



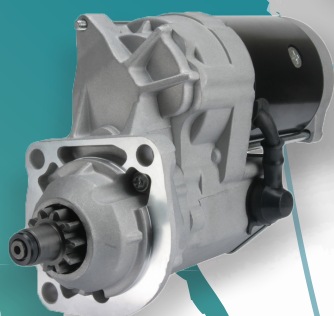
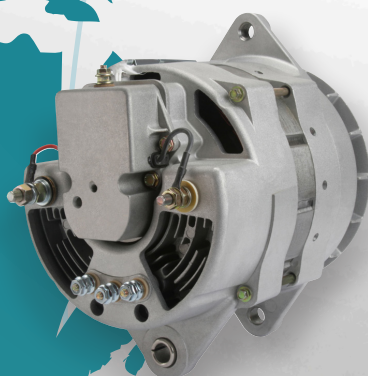
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in Parts

STARTERS & ALTERNATORS

DC-MOTORS & DYNASTARTERS

2023-2025

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SHOP



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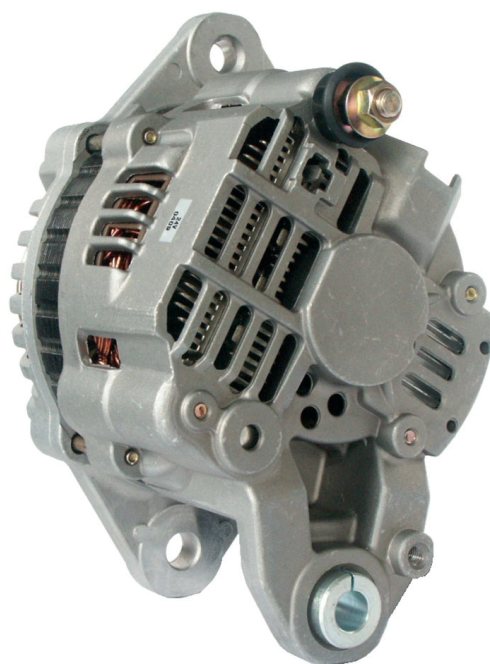
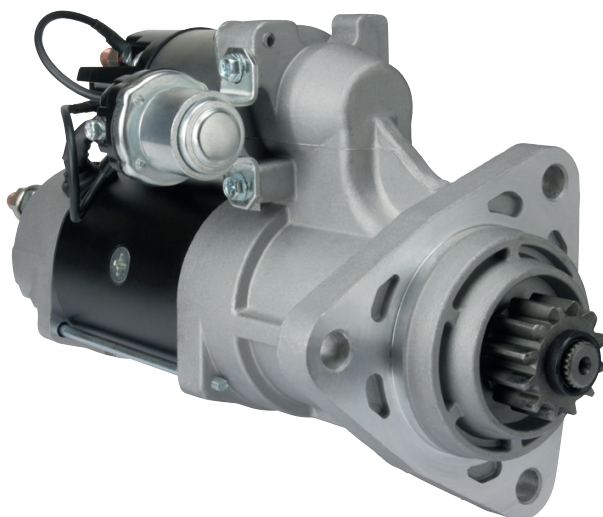




STARTERS & ALTERNATORS

DC-MOTORS & DYNASTARTERS

In our online shop at
www.hc-cargo.com
you can always find
an up-to-date and
complete product range.



Warranty policy

We pride ourselves on excellent quality, but now you can rest even easier knowing that all HC-CARGO branded products purchased are covered by a fantastic 2-Year Warranty





HC-CARGO Starter and Alternator program

- High EU Market coverage for passenger cars > 90%
- More than 1,500 starter numbers
- More than 1,500 alternator numbers
- Also available on @TecAlliance
- Units are sold outright

We offer applications for multiple purposes!

We continuously strive for extending the program to offer the most comprehensive solution whether it is a simple replacement of a complete unit or a component for a repair solution. Read more about our two catalogues on our components program - or in our web catalogue on our website www.hc-cargo.com where you always can see an up-to-date and complete program.

This catalogue also includes our vehicle application list within multiple segments. And a comprehensive cross reference list with OE numbers and selected competitor sales numbers. You can always search among all our updated cross references on our website hc-cargo.com

Our starter & alternator program has applications for cars, trucks, industrial machines, agricultural, marine, and various outdoor power equipment. HC-CARGO - we help you to make the right product choice.

Automotive

Very high coverage as to European vehicle population



Trucks, trailers & buses

Very high coverage as to European vehicle population



Agriculture

High coverage as to European vehicle population



Industrial

Selected parts for industrial & outdoor equipment



Marine

Selected parts for marine applications



Motorcycle

Selected parts for motorcycles



With the HC-CARGO program, you have a one-stop-supplier opportunity for units. HC-CARGO units are sold outright, no surcharge!

High Quality Alternatives in HC-CARGO

We offer a high quality guarantee with thorough testing carried out by our quality assurance department. Our engineers test the parts in terms of interaction, perfect fit and easy installation before the products are approved and released for sale. This procedure ensures that we keep the promised high quality.

You can easily find our recommendations - look for these Quality Stamps @ HC-CARGO

Scan the QR code
and see our
presentation video
"Because quality
is key to us"





The HC-CARGO 5-star range contains starters and alternators and the components for these (as well as A/C compressors). HC-CARGO 5-star products are acquired from OEMs and traders of original equipment. This ensures products of high performance and reliability.

We offer this alternative to make all auto electrical spare parts available at HC-CARGO. Both for the cost-conscious and the high-quality orientated customer - enabling you to do all your shopping in one place.

These alternative high-quality products have been marked with a “5-star” icon both in printed catalogues, as well as in our online shop, where you will always find the up-to-date portfolio.

You will find the entire HC-CARGO product portfolio available in our online shop.



“Best Choice”

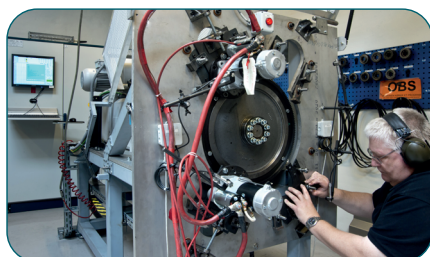
Our Quality - Your assurance

Quality is key to us at HC-CARGO. Even though our manufacturer network develops the products, the HC-CARGO logo on the packaging stands for high quality standards.

To constantly ensure high quality, our processes follow strict regulations.

The HC-CARGO ordering and management processes are certified to DIN EN ISO 9001. Certified management processes are also something we expect and require from our suppliers.

They are all DIN EN ISO 9001 or TS 16949 certified.



*Starter:
Comparison and
endurance test*

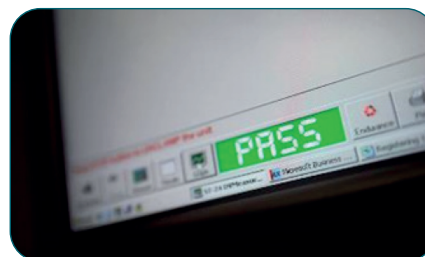


*Starter:
Temperature
test*



*Alternator:
Duration test*

Only when the product has passed all tests, it has proved to be an excellent HC-CARGO product and is then released. From the first delivery, random samples are taken and tested. When the test has been successful, the products are approved and released for sales.



*Thus, our
customers can
always rely on
our quality.*

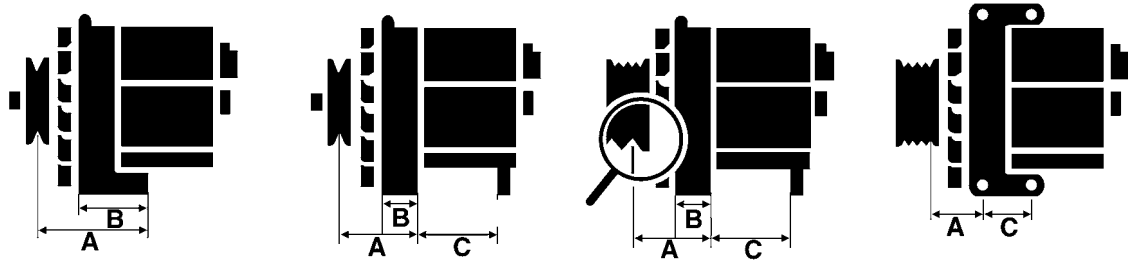
Supplier release is an important foundation for what we really care about: our products. We have particularly high demands on the reliability of materials and components of our products, as reliability contributes to the overall HC-CARGO quality assurance. Reliability plays the most important role in HC-CARGO quality assurance.

Our quality standard applies also in terms of service, technical expertise and advice. Our dedicated employees are happy to assist you with know-how and experience in your daily business.

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A: Pulley distance, B: Width of holder arm, C: Mounting bracket distance

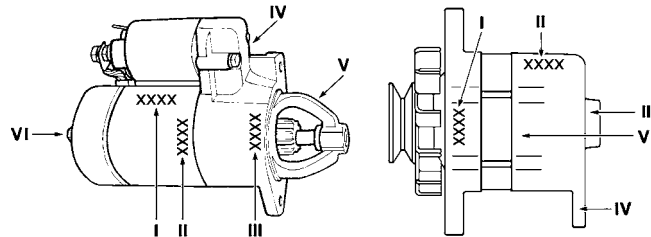
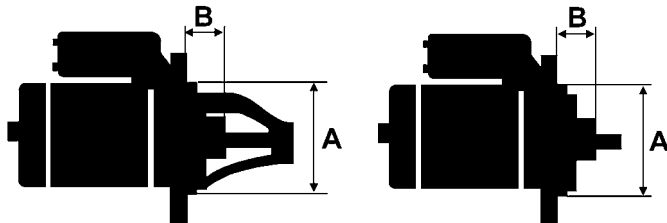


Remarks: Serpentine pulley



Threaded fixing holes

A: Mounting flange, B: Drive distance



O.E.M.	STARTER MOTORS		ALTERNATORS	
	Pos.	Example	Pos.	Example
Bosch (Bo)	II	0001 234 123	V	0120 489 789
Delco Remy (DR)	II	(3471) 152	I	(3472) 042
Denso (De)	I	028000-1971	II	021000-0327
Ducellier (Du)	II	6236, 534046	III	7586, 516023
Femsa (Fe)	II	MTA 12-40	III/IV/V	ALP 12-17
Hitachi (Hi)	III	S114-173B	I	LT 135-13
Iskra (Is)	II	AZE 3512-12V	V	AAK 1105
Lucas (Lu)	II	25061	II/III	23779
Magneti Marelli (MM)	IV/V	MT 68 AA, 63221403	II/III	AA125-14V-45A
Magneton (Mt)	II	02 8946.08	II	443 113 456
Mando Melroe (Md)			V	AB170035
Mitsubishi (Mi)	III/IV	MEA 12-1, M03T 25781	II/III	AQ 2240 K1
Motorola (Mo)			II/III	9AR 2518 F
Paris Rhone (PR)	II	D 11 E 176	II/III	A 13 N 104
SEV (SE)			II/III	34810, 712 71302
Valeo (Va)	II	433257 KO	V/III	A 13 N 38
Visteon (Vi)	I	20-100-01010		

TERMINAL CHART	Field / Rotor	Ground	Charging Lamp	Ignition	Point Central	Tacho / Stator	CPU Control	Battery Sense	Battery	Dummy
BOSCH	DF/F1/F2	B-/D-	D+/61/L/61E	15		W	COM/DF DFM/FR LI/RC LIN	S	B+	
BUTEC	F	-	D+						B+	
CHRYSLER	F1/F2/FLD	GRD							B+	
REMY	F	GRD	D+/L/1	I/IG		P/R/W	F	M/S/2	B+	
DELPHI			L				DFM		B+	
DUCELLIER	EXC	-/B-	D+	+		W			B+	
ELMOT	67	31	15			W			B+	
FORD (VISTEON)	DF/F/FLD	D-/VE	D+/IND/I			W/STA/S			B+/Bat	
HITACHI	F	E	L	IG/R	N	P	FR/G	S	B/A	D
ISKRA	DF	D-	D+			W			B+	
LADA	67	31	15						B+/30	
LUCAS	F	-	D+			STA/W		S	B+	
PAL/MAGNETON	M	-	R						B+	
VALEO	F	E	L/I	IG/R	N	P		S	B/A	D
MARELLI	67	31	15		C	W	FR/SIG LI/STD PHIN/RC		B+/30	
mitsubishi	F	E	L	IG/R	N	P	FR/G/D	S	B/A	D
MOTOROLA	EXC	-/B-	D+			W			B+	
DENSO	F/F1/F2	E-	L	IG/R	N	P	FR/C/M	S	B/A	D
PARIS RHONE	EXC	-/B-	L			W			B+	
SEV MARCHAL	DF	-/B-	61+			W			B+	
VALEO	EXC	-	L/D+/61E	15/+		W	COM/FR DF/DFM LIN		B+'	

ABBREVIATIONS:

ACR =Anti-clockwise rotation, AC=Air condition, ACPS= Air conditioning and auxiliary control, Amp.=Ampere, AT=Automatic transmission, AT6S=6 gears AT, AT7S=7 gears AT, ATAC= Automatic transmission and air conditioning, BS=Battery sense, Chas.=Chassis,

CR =Clockwise rotation, D=Insulated, DD=Direct drive, DF=DF plug, DKG= For vehicles with double clutch, DP=Double pulley, DSG= Direct gear, ECO=Ecomatic, EF=External fan, Eng.=Engine, Eur.=European application, FW=Free wheel pulley, GR=Gear reduction, HD=Heavy duty, HP=Horsepower, ID=Inner diameter, IF=Internal fan, IR=Internal regulator, kW=Kilowatt, LHD=Left hand drive, RC=Load response control, OD=Outer diameter, P=Pulley, PS=Power steering, RHD=Right hand drive, SP=Serpentine pulley, SP/FW=Serpentine/Free-wheel, 4SP=4 gears, 5SP=5 gears, 6SP=6 gears, V=Volt, VP=Vacuum pump, w/=with, w/o=without, W= RPM connection, 15=Connection for the auxiliary start, 30h=W/ additional terminal 30h, 3(2)=Number of fixing holes - Number in brackets represent threaded holes,

=Number of theeth, ()=Vehicle type, []=Engine type, ▲=Can be replaced if pulley is changed, #=Available while stock last, *=Program development, A10=W/ immobilizer A11=w/o Choke, A12=Catalyst, A13=Cold climate, A14=W/ computer, A15=DK,IS,N,S,SF, A16=CH,DK,N,S, A17=For cooling-water heating, A18=Direct automatic transmission, A19=w/ electrical heating sistem, A20=Additionally mounted, A21=w/ glowplug heating, A22=Heated windscreen, A23=Heated windscreen + Air condition, A24=Tiptronic, A25=w/ start / stop, A26=Charging lamp, A27=Connection L, A28=Connection L + Ign., A29=Specially sealed, A30=Volt-meter, A31=W/ heat cap, A32=Automatic Transmission and Cold Climate, A33=Taxi, A34=Manual and automatic Transmission, A35=Water cooled, A36=W/ bendixhousing, A37=w/o bendixhousing, A38=Manual air conditioning, A39=Automatic air conditioning, A40=Starter-Alternator, A41=Sequential manual transmission, A42=Tropical climate, A43=Manual transmission, A44=Automatic transmission and start / stop system, A45=w/ safety switch, A46=w/ pulley, A47=w/o pulley, A49=5 Star, BO=Bosch type, BO=Bosch type, BOGR=Bosch gear reduction, DR=Delco Remy type, HI=Hitachi type, IS=Iskra type, LM=Small starter edition, LU=Lucas type, MA=Marelli type, MAG=Magnetron type, MI=Mitsubishi type, MS=Mitsuba type, ND=Nippondenso type, PL=Prestolite type, PR=Paris Rhone type, SM=Large starter edition, VA=Valeo type

Care is taken to ensure the accuracy of descriptions and applications of each item, but assumes no responsibility for possible errors. O.E.M. names and numbers are used for reference purposes only.
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ISO 14001
BUREAU VERITAS
Certification



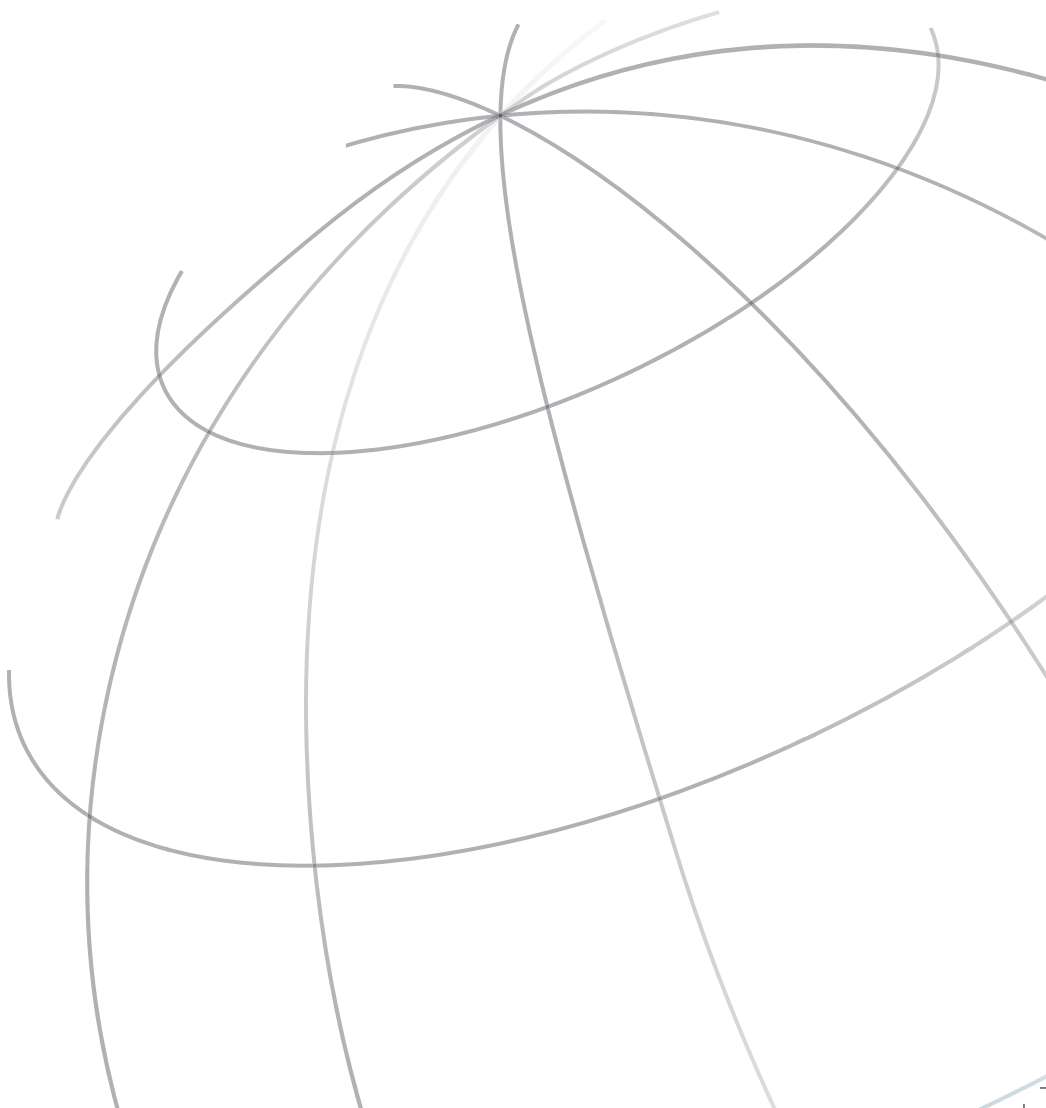
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BUREAU VERITAS
Certification

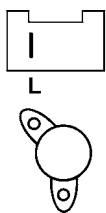




Alternators

Edition 2023/2025





110048 Alternator 14 V, 70 Amp
Manufacturer: Mahle Letrika
Replacing: 0120400618
Servicing: Farymann, Renault, Volvo Penta
Terminal W, Pulley SP, Grooves 1, Fan EF, B+ M6, Length 180.00, Insulated return Yes
A: 72.00 **B:** 51.00 mm



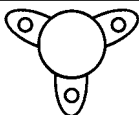
110077 Alternator 14 V, 50 Amp
Manufacturer: Mahle Letrika
Replacing: 0120300530, 0120300531, 0120339524, 0120339525
Servicing: Citroen, Opel, Peugeot, Vauxhall, Case, Deutz-Fahr, Fendt, Goldoni
Pulley P, Grooves 1, B+ M6, Length 171.00
A: 78.50 **B:** 56.00 mm



110105 Alternator 14 V, 55 Amp
Manufacturer: Mahle Letrika
Replacing: 0120300516, 0120300535, 0120300545, 0120488218, 0120488267, 0120488290, 0120489703, 0120489704
Servicing: John Deere lawn equipment w/ cooling eng
Pulley P, Grooves 1, B+ M6, Length 178.00
A: 83.30 **B:** 56.00 mm



110112 Alternator 28 V, 40 Amp
Replacing: 0120400835, 0120489643, 9120080088, 9129080088, 9129080114
Servicing: Volvo, Volvo Penta
Terminal W, Pulley w/o, Fan EF, B+ M6, Length 175.50
B: 51.00 mm



110113 Alternator 28 V, 27 Amp
Replacing: 0120400699, 0120400774, 0120489221, 0120489225, 0120489231, 0120489284, 0120489727, 0120489728
Servicing: Mercedes-Benz
Pulley w/o, B+ M6, Length 165.00
B: 80.00 mm



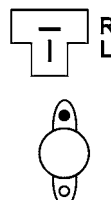
110116 Alternator 28 V, 35 Amp
Replacing: 0120400796, 0120488208, 0120488273, 0120488289, 0120489053, 0120489230, 0120489684, 0120489827
Servicing: DAF, MAN, Ford
Terminal W, Pulley w/o, B+ M8, Length 180.00
B: 80.00 mm



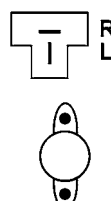
110127 Alternator 14 V, 70 Amp
Replacing: 0120400778, 0120489779
Servicing: Volvo Penta, Farymann
Terminal W, Pulley P, Grooves 1, Fan EF, B+ M6, Length 179.00, Insulated return Yes
A: 79.00 **B:** 51.00 mm



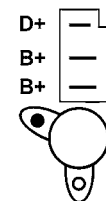
110128 Alternator 14 V, 35 Amp
Replacing: F004BL0110
Servicing: Nissan, Chevrolet, Subaru, Komatsu, TCM
Pulley P, Grooves 1, Fan EF, B+ M5, Length 161.00
A: 42.00 **B:** 13.00 **C:** 80.50 mm



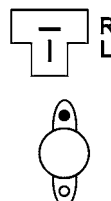
110134 Alternator 14 V, 55 Amp
Replacing: 9120060894
Servicing: Mazda
Pulley P, Grooves 1, B+ M5, Length 171.50
A: 41.00 **B:** 12.50 **C:** 80.50 mm



110136 Alternator 14 V, 50 Amp
Replacing: 0120488312
Servicing: Ford, Mazda
Terminal W, Pulley P, Grooves 1, B+ M5, Length 170.50
A: 42.00 **B:** 13.00 **C:** 80.00 mm



110178 Alternator 14 V, 36 Amp
Manufacturer: Lucas
Replacing: 0120339502, 0120339506, 0120339509, 0120339510, 0120389502, 0120389503, 9120331502, 9120331901
Servicing: Ford, Austin, Land Rover, Triumph, MG, Morris, Talbot, Vauxhall, Plymouth, Jensen, Lotus, Bedford, Case, Massey Ferguson, New Holland
Pulley w/o, B+ 9.40, Length 164.00
For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
B: 10.00 **C:** 87.00 mm



110318 Alternator 14 V, 50 Amp
Replacing: 9120690078
Servicing: Mitsubishi, Mazda, Dodge, Plymouth
Pulley P, Grooves 1, B+ M5, Length 170.90
A: 42.00 **B:** 12.50 **C:** 55.00 mm



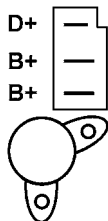
110348 Alternator 14 V, 55 Amp

Replacing: 0120488280, 9120331882

Servicing: Lada

Pulley P, Grooves 1, B+ M6, Length 162.00

A: 45.00 B: 19.60 C: 63.00 mm

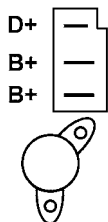


110358 Alternator 14 V, 55 Amp

Replacing: 0120400858, 0120400859, 0120489061, 0120489526, 0120489527, 0120489556, 0120489683, 0120489786

Servicing: Mercedes, Seat, Mercedes-Benz
Pulley P, Grooves 1, Fan EF, B+ Plug, Length 162.50

A: 77.50 B: 56.00 mm

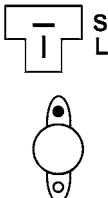


110360 Alternator 14 V, 45 Amp

Replacing: 0120489012, 0120489013, 0120489076, 0120489557, 0120489558, 0120489581, 0120489744, 0120489745

Servicing: Audi, VW, Deutz-Fahr, Fiat
Pulley P, Grooves 1, B+ 9.40, Length 154.00

B: 56.00 mm



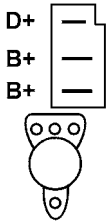
110458 Alternator 14 V, 60 Amp

Replacing: 0120488313

Servicing: Nissan

Terminal W, Pulley P, Grooves 1, B+ M5, Length 177.60

A: 43.00 B: 13.00 C: 80.00 mm



110497 Alternator 14 V, 70 Amp

Replacing: 9120690170

Servicing: Austin-Healey, Various Agriculture Vehicles

Terminal W, Pulley P, Grooves 1, B+ 9.40, Length 166.00

A: 42.50 B: 10.50 C: 84.00 mm



110611 Alternator 14 V, 55 Amp

Replacing: 0120300550, 0120300551

Servicing: Fiat, Allis Chalmers, Seat
Pulley P, Grooves 1, B+ M6, Length 175.00

A: 48.00 B: 17.00 C: 65.00 mm



110619 Alternator 14 V, 70 Amp

Replacing: 0120335007

Servicing: Citroen, Peugeot

Pulley P, Grooves 1, B+ M8, Length 170.00

A: 95.00 B: 56.10 mm



110641 Alternator 14 V, 33 Amp

Replacing: 0120300514, 0120300552, 0120339514, 0120339531, 0120339552, 0120400737

Servicing: Deutz, Fendt, Case, Claas, GoldoniBosch, BPM, Deutz-Fahr, Fahr, Kramer, Lamborghini, Liebherr, Linde

Terminal W, Pulley P, Grooves 1, B+ M6, Length 162.00

A: 76.50 B: 56.00 mm



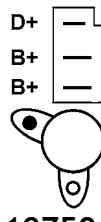
110743 Alternator 14 V, 30 Amp

Replacing: 9120331301

Servicing: Citroen

Pulley P, Grooves 1, B+ M6, Length 155.00
Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm



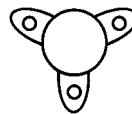
110759 Alternator 14 V, 35 Amp

Replacing: 0120400704, 0120400705, 0120400814, 0120489087, 0120489508, 0120489509, 0120489511, 0120489522

Servicing: Ford, Iveco, Austin, Mercury

Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 160.00

A: 36.00 B: 10.50 C: 79.00 mm



110766 Alternator 28 V, 27 Amp

Replacing: 0120300579, 0120339538, 0120400640, 0120400642, 0120400688, 0120400690, 0120400694, 0120400732

Servicing: Atlas Copco, Iveco, MercedesCase, Deutz-Fahr, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

Terminal W, Pulley w/o, B+ M6, Length 170.00
B: 56.00 mm



110801 Alternator 28 V, 45 Amp

Replacing: 0122469001, 0122469003

Servicing: Fiat-Allis, International, Cummins, Caterpillar, Atlas Copco, CaseAtlas Copco

Terminal W, Pulley w/o, B+ 1/4" UNF, Length 270.00

B: 14.80 C: 100.00 mm



110881 Alternator 14 V, 55 Amp

Replacing: 0120488114, 0120488185, 0120488209, 0120488257, 0120488258, 0120489069, 0120489070, 0120489183

Servicing: Volvo, Deutz-Fahr, Fendt, Kramer, Marshall

Terminal W, Pulley DP, Grooves 2, B+ M6, Length 170.00

A: 88.00 B: 56.00 mm



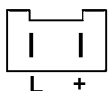
110882 Alternator 14 V, 45 Amp

Replacing: 0120489106, 0120489145, 0120489761, 0120489762, 0120489765, 1986A00799

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Seat, Same, Case IH, Lancia, Lister-Petter, New Holland, Terex, Turk Traktor

Pulley P, Grooves 1, B+ M6, Length 181.50
Connection 67 = D+ terminal.

A: 47.00 B: 16.25 C: 63.00 mm



110889 Alternator 14 V, 75 Amp

Servicing: Renault, Renault V.I.

Terminal W, Pulley P, Grooves 1, B+ M6, Length 176.50

A: 57.90 B: 26.90 C: 69.00 mm



110890 Alternator 14 V, 55 Amp

Replacing: 0120400914, 0120400943, 0120489021, 0120489107, 0120489134, 0120489146, 0120489147, 0120489151

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Massey Ferguson, Same, Seat

Pulley P, Grooves 1, B+ M6, Length 169.00

A: 49.00 B: 17.00 C: 63.00 mm



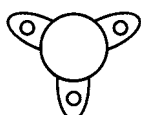
110891 Alternator 14 V, 70 Amp

Replacing: 0120488211, 0120488228, 0120488286, 0120489346, 0120489347, 0120489408, 0120489984, 1986A01130

Servicing: Ford, Land Rover, MG

Terminal W, Pulley w/o, B+ M6, Length 169.00

B: 11.30 C: 83.00 mm



110895 Alternator 28 V, 55 Amp

Replacing: 0120469001, 0120469019, 0120469025, 0120469039, 0120469101, 0120469103, 0120469509, 0120469518

Servicing: Man, Mercedes, Daf, Kässbohrer, Ssangyoung, Mercedes-Benz

Terminal W, Pulley w/o, B+ M8, Length 196.50, Insulated return No

B: 80.00 mm



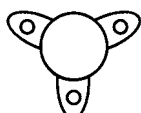
110899 Alternator 14 V, 33 Amp

Replacing: 0120300528, 0120300529, 0120300558, 0120300559, 0120300568, 0120300569

Servicing: Fiat, DAF, Volvo, Agrifull

Pulley P, Grooves 1, B+ Plug, Length 162.00
Regulator: HC-CARGO 130675.

A: 48.45 B: 24.00 C: 74.00 mm



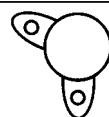
110906 Alternator 28 V, 30 Amp

Replacing: 0120400877, 0120489316

Servicing: Mercedes-Benz

Terminal W, Pulley w/o, B+ M6, Length 187.00

B: 80.00 mm



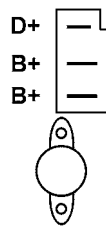
110911 Alternator 14 V, 55 Amp

Replacing: 0120489651, 0120489653, 0120489654, 0120489657, 0120489659, 0120489735, 0120489759, 0120489760

Servicing: Audi, Saab, VW, Peugeot

Pulley P, Grooves 1, B+ M6, Length 171.00

A: 77.64 B: 56.00 mm



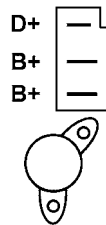
110912 Alternator 14 V, 55 Amp

Replacing: 0120489020, 0120489135, 0120489170, 0120489541, 0120489542, 0120489641, 0120489642, 0120489742

Servicing: Fiat, Iveco, Lancia, Seat, Ferrari, Abarth, Alfa Romeo, Fiat-Allis, Pininfarina

Pulley P, Grooves 1, B+ M6, Length 162.50

A: 44.50 B: 16.40 C: 66.00 mm



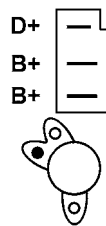
110913 Alternator 14 V, 70 Amp

Replacing: 0120489016, 0120489017, 0120489081, 0120489262, 0120489712, 0120489773, 0120489774, 0120489790

Servicing: Audi, VW, Skoda

Terminal W, Pulley w/o, B+ 9.40

B: 56.00 mm



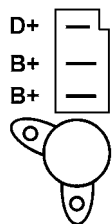
110919 Alternator 14 V, 65 Amp

Replacing: 0120489195, 0120489196, 0120489248, 0120489249

Servicing: Audi, VW

Pulley P, Grooves 1, B+ Plug, Length 185.00

A: 110.00 B: 56.00 mm

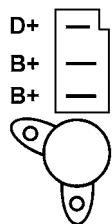

110923 Alternator 14 V, 55 Amp

Replacing: 0120488126, 0120489232, 0120489233, 0120489234, 0120489300, 0120489301, 0120489302, 0120489323

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, B+ Plug, Length 176.00

A: 92.00 B: 56.00 mm


110975 Alternator 14 V, 65 Amp

Replacing: 0120300563, 0120300564, 0120300584, 0120400670, 0120489058, 0120489551, 0120489569, 0120489789

Servicing: VW, Audi, Various Agriculture Vehicles
Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.00

A: 82.85 B: 56.25 mm

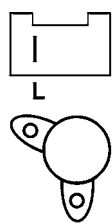

111035 Alternator 14 V, 65 Amp

Replacing: 0120489126, 0120489142, 0120489143, 0120489186, 0120489187, 0120489188, 0120489218

Servicing: Fiat, Lancia, Zastava, Autobianchi, Audi, Innocenti, VW, Case, Ford

Pulley P, Grooves 1, B+ M6, Length 164.50

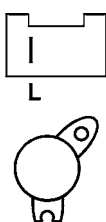
A: 52.00 B: 23.00 C: 74.00 mm


111075 Alternator 14 V, 55 Amp

Replacing: 0120489164, 0120489193, 0120489194

Servicing: Citroen, Peugeot, Talbot, Vauxhall
Pulley P, Grooves 1, Fan EF, B+ M6, Length 161.50

A: 59.50 B: 40.00 mm


111076 Alternator 14 V, 50 Amp

Replacing: 0120488214, 0120488215, 0120489157, 0120489158, 0120489258, 0120489259, 0120489270, F00E100096

Servicing: Citroen, Peugeot, Talbot, Opel

Pulley SP, Grooves 4, B+ M6, Length 163.50

A: 46.35 B: 26.80 C: 66.00 mm

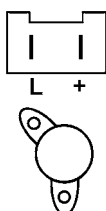

111078 Alternator 14 V, 45 Amp

Replacing: 9120144228, 9120144229, 9120144240, 9120144241

Servicing: Fiat, Seat, Lancia, Autobianchi, Zastava

Pulley P, Grooves 1, B+ M6, Length 169.00

A: 53.25 B: 23.50 mm

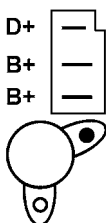

111082 Alternator 14 V, 60 Amp

Replacing: 9120144277

Servicing: Renault

Pulley P, Grooves 1, B+ M6, Length 178.25

A: 100.95 B: 56.00 mm


111086 Alternator 14 V, 65 Amp

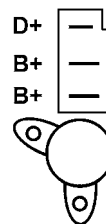
Manufacturer: Mahle Letrika

Replacing: 0120339504, 0120339518, 0120339519, 0120400808, 0120400809, 0120400861, 0120400872, 0120400873

Servicing: Ford, Austin, Rover. MG, Mercury, RenaultSuzuki

Pulley P, Grooves 1, B+ Plug, Length 170.00

A: 34.60 B: 10.80 C: 81.00 mm


111093 Alternator 14 V, 70 Amp

Replacing: 0120488126, 0120489321, 0120489322, 0120489325, 0120489326, 0120489327, 0120489328, 0120489329

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, B+ Plug, Length 183.50

A: 92.00 B: 56.00 mm

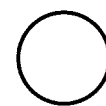

111094 Alternator 14 V, 65 Amp

Replacing: 0120485005, 0120485006, 0120485007, 0120485008, 0120489369/370, 0120489370, 0120489438, 1986A00757

Servicing: Audi, VW

Terminal W, Pulley P, Grooves 1, B+ M8, Length 187.25

A: 109.00 B: 56.00 mm


111096 Alternator 14 V, 51 Amp

Replacing: 0120400836, 0120400837, 0120400862, 0120400863, 0120489565, 0120489566, 0120489583, 0120489584

Servicing: VW

Pulley w/o, B+ M6, Length 261.00

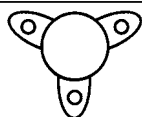

111139 Alternator 14 V, 75 Amp

Replacing: 0120469502, 0120469503, 0120469504, 0120469505, 0120469524, 0120469525, 0120469528, 0120469533

Servicing: Audi, Porsche, VW

Pulley P, Grooves 1, B+ M8, Length 171.00

A: 82.30 B: 56.00 mm



111141 Alternator 14 V, 55 Amp

Replacing: 0120400700, 0120488282, 0120489032, 0120489315, 0120489725, 0120489726, 0120489757, 9120080158

Servicing: Mercedes, MAN, Mercedes-Benz

Terminal W, Pulley w/o, B+ M6, Length 167.70

B: 80.00 mm



111146 Alternator 28 V, 55 Amp

Replacing: 0120469038, 0120469527, 0120469562, 0120469592, 0120469692, 0120469761, 0120469891

Servicing: DAF, Ford, MAN

Terminal W, Pulley w/o, B+ M8, Length 187.50, Insulated return No

B: 80.00 mm



111148 Alternator 14 V, 65 Amp

Replacing: 0120488140, 0120488207, 0120488222, 0120488223, 0120488235, 0120488275, 0120489128, 0120489129

Servicing: Fiat, Lancia, Zastava, Autobianchi

Pulley P, Grooves 1, B+ M6, Length 165.50

A: 52.25 B: 23.00 C: 73.00 mm



111149 Alternator 14 V, 80 Amp

Replacing: 0120469583, 0120469584, 0120469588, 0120469589, 0120469590, 0120469591, 0120469642, 0120469844

Servicing: Mercedes-Benz

Pulley P, Grooves 1, B+ M8, Length 176.75

A: 77.00 B: 56.00 mm



111153 Alternator 14 V, 55 Amp

Replacing: 0120489549, 0120489550, 0120489903, 0120489904

Servicing: Alfa Romeo

Pulley P, Grooves 1, B+ M6, Length 169.00

A: 52.00 B: 27.00 mm



111154 Alternator 14 V, 65 Amp

Replacing: 0120488226, 0120488227, 0120488238, 0120489378, 0120489379, 0120489449, 0120489497

Servicing: VW, Audi, Seat, Alfa Romeo, Mercedes-Benz

Terminal W, Pulley P, Grooves 1, B+ M8, Length 176.50

A: 87.50 B: 56.00 mm



111168 Alternator 14 V, 55 Amp

Replacing: 0120488203, 0120489123, 0120489124, 0120489125, 0120489947, 0120489948, 0120489950, 0120489951

Servicing: Opel, Vauxhall, Ferrari

Terminal W, Pulley P, Grooves 1, B+ M6, Length 170.00

A: 84.00 B: 56.00 mm



111169 Alternator 14 V, 70 Amp

Replacing: 0120400827, 0120400828, 0120488172, 0120488173, 0120488192, 0120488193

Servicing: Opel, Vauxhall

Pulley P, Grooves 1, B+ M6, Length 169.50

A: 85.00 B: 56.00 mm



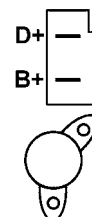
111176 Alternator 14 V, 75 Amp

Replacing: 0120489984

Servicing: Ford, Land Rover, LDV

Terminal W, Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50

A: 35.50 B: 11.25 C: 81.65 mm



111180 Alternator 14 V, 33 Amp

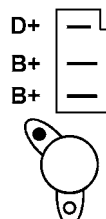
Replacing: 0120339515, 0120339516, 0120339527, 0120339528

Servicing: Fiat, Lamborghini, Same, Zastava, Fiat-Allis

Pulley P, Grooves 1, B+ 9.40

Alternative no.: 116133

A: 49.00 B: 25.00 mm



111185 Alternator 14 V, 43 Amp

Replacing: 0986044581

Servicing: Austin, Rover, Land Rover, Ford, Vauxhall, MG, Morris, Lotus, Triumph, Case, Jaguar, LDV, Massey Ferguson

Pulley w/o, Length 169.50 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.

B: 9.80 C: 88.00 mm



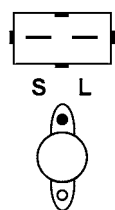
111186 Alternator 14 V, 70 Amp

Replacing: 0986041771, 0986041781

Servicing: Opel, Vauxhall

Pulley P, Grooves 1, B+ Plug, Length 215.00

A: 42.00 B: 13.00 C: 78.20 mm



111216 Alternator 14 V, 37 Amp

Replacing: 0120488297, 1986A00013, 9120060027

Servicing: Thermo King, Volvo

Terminal W, Pulley w/o, B+ M8, Length 176.00

B: 51.00 mm



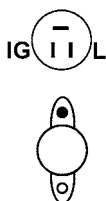
111261 Alternator 28 V, 50 Amp

Replacing: 0122469002, 0122469004

Servicing: Caterpillar, Ingersoll-Rand

Pulley w/o, B+ 7/16" UNC, Length 306.00, Insulated return No

B: 14.10 C: 102.00 mm



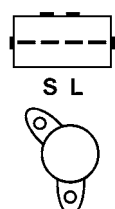
111279 Alternator 14 V, 50 Amp

Replacing: 9120334317, 9120334318

Servicing: Suzuki, Chevrolet, GEO, Pontiac

Pulley SP, Grooves 4, B+ M6, Length 160.00

A: 37.50 B: 14.00 C: 66.00 mm



111280 Alternator 14 V, 65 Amp

Replacing: 0120335008, 0123115008, 0123115010

Servicing: Nissan

Pulley SP, Grooves 6, B+ M6, Length 156.50

A: 38.25 B: 24.80 C: 66.80 mm



111287 Alternator 14 V, 70 Amp

Replacing: 0120489425, 0120489427, 0120489432, 0120489433, 0120489495, 0120489496

Servicing: VW

Terminal W, Pulley P, Grooves 1, B+ M8, Length 190.00

A: 109.50 B: 56.00 mm



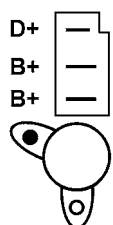
111288 Alternator 14 V, 65 Amp

Replacing: 0120488196, 0120488198, 0120488199, 0120488237, 0120488240, 0120489198, 0120489240, 0120489374

Servicing: Seat, VW, MAN

Terminal W, Pulley P, Grooves 1, B+ M8, Length 168.00

A: 75.00 B: 56.00 mm



111289 Alternator 14 V, 70 Amp

Replacing: 0120339517, 0120400806, 0120400807, 0120400810, 0120400866, 0120400867, 0120400902, 0120421142

Servicing: Ford, Austin, Rover, Land Rover, MG, Massey Ferguson, Morris, CaseCummins, Dronningborg, New Holland

Terminal W, Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 175.00

A: 35.00 B: 12.50 C: 80.00 mm



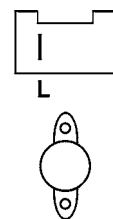
111318 Alternator 14 V, 80 Amp

Replacing: 0123310011, 0123310013

Servicing: Cirtoen, Peugeot, Fiat, Lancia, Citroen

Pulley SP, Grooves 6, B+ M8, Length 174.00

A: 92.35 B: 56.00 mm



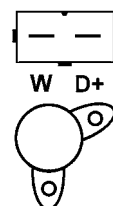
111321 Alternator 14 V, 70 Amp

Replacing: 0120489491

Servicing: Volvo

Pulley SP, Grooves 6, B+ M6, Length 166.00

A: 46.50 B: 27.00 C: 69.50 mm



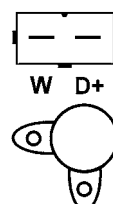
111352 Alternator 14 V, 70 Amp

Replacing: 0120335010, 0120485034, 0123310002, 0123314005, 0123310002, 0123310020, 0123315001, B120310087

Servicing: Seat, Skoda, VW

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 190.50

A: 39.45 B: 14.65 C: 59.80 mm



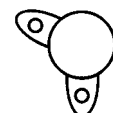
111353 Alternator 14 V, 70 Amp

Replacing: 0120400651, 0120485043, 0123310001, 0123310019, 0123310025, 0123310032, 0123315002

Servicing: Seat, VW, Ford, Skoda, Audi

Pulley SP, Grooves 6, B+ M8, Length 187.00

A: 39.50 B: 14.00 C: 61.00 mm



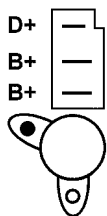
111354 Alternator 14 V, 70 Amp

Replacing: 0120485011, 0120485012, 0120485022, 0123310005, 0123315005, 0986036820

Servicing: Mercedes-Benz

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 190.00

A: 92.00 B: 56.00 mm



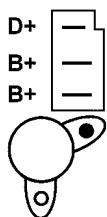
111355 Alternator 14 V, 65 Amp

Replacing: 0120489293, 0120489384, 0120489385

Servicing: Austin, Rover, Nissan MG, Massey Ferguson, New Holland, Dronningborg, Valmet, Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hako, Hyundai, Ingersoll-Rand, JCB

Terminal W, Pulley P, Grooves 1, B+ M6-6.30, Length 163.50

A: 37.00 B: 11.50 C: 81.00 mm



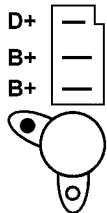
111356 Alternator 14 V, 55 Amp

Replacing: 0120488189

Servicing: FordRover, Various Agriculture Vehicles

Terminal W, Pulley SP, Grooves 3, B+ 9.40

A: 43.00 B: 10.80 C: 81.00 mm



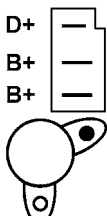
111362 Alternator 14 V, 55 Amp

Replacing: 0120489172, 0120489290, 0120489345, 0986030760

Servicing: Ford, Land Rover, Rover, MG, Austin, ValmetCummins, Massey Ferguson, New Holland, Valtra

Terminal W, Pulley P, Grooves 1, B+ Plug, Length 165.50

A: 34.50 B: 11.00 C: 81.00 mm



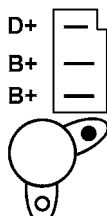
111364 Alternator 14 V, 55 Amp

Replacing: 0120489245, 0120489251, 0120489252, 0120489292

Servicing: Ford, Rover

Terminal W, Pulley P, Grooves 1, B+ M6-6.30, Length 166.00

A: 35.50 B: 12.50 C: 81.00 mm



111366 Alternator 14 V, 45 Amp

Replacing: 9120144289, 9120144290

Servicing: Land Rover, LDV International, Austin

Terminal W, Pulley w/o, B+ M6, Length 166.00

B: 11.00 C: 81.00 mm



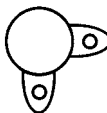
111369 Alternator 14 V, 90 Amp

Replacing: 0123320010, 0123320044, 0123335002, 0123335006, 0123335007, 0124325226, 1986A00456

Servicing: Mercedes-Benz, Various Agriculture Vehicles

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 189.50

A: 92.00 B: 56.00 mm



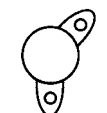
111411 Alternator 14 V, 75 Amp

Replacing: 1986A00575, 1986A00740

Servicing: Fiat, Lancia, Ford, Citroen, Peugeot

Pulley SP, Grooves 4, B+ M8, Length 189.50

A: 54.80 B: 32.00 mm



111416 Alternator 14 V, 65 Amp

Replacing: 0124215002, 0124215005

Servicing: Fiat, Citroen, Peugeot

Pulley SP, Grooves 6, B+ M8, Length 199.00

A: 41.00 B: 17.00 C: 82.00 mm



111418 Alternator 14 V, 60 Amp

Replacing: 0120488284, 0120489336, 1986A00801

Servicing: Iveco, Fiat, Alfa Romeo

Pulley P, Grooves 1, B+ M6, Length 165.50

Alternative no.: 115873

A: 49.00 B: 17.00 C: 66.00 mm



111419 Alternator 28 V, 55 Amp

Replacing: 0120469549, 0120469634, 0120469890

Servicing: Fiat-Allis, Iveco, Allis Chalmers, BENFRA, Laverda

Terminal W, Pulley DP, Grooves 2, B+ M8, Length 188.00

A: 50.00 B: 17.45 C: 63.00 mm



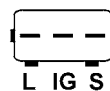
111426 Alternator 14 V, 100 Amp

Replacing: 0123505002, 0124415008, 1986A00732, 1986A00870, 0986043680

Servicing: Opel, Vauxhall, Isuzu

Pulley SP, Grooves 6, B+ M8, Length 180.00

A: 51.00 B: 33.75 C: 56.00 mm



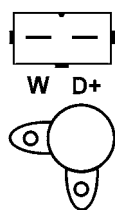
111468 Alternator 14 V, 80 Amp

Replacing: 0123325000, 0123325003, 0123325013

Servicing: Toyota, Kia

Pulley SP, Grooves 5, B+ M6, Length 162.50

A: 90.00 B: 58.00 mm



111477 Alternator 14 V, 90 Amp

Replacing: 0120485038, 0123320001, 0123320007, 0123320017, 0123320024, 0123340003, 9123320007

Servicing: VW, Seat, Ford, Skoda

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 187.00

A: 40.00 B: 13.50 C: 59.00 mm



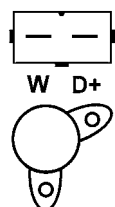
111478 Alternator 14 V, 90 Amp

Replacing: 0123320016, 0123320052, 0123320054, 9123320016

Servicing: Audi, VW

Pulley SP, Grooves 5, B+ M8, Length 185.00

A: 35.00 B: 14.00 C: 82.00 mm



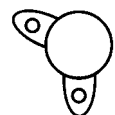
111479 Alternator 14 V, 90 Amp

Replacing: 0120485036, 0123320002, 0123320006, 0123340002

Servicing: Seat, VW

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 185.00

A: 39.00 B: 14.00 C: 59.00 mm



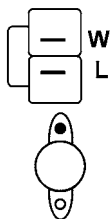
111514 Alternator 14 V, 100 Amp

Replacing: 0123505003

Servicing: Opel, Saab, Vauxhall

Pulley SP, Grooves 6, B+ M8, Length 183.00

A: 52.00 B: 34.00 C: 56.00 mm



111515 Alternator 14 V, 70 Amp

Replacing: F002G10951

Servicing: Opel, Vauxhall, AC, Isuzu

Pulley P, Grooves 1, B+ M8, Length 215.00

A: 42.50 B: 13.00 C: 78.50 mm



111528 Alternator 28 V, 55 Amp

Replacing: 0120469523, 0986033840, 0986033840

Servicing: Volvo, Volvo BM, Volvo Penta

Terminal W, Pulley w/o, B+ M8, Length 180.75

B: 51.50 mm



111620 Alternator 14 V, 65 Amp

Replacing: 0120488254, 0120489137, 0120489272, 0120489273, 0120489307, 0120489308, 0120489318, 0120489319

Servicing: Alfa Romeo, Fiat, LanciaAbarth, Ferrari, Pininfarina, Various Agriculture Vehicles

Pulley SP, Grooves 5, B+ M6, Length 172.00

A: 47.75 B: 16.30 C: 63.00 mm



111629 Alternator 28 V, 120 Amp

Replacing: 0120600579, 0120689503, 0120689506, 0120689508, 0120689512, 0120689513, 0120689515, 0120689520

Servicing: MAN, Mercedes-Benz, Setra

Terminal W, Pulley w/o, B+ M8, Length 310.50

B- M8. Shaft 30.00 mm.

B: 15.00 C: 180.00 mm



111631 Alternator 28 V, 55 Amp

Replacing: 0120469018, 0120469033, 0120469044, 1986A00163, 6033G3020B, 6033G3073B, 6033GB3020

Servicing: Volvo

Terminal W, Pulley w/o, B+ M8, Length 185.00, Insulated return Yes

B: 14.10 C: 100.00 mm



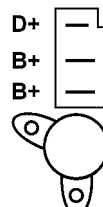
111649 Alternator 14 V, 33 Amp

Replacing: 0120300517, 0120300518, 0120300562, 0120339511, 0120339512, 0120339513, 0120339543, 0120339544

Servicing: Claas, Eicher, John Deere, Same, Lamborghini

Pulley P, Grooves 1, B+ M6, Length 168.50

A: 76.00 B: 56.00 mm



111653 Alternator 14 V, 45 Amp

Replacing: 0120489014, 0120489015, 0120489062, 0120489250, 0120489858, 0120489859, 0120489860, 0120489892

Servicing: Audi, VW

Pulley P, Grooves 1, B+ 9.70, Length 188.00

A: 109.50 B: 56.00 mm



111658 Alternator 28 V, 55 Amp

Replacing: 0986033840

Servicing: Volvo, Volvo BM, Volvo Penta, Renault, Renault V.I.

Terminal W, Pulley w/o, B+ M6, Length 185.00, Insulated return Yes

B: 50.75 mm



111662 Alternator 14 V, 33 Amp

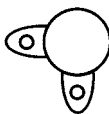
Replacing: 0120339521, 0120339536

Servicing: Case, Ferrari, Goldoni, Lombardini, Agrifull, Arona

Terminal W, Pulley w/o, B+ M6, Length 156.00

Alternative no.: 116131

B: 56.00 mm



111676 Alternator 14 V, 90 Amp

Replacing: 0120485019, 0120485020, 0123320003, 0123320048, 0123340001, B120411182

Servicing: Audi, VW, Skoda

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 198.00

A: 41.00 B: 14.80 C: 59.00 mm



111686 Alternator 14 V, 65 Amp

Replacing: 0120488250, 0120488251, 0120489018, 0120489136, 0120489152, 0120489153, 0120489212, 0120489219

Servicing: Alfa Romeo, Fiat, Lancia, Lancia, Lamborghini, Laverda

Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50

A: 49.50 B: 17.00 C: 64.50 mm



111732 Alternator 14 V, 120 Amp

Replacing: 0123212002, 0123212003, 0123505001, 0123510063, 0124515086, 1986A00596, 1986A00849, 1986A01153

Servicing: Opel, Vauxhall

Pulley SP, Grooves 6, B+ M8, Length 182.00

A: 51.70 B: 34.00 C: 56.00 mm



111746 Alternator 28 V, 80 Amp

Replacing: 0120468093, 0120468135, 0120468144, 1986A00160, 1986A00747, 1986A01101, 6033GB3021

Servicing: Volvo

Terminal W, Pulley w/o, Fan EF, B+ M8, Length 189.00

B: 14.50 C: 103.50 mm



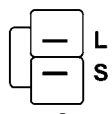
111795 Alternator 14 V, 80 Amp

Replacing: 9124476602

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 164.00

A: 12.50 B: 72.00 C: 53.00 mm



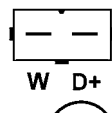
111812 Alternator 14 V, 90 Amp

Replacing: 9120335000, 9120335001

Servicing: Nissan

Pulley DP, Grooves 2, B+ M6, Length 246.00

A: 42.00 B: 13.00 C: 81.00 mm



111820 Alternator 14 V, 90 Amp

Replacing: 0123320008, 0123320019, 0123320027, 0123320034

Servicing: Skoda, Audi, VW

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 185.40

A: 39.50 B: 14.00 C: 59.00 mm



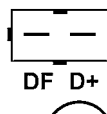
111824 Alternator 14 V, 70 Amp

Replacing: 0123110008, 0124225001, 0124225018, 0124225022, 0124225041, 0124225049

Servicing: Opel, Vauxhall

Pulley SP, Grooves 5, B+ M8, Length 180.75

A: 53.00 B: 33.70 C: 56.00 mm



111828 Alternator 14 V, 120 Amp

Replacing: 0123515017, 0123515020

Servicing: VW, Seat, VolvoFord

Pulley SP/FW, Grooves 6, B+ M8, Length 200.00

A: 40.50 B: 14.10 C: 59.00 mm



111833 Alternator 28 V, 140 Amp

Replacing: 0120689530, 0120689574, 0120689587, 0120689603, 0120689606, 1986A00007

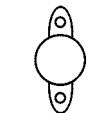
Servicing: Mercedes-Benz, Drögmöller, Setra, Various Agriculture Vehicles

Terminal W, Pulley w/o, B+ M8, Length 302.00

B- M8. Shaft 30.00 mm. w/ bushing in rear bracket hole.

Alternative no.: 116063

B: 15.70 C: 182.00 mm



111834 Alternator 28 V, 55 Amp

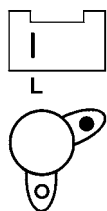
Replacing: 0120400905, 0120469569, 0120469643, 0120469693, 0120469763, 0120469807, 0120469826, 0120469900

Servicing: Scania, Pegaso

Terminal W, Pulley w/o, B+ M8, Length 180.00

Heavy duty type: HC-CARGO 112182 (80 A).

B: 80.00 mm



111841 Alternator 14 V, 50 Amp
 Replacing: 0120489467, 0120489476
 Servicing: Citroen, Peugeot
 Pulley P, Grooves 1, B+ M6, Length 167.00
 A: 95.50 B: 56.00 mm



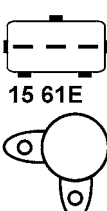
111842 Alternator 28 V, 140 Amp
 Replacing: 0120689504, 0120689506, 0120689507, 0120689517, 0120689522, 0120689527, 0120689540, 0120689541
 Servicing: Heuliez, Ikarus, Irisbus, Iveco, MAN, Mercedes-Benz, Neoplan
 Terminal W, Pulley w/o, B+ M8, Length 313.00
 B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm



111843 Alternator 14 V, 95 Amp
 Replacing: 0120484011, 0120484018, 0120484026, 0120484050, 0120484218, 1986A00752, 1986A00754, 1986A01128
 Servicing: Case, Agco, Atlas Copco, Bomag, Case IH, Caterpillar, Clark, Cummins, Doosan, Hitachi, Hoist, Hyundai
 Terminal W, Pulley w/o, B+ M8, Length 174.00
 B- M8.
 B: 51.00 mm



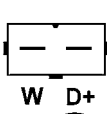
111850 Alternator 14 V, 143 Amp
 Replacing: 0123510004, 0123510018, 0123510021, 0123520007, 0123520008
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8, Length 191.00
 A: 81.80 B: 56.00 mm



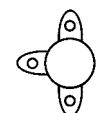
111873 Alternator 14 V, 80 Amp
 Replacing: 0123315013, 0123325010, 1986A00671
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8, Length 235.00
 A: 69.00 B: 28.00 C: 76.30 mm



111883 Alternator 14 V, 115 Amp
 Replacing: 0123510038, 0123510049, 0123510080, 0123510101
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8, Length 205.00
 A: 92.00 B: 56.00 mm



111884 Alternator 14 V, 90 Amp
 Replacing: 0123310049, 0123320038
 Servicing: Seat, VW
 Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 188.00
 A: 39.50 B: 14.00 C: 61.50 mm



111886 Alternator 28 V, 65 Amp
 Replacing: 0120468131, 1986A00157, 1986A01360, 6033GB3033, 6033GB3034
 Servicing: Scania, Toyota
 Terminal W, Pulley w/o, B+ M8, Length 190.00
 B: 23.25 C: 68.70 mm



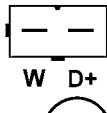
111888 Alternator 14 V, 65 Amp
 Replacing: 0120488205, 0120488293, 0120489475, 1986A00755, 1986A01129, 9120060040, F005A00023
 Servicing: Case, Bomag, Case IH, Cummins, Gehl, Ingersoll-Rand, Ingram, John Deere, Kohler, Komatsu, New Holland
 Terminal W, Pulley SP, Grooves 8, B+ M8, Length 192.00
 A: 81.00 B: 50.60 mm



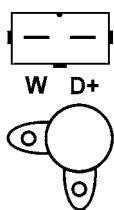
111890 Alternator 14 V, 90 Amp
 Replacing: 0123320041, 0123320046, 0123340007, 0124325227, 1986A00814
 Servicing: Mercedes, Mercedes-Benz, Multicar
 Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 192.00
 A: 92.00 B: 56.00 mm



111893 Alternator 14 V, 70 Amp
 Replacing: 0123310012
 Servicing: Citroen, Fiat, Peugeot
 Pulley SP, Grooves 6, B+ M8, Length 177.00
 A: 91.45 B: 56.00 mm



111898 Alternator 14 V, 120 Amp
 Replacing: 0123505016, 0123510026, 0123515016, B120510614
 Servicing: VW
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 205.00
 A: 40.00 B: 14.25 C: 61.00 mm

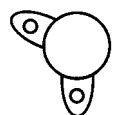

111899 Alternator 14 V, 90 Amp

Replacing: 0123320018

Servicing: VW

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 188.00

A: 39.50 B: 14.00 C: 61.00 mm

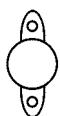

111902 Alternator 14 V, 115 Amp

Replacing: 0123510022, 0123510050, 0123510068, 0123510079, 0123510081, 0123510100

Servicing: Mercedes-Benz, VW

Pulley SP, Grooves 6, B+ M8, Length 186.00

A: 82.00 B: 56.10 mm


111937 Alternator 14 V, 75 Amp

Replacing: 1986A00678

Servicing: Opel, Renault, Vauxhall

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 192.00

A: 52.00 B: 27.00 C: 66.00 mm


111967 Alternator 14 V, 90 Amp

Replacing: 0124325023

Servicing: Mercedes-Benz

Pulley SP, Grooves 5, B+ M8, Length 177.00

A: 30.00 B: 140.00 C: 41.20 mm


111978 Alternator 14 V, 120 Amp

Replacing: 0120484015, 0120484021, 6033GB2009

Servicing: Claas, Fendt

Terminal W, Pulley w/o, B+ M8, Length 170.00

B: 56.00 mm


111980 Alternator 14 V, 70 Amp

Replacing: 0123310033, 0123310051

Servicing: Nissan, Ford

Pulley P, Grooves 1, B+ M8, Length 179.00 No W terminal.

A: 42.00 B: 13.00 C: 80.90 mm

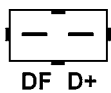

111987 Alternator 28 V, 55 Amp

Replacing: 0120469010, 0120469022, 0120469023, 0120469026, 0120469027, 0120469031, 0120469048, 0120469108

Servicing: Iveco

Terminal W, Pulley w/o, B+ M8, Length 178.00

B: 17.00 C: 63.80 mm


111988 Alternator 14 V, 120 Amp

Replacing: 0123505011, 0123505012, 0123505016, 0123510027, 0123515009, 0123515014, 0123515018

Servicing: VW, Ford, Seat, Volvo

Pulley SP, Grooves 6, B+ M8, Length 194.00

A: 39.00 B: 13.90 C: 59.00 mm


111989 Alternator 14 V, 90 Amp

Replacing: 0124325003, 0124325135, 0124325137, 1986A00779, 1986A00804

Servicing: Audi, Seat, Skoda, VW

Pulley SP, Grooves 6, B+ M8, Length 186.50

Alternative no.: 115482 5★

A: 39.60 B: 14.00 C: 61.00 mm


111990 Alternator 14 V, 70 Amp

Replacing: 0124225002, 0124225024, 0124225046, 0124225050, 1986A00584

Servicing: Opel, Vauxhall, Fiat

Pulley SP, Grooves 5, B+ M8, Length 178.00

A: 55.00 B: 33.50 C: 56.00 mm


112002 Alternator 14 V, 120 Amp

Replacing: 0124515010, 0124515011, 0124515012, 0124515110, 0124515117, 0124515119, 0124515121, 0124515123

Servicing: Audi, Ford, Seat, Skoda, VW

Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 180.00

Alternative no.: 115483 5★

A: 39.00 B: 14.50 C: 61.00 mm

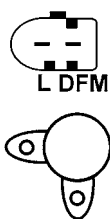

112038 Alternator 28 V, 100 Amp

Replacing: 0120468066

Servicing: Timberjack

Terminal W, Pulley w/o, B+ M8, Length 176.00

B: 56.00 mm



112043 Alternator 14 V, 90 Amp
 Replacing: 0124325004, 0124325250, 1986A00780
 Servicing: VW
 Terminal DF, Pulley SP, Grooves 6, B+ M8, Length 184.50
 A: 40.00 B: 14.00 C: 61.00 mm



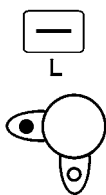
112046 Alternator 14 V, 95 Amp
 Replacing: 0120484001, 0986041840, 0986041840
 Servicing: Deutz-Fahr, Iveco
 Terminal W, Pulley w/o, B+ M8, Length 170.00
 B: 56.00 mm



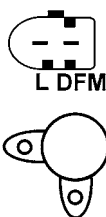
112056 Alternator 14 V, 70 Amp
 Replacing: 0120488100, 0120488168, 0120488169, 0120488186, 0120488187, 0120488202, 0120488204, 0120489341
 Servicing: Opel, Vauxhall
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 165.00
 A: 87.00 B: 56.00 mm



112062 Alternator 14 V, 115 Amp
 Manufacturer: Bosch
 Replacing: 0123512500, 0124515126, 0986046030, 1986A00854, 1986A01112, 0986046030
 Servicing: John Deere lawn equipment w/ cooling eng, AGCO, Atlas Copco, Case IH, Caterpillar, Claas, Cummins, Gehl, Ingersoll-Rand, Kohler, Liebherr
 Pulley w/o, B+ M8, Length 177.00
 SP/FW: HC-CARGO 235718 can be used.
 B: 56.00 mm



112072 Alternator 14 V, 120 Amp
 Replacing: 0124515019, 0124515054, 0124515210, 1986A00838, 1986A00845
 Servicing: Volvo
 Pulley SP/FW, Grooves 6, B+ M8, Length 194.00
 A: 44.50 B: 20.20 C: 82.00 mm



112075 Alternator 14 V, 70 Amp
 Replacing: 0124315003, 0124315004, 0124315006, 0124315035, 1986A00772
 Servicing: VW, Audi, Skoda, Seat
 Pulley SP, Grooves 6, B+ M8, Length 182.00
 A: 40.00 B: 14.00 C: 60.75 mm



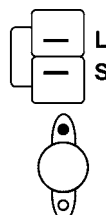
112076 Alternator 28 V, 80 Amp
 Replacing: 0120468065, 0120468094, 0120468116, 0120468124, 0120468129, 0120468130, 0120468139, 0120468999
 Servicing: Citroen, Iveco, Scania, Renault VI, Heuliez, Irisbus, Renault V.I.
 Terminal W, Pulley w/o, B+ M8, Length 183.00
 B: 27.00 C: 71.00 mm



112078 Alternator 14 V, 120 Amp
 Replacing: 0124515017, 0124515018
 Servicing: Volvo, Citroen
 Pulley SP, Grooves 6, B+ M8, Length 194.00
 A: 44.50 C: 82.00 mm



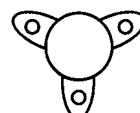
112079 Alternator 14 V, 90 Amp
 Replacing: 0124325001, 0124325012, 0124325073, 0124325088, 0124325101, 0124325131, 0124325149, 0124325260
 Servicing: VW, Ford, Audi, Seat, SkodaLinde
 Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
 Alternative no.: 114789
 A: 39.00 B: 14.00 C: 61.00 mm



112086 Alternator 14 V, 60 Amp
 Replacing: 9120334631, 9120334632
 Servicing: Nissan, Ford, Audi
 Pulley P, Grooves 1, B+ M6, Length 247.00
 A: 42.00 B: 13.10 C: 80.40 mm



112097 Alternator 28 V, 30 Amp
 Replacing: 0120488252, 0120488253, 0120489410, 0120489412, 0120489414, 0120489612, 0120489638, 0120489639
 Servicing: Iveco, Allis Chalmers, Astra, Fahr, Fiat, Laverda
 Pulley P, Grooves 1, B+ M6, Length 174.00
 A: 45.00 B: 17.00 C: 63.00 mm



112098 Alternator 14 V, 65 Amp
 Replacing: 0120400369, 0120400600, 0120400601, 0120400602, 0120400603, 0120400606, 0120400607, 0120400611
 Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, Zetor, Agco, Atlas Copco, Bomag, Caterpillar, Deutz-Fahr, Fendt, Ingersoll-Rand, JCB, John Deere, Komatsu
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 171.00
 A: 80.50 B: 56.00 mm



112144 Alternator 14 V, 98 Amp

Replacing: 0124325024, 0124325031, 0124325175, 0124325184, 0124325185, 0124325263, 0124415007, 0124415013

Servicing: Dacia, Nissan, Renault

Pulley SP/FW, Grooves 6, B+ M8, Length 194.00

A: 19.50 B: 80.10 C: 40.50 mm



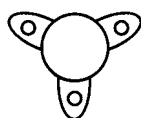
112149 Alternator 14 V, 65 Amp

Replacing: 0120489185, 0120489362, 0120489363, 0120489365, 0120489436, 0120489437, 0120489443, 1986A00757

Servicing: Audi, VW, Seat

Terminal W, Pulley P, Grooves 1, B+ M8

A: 109.80 B: 56.00 mm



112159 Alternator 28 V, 80 Amp

Replacing: 0120468053, 0120468106, 0120468107, 0120468113, 0120468115, 0120468117, 0120468118, 0120468137

Servicing: Daf, Man, Mercedes-Benz, Renault V.I.

Terminal W, Pulley w/o, B+ M8, Length 186.00

B: 80.40 mm



112160 Alternator 28 V, 75 Amp

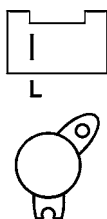
Replacing: 0986081030, 0986081030

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack, International Harv.

Pulley w/o, B+ M6, Length 215.50

Replacing: 21Sl. One wire system.

B: 14.25 C: 101.50 mm



112162 Alternator 14 V, 70 Amp

Replacing: 0120488216

Servicing: Citroen, Peugeot, Citroen

Pulley SP, Grooves 4, B+ M6,

Length 158.00

A: 45.50 B: 27.00 C: 66.00 mm



112170 Alternator 28 V, 45 Amp

Replacing: 0120488206, 0120488294, 0120489071, 0120489481

Servicing: Case, Komatsu, John Deere

Terminal W, Pulley w/o, Fan EF, B+ M8, Length 172.30

Dust proof.

B: 51.00 mm



112189 Alternator 28 V, 80 Amp

Replacing: 0120468140, 0120468154, 0120468162, 1986A00161, 1986A00162

Servicing: Renault V.I.

Terminal W, Pulley w/o, Fan EF, B+ M8, Length 185.50, Insulated return Yes

B: 27.00 C: 71.25 mm



112190 Alternator 14 V, 90 Amp

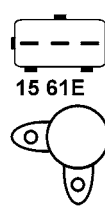
Replacing: 0124325009, 0124325058, 0124325059, 0124325145, 0124415011, 1986A00523, 1986A00524, 1986A00788

Servicing: Fiat, Lancia

Pulley SP, Grooves 5, B+ M8,

Length 194.00

A: 58.35 B: 25.00 C: 70.65 mm



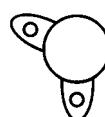
112193 Alternator 14 V, 120 Amp

Replacing: 0123325022, 0123515004, 0123515022, 0124515050, 0124515052, 1986A01099

Servicing: BMW

Pulley SP, Grooves 6, B+ M8, Length 236.00

A: 69.00 B: 28.00 C: 74.50 mm



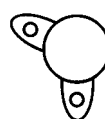
112194 Alternator 14 V, 120 Amp

Replacing: 0120465003, 0120465004, 0120465015, 0123500001, 0123510002, 0123510023, 0123540002, 0123540003

Servicing: Mercedes-Benz, Ssangyoung, Dodge, Ssangyong, Various Agriculture Vehicles

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 184.00

A: 92.20 B: 56.00 mm



112196  Alternator 14 V, 143 Amp

Manufacturer: Bosch

Replacing: 0123510060, 0123510074, 0123510075, 0124615053, 0986041060, 0986043130, 1986A00813, 1986A00944

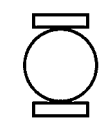
Servicing: Fendt, Mercedes-Benz

Pulley w/o, B+ M8, Length 177.00

Bosch Type.

Alternative no.: 115987

B: 56.00 mm



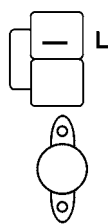
112197 Alternator 14 V, 115 Amp

Replacing: 0123510082, 0123510107, 0123510108, 0124515064, 0124515091, 0124515114, 0124515118, 0124515213

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, B+ M8, Length 176.00

A: 31.00 B: 69.80 C: 56.00 mm



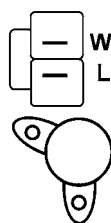
112207 Alternator 14 V, 70 Amp
 Replacing: 9120334635
 Servicing: Nissan
 Pulley DP, Grooves 2, B+ M6,
 Length 250.50
 A: 41.85 B: 13.00 C: 80.00 mm



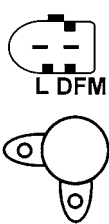
112229 Alternator 14 V, 70 Amp
 Replacing: 0123120001, 0124225028
 Servicing: Opel, Vauxhall
 Pulley SP, Grooves 6, B+ M8,
 Length 183.00
 A: 51.00 B: 33.50 C: 57.50 mm



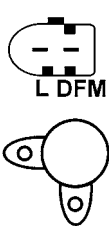
112230 Alternator 14 V, 80 Amp
 Replacing: 0120335012
 Servicing: Peugeot, Citroen, Fiat, Suzuki
 Pulley SP, Grooves 6, B+ M8,
 Length 180.00
 A: 42.00 B: 27.20 C: 66.50 mm



112271 Alternator 14 V, 100 Amp
 Replacing: F002G90229
 Servicing: Opel, Vauxhall, Honda
 Terminal W, Pulley SP, Grooves 6,
 Fan IF, B+ M8, Length 223.00
 A: 36.00 B: 12.90 C: 66.10 mm



112273 Alternator 14 V, 70 Amp
 Replacing: 0124315005
 Servicing: Seat, VW, Skoda
 Pulley SP, Grooves 6, B+ M8,
 Length 185.00
 A: 41.00 B: 14.00 C: 60.80 mm



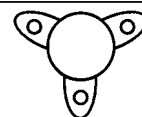
112274 Alternator 14 V, 90 Amp
 Replacing: 0124325013, 0124325032,
 0124325150, 1986A00782, 1986A01103
 Servicing: VW, Skoda, Seat
 Pulley SP, Grooves 6, B+ M8,
 Length 185.00
 A: 39.50 B: 14.10 C: 61.40 mm



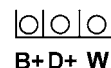
112288 Alternator 28 V, 55 Amp
 Replacing: 0120450007, 0120450010,
 0120450015, 0120469579, 0120469580,
 0120469752, 0120469753, 0986034070
 Servicing: Iveco, Mercedes-Benz, SteyrMAN
 Terminal W, Pulley w/o, B+ M8,
 Length 177.50
 B: 56.00 mm



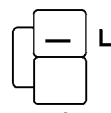
112302 Alternator 28 V, 120 Amp
 Replacing: 0120689516, 0120689524,
 0120689538, 0120689539, 0120689550,
 1986A00010
 Servicing: Iveco, VW
 Terminal W, Pulley w/o, B+ M8,
 Length 313.00, Insulated return Yes
 B- M8.
 B: 16.00 C: 86.00 mm



112310 5★ Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: 0120489533, 0120489534
 Servicing: BMW, VolvoVolvo BM
 Pulley P, Grooves 1, B+ M6,
 Length 168.00
 A: 74.00 B: 50.70 mm



112325 Alternator 14 V, 70 Amp
 Replacing: 9124476048, 0986036701
 Servicing: Ford
 Terminal W, Pulley SP, Grooves 5,
 B+ M6, Length 170.00
 D+ may be w/ M4.
 A: 33.00 B: 14.20 C: 75.50 mm



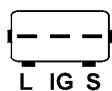
112329# Alternator 14 V, 70 Amp
 Replacing: 0120334625, 9120334625,
 9120334626
 Servicing: Nissan
 Terminal W, Pulley DP, Grooves 2,
 Fan EF, B+ M6, Length 250.00
 A: 43.00 B: 13.20 C: 80.40 mm



112343 Alternator 28 V, 140 Amp
 Replacing: 0120689511, 0120689514,
 0120689543, 0120689548, 0120689552,
 0120689561, 0120689566, 0120689573
 Servicing: Renault V.I., Scania, Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 304.50
 B- M8. Shaft 30.00 mm.
 B: 15.30 C: 182.00 mm



112345 Alternator 28 V, 55 Amp
 Replacing: 0120469014, 0120469798
 Servicing: Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 179.50
 B: 51.50 mm



112356 Alternator 14 V, 80 Amp
 Replacing: 1986A00752
 Servicing: Toyota
 Pulley DP, Grooves 2, Fan IF, B+ M6,
 Length 167.00
 A: 93.00 B: 58.10 mm



112394 Alternator 14 V, 70 Amp
 Replacing: 6033GB4018, 9120334642
 Servicing: Nissan
 Pulley P, Grooves 1, Fan IF, B+ M6,
 Length 234.00
 A: 41.90 B: 13.50 C: 80.00 mm



112396 Alternator 14 V, 90 Amp
 Replacing: 0124325018, 0124325049
 Servicing: Audi, VW
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 174.00
 A: 30.00 B: 14.00 C: 60.85 mm



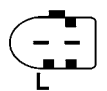
112397 Alternator 14 V, 120 Amp
 Replacing: 0124515026, 0124515083,
 0124515197, 1986A00575, 1986A00861
 Servicing: Audi, Skoda, VW
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 188.00
 A: 29.85 B: 14.10 C: 61.00 mm



112399 Alternator 14 V, 90 Amp
 Replacing: 0124325017, 0124325019,
 0124325036, 1986A00783, 1986A01137
 Servicing: Audi, VW, Skoda
 Pulley SP, Grooves 5, B+ M8,
 Length 163.50
 A: 34.65 B: 14.00 C: 82.50 mm



112406 Alternator 14 V, 90 Amp
 Replacing: 0123315500, 0123315503
 Servicing: Iveco
 Pulley P, Grooves 1, B+ M8,
 Length 200.50
 A: 48.30 B: 14.00 C: 82.00 mm



112407 Alternator 14 V, 90 Amp
 Replacing: 0124320001, 1986A00520
 Servicing: Iveco, Multicar
 Pulley SP, Grooves 6, B+ M8,
 Length 190.50
 A: 46.50 B: 14.00 C: 82.00 mm



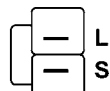
112413 Alternator 14 V, 90 Amp
 Replacing: 0123315022, 0123325011,
 0123325015
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8,
 Length 206.00
 A: 47.00 B: 20.00 C: 74.00 mm



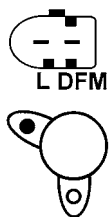
112414 Alternator 14 V, 85 Amp
 Replacing: 0124225010, 0124225011
 Servicing: Rover, MG
 Pulley SP, Grooves 5, B+ M8,
 Length 177.50
 A: 89.50 B: 58.00 mm



112416 Alternator 14 V, 100 Amp
 Replacing: 0124415002, 0124425022,
 1986A00595, 1986A00821, 1986A01146
 Servicing: Opel, Vauxhall, Holden
 Pulley SP, Grooves 5, B+ M8,
 Length 180.00
 A: 53.50 B: 33.50 C: 58.30 mm



112418 Alternator 14 V, 90 Amp
 Replacing: 0124325008
 Servicing: Mitsubishi
 Pulley SP, Grooves 5, B+ M8,
 Length 180.00
 A: 38.00 B: 12.90 C: 66.40 mm



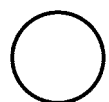
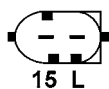
112419 Alternator 14 V, 70 Amp
 Replacing: 0124315014
 Servicing: Seat, Skoda
 Pulley SP, Grooves 5, B+ M8,
 Length 177.00
 A: 35.00 B: 14.00 C: 81.60 mm



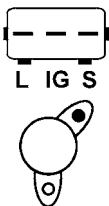
112424 Alternator 28 V, 140 Amp
 Replacing: 0120689562, 1986A00003
 Servicing: Scania
 Terminal W, Pulley w/o, B+ M8,
 Length 285.00
 B- M8. Shaft 30.00 mm.
 B: 15.50 C: 182.00 mm



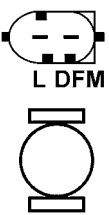
112425 Alternator 14 V, 150 Amp
 Replacing: 0123520023, 0124615015,
 0124615019, 0124615033, 0124615035,
 0124615066, 0124615070, 1986A00655
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 200.00
 A: 31.00 B: 70.00 C: 56.00 mm



112426 Alternator 14 V, 150 Amp
 Replacing: 01220AA1H0, 01220AA1J0,
 0122468015
 Servicing: BMW, Land Rover
 Pulley SP, Grooves 7, B+ M8,
 Length 160.00
 Water cooled.



112427 Alternator 28 V, 90 Amp
 Replacing: 0123525502
 Servicing: Iveco
 Pulley SP, Grooves 12, B+ M8,
 Length 198.00
 Alternative no.: 115871 ★
 A: 90.00 B: 57.60 mm



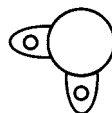
112428 Alternator 14 V, 150 Amp
 Replacing: 01220AA000, 01220AA0B0,
 01220AA0D0, 01220AA0R0, 01220AA1A0,
 01220AA1P0, 01220AA2A0, 01220AA3D0
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 160.00
 Water cooled.
 A: 41.00 B: 22.00 mm



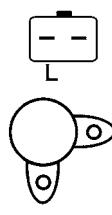
112453 Alternator 14 V, 85 Amp
 Replacing: 0120469646, 0120469647,
 0120469666, 0120469710
 Servicing: Alfa Romeo, Fiat, Iveco, Lancia
 Pulley w/o, B+ M8, Length 174.00
 B: 16.90 C: 63.00 mm



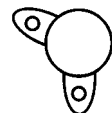
112460 Alternator 14 V, 150 Amp
 Replacing: 0124525206, 0124615002
 Servicing: Citroen, Lancia, Peugeot, Fiat
 Pulley SP, Grooves 6, B+ M8,
 Length 177.00
 A: 43.60 B: 22.00 C: 45.60 mm



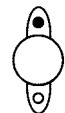
112461 Alternator 14 V, 150 Amp
 Replacing: 0124615027
 Servicing: Alfa Romeo, Citroen, Fiat,
 Peugeot, Suzuki, Lancia
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 188.00
 A: 43.50 B: 22.00 C: 45.00 mm



112471 Alternator 14 V, 125 Amp
 Replacing: 1986A00672, 1986A01327,
 F000BL0787
 Servicing: Opel, Nissan, Renault, Vauxhall,
 VolvoMitsubishi
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 179.00
 A: 32.50 B: 13.50 C: 60.90 mm



112480 Alternator 14 V, 90 Amp
 Replacing: 1986A00564
 Servicing: Citroen, Fiat, Lancia. Peugeot
 Pulley SP, Grooves 6, B+ M8,
 Length 174.00
 A: 42.00 B: 22.00 C: 46.00 mm



112493 Alternator 28 V, 65 Amp
 Replacing: 0120468054, 0120468147,
 1986A01124
 Servicing: Case, Cummins
 Terminal W, Pulley w/o, B+ 7/16" UNC,
 Length 232.00
 B: 14.00 C: 100.00 mm



112529 Alternator 14 V, 90 Amp

Replacing: 0123315501, 0123320010, 0123320045, 0123320061, 0123335003, 0986038176, 0986041040, 0986046000

Servicing: John Deere, Mercedes-Benz, Daewoo, Ssangyong

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 190.00

Alternative no.: 116129

A: 92.00 B: 56.10 mm



112530 Alternator 14 V, 120 Amp

Replacing: 0123510012, 0123510039, 0123510051, 0123510066, 0123510067

Servicing: Daewoo, Mercedes-Benz, Ssangyong

Pulley SP, Grooves 6, B+ M8, Length 201.00

A: 92.50 B: 56.10 mm



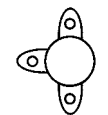
112535 Alternator 14 V, 120 Amp

Replacing: 0124515045, 1986A00844, 1986A01111

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, B+ M8, Length 192.90

A: 91.95 B: 56.00 mm



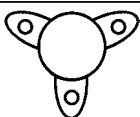
112557 Alternator 14 V, 120 Amp

Replacing: 0120465006, 0120465012, 0120500004, 0123213005, 0123213006, 0123310017, 0123310030, 0123315016

Servicing: Volvo, Renault

Pulley SP, Grooves 6, B+ M8, Length 180.00

A: 47.80 B: 21.00 C: 55.50 mm



112561 Alternator 28 V, 80 Amp

Replacing: 0120469115, 0120469116, 0120469117, 1986A00156, 1986A00748, 6033GB3019, 6033GB3022, 6033GB3027

Servicing: Mercedes-Benz, MAZ

Terminal W, Pulley w/o, B+ M8, Length 188.00

Alternative no.: 116654

B: 80.00 mm



112680 Alternator 14 V, 70 Amp

Replacing: 0123310029, 0123310053, B120411528

Servicing: Ford

Terminal W, Pulley SP, Grooves 6, B+ M6, Length 173.00

A: 33.50 B: 14.00 C: 80.00 mm



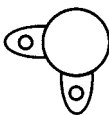
112681 Alternator 14 V, 80 Amp

Replacing: 1986A00814

Servicing: Fiat, Citroen

Pulley SP, Grooves 6, B+ M8, Length 190.00

A: 52.00 B: 27.00 C: 69.00 mm



112687 Alternator 14 V, 80 Amp

Replacing: 0120469967, 0120485048

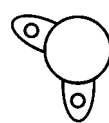
Servicing: BMW

Pulley SP, Grooves 6, B+ M8, Length 236.00

A: 69.00 B: 28.00 C: 76.50 mm



B+ D+ W



112698 Alternator 14 V, 100 Amp

Replacing: F010LD0201

Servicing: Ford, Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hyundai, Ingersoll-Rand, JCB

Terminal W, Pulley SP, Grooves 6, B+ M6, Length 178.00

A: 33.00 B: 14.10 C: 83.30 mm



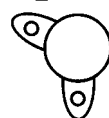
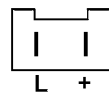
112720 Alternator 14 V, 100 Amp

Replacing: 0124415010

Servicing: Opel, Vauxhall

Pulley P, Grooves 1, B+ M8, Length 173.00

A: 53.50 B: 33.40 C: 57.00 mm



112728 Alternator 14 V, 55 Amp

Replacing: 9120144267, 9120144268, 9120144278

Servicing: Renault

Pulley P, Grooves 1, B+ M6, Length 176.00

A: 102.00 B: 56.00 mm



112729 Alternator 14 V, 90 Amp

Replacing: 0120469581, 0120469601, 0120469602, 0120469603, 0120469604, 0120469605, 0120469637, 0120469654

Servicing: VW, Audi

Terminal W, Pulley P, Grooves 1, B+ M8, Length 170.00

A: 84.00 B: 55.60 mm



112734 Alternator 14 V, 80 Amp

Replacing: 0120469744, 0120469745, 0120469746, 0120469811, 0120469812, 0120469894, 0120469896, 0120469897

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, B+ M8, Length 188.00

A: 91.50 B: 56.00 mm



112736 Alternator 14 V, 65 Amp

Replacing: 0120489756, 0986031330, 1986A00751, 0986031330

Servicing: Iveco, Deutz-Fahr

Terminal W, Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.00

A: 76.50 B: 56.00 mm



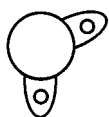
112742 Alternator 14 V, 90 Amp

Replacing: 0120400886, 0120469507, 0120469522, 0120469749

Servicing: Volvo, Volvo BM, Valtra

Terminal W, Grooves 2, B+ M8

A: 72.50 B: 51.00 mm



112746 Alternator 14 V, 80 Amp

Replacing: 0120469784, 0120469785, 0120469786, 0120469787, 0120469793

Servicing: Volvo

Pulley DP, Grooves 2, B+ M6, Length 163.00

A: 93.00 B: 71.00 mm



112747 Alternator 28 V, 55 Amp

Replacing: 0120469008, 0120469030, 0120469102, 0120469519, 0120469520, 0120469521, 0120469585, 0120469772

Servicing: Iveco, Renault, KHD, Ford, Deutz-Fahr

Terminal W, Pulley w/o, B+ M8, Length 177.00

B: 56.00 mm



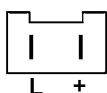
112750 Alternator 14 V, 90 Amp

Replacing: 0120468122, 0120469790, 0120469822, 0120469823, 0120469832, 0120469839, 0120469888, 0120469889

Servicing: Audi, Seat, VW

Pulley P, Grooves 1, B+ M8, Length 177.50

A: 31.50 B: 14.00 C: 82.00 mm



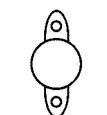
112756 Alternator 14 V, 60 Amp

Replacing: 9120144302, 9120144303

Servicing: Renault

Pulley P, Grooves 1, B+ M6, Length 160.00

A: 56.00 B: 27.00 C: 65.00 mm



112757 Alternator 28 V, 55 Amp

Replacing: 0120469920, 0120469963

Servicing: Scania, Volvo

Terminal W, Pulley w/o, B+ M8, Length 185.00, Insulated return No Bosch 0 120 469 963 = Insulated, HC-CARGO 112757 is not insulated return.

B: 27.50 C: 68.00 mm



112765 Alternator 14 V, 90 Amp

Replacing: 0120469021, 0120469722, 0120469723, 0120469813, 0120469814, B120500330, B120500331

Servicing: VW

Terminal W, Pulley P, Grooves 1, B+ M8, Length 185.00

A: 100.00 B: 55.80 mm



112768 Alternator 14 V, 55 Amp

Replacing: 0120488194, 0120488195, 0120489019, 0120489402, 0120489457, 0986036230, 0986031411, 0986031941

Servicing: Alfa Romeo, Goldline, Fiat, Goldoni

Terminal W, Pulley P, Grooves 1, B+ M6, Length 172.00

A: 47.00 B: 15.00 C: 70.00 mm



112773 Alternator 14 V, 135 Amp

Replacing: 0120468055, 1986A01125

Servicing: Case, John Deere, New Holland, Cummins

Terminal W, Pulley w/o, B+ 7/16" UNC, Length 222.50

B: 14.22 C: 100.00 mm



112780 Alternator 14 V, 90 Amp

Replacing: 0120469028, 0120469029, 0120469847, 0120469848, 0120469893, 0120469936, 0120469937, 0120469940

Servicing: BMW, Fiat, Lancia

Pulley SP, Grooves 5, B+ M8, Length 190.00

A: 48.75 B: 13.00 C: 82.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



112784 Alternator 28 V, 45 Amp
 Replacing: 0120488643, 0120489060, 0120489303
 Servicing: Volvo, Volvo Penta
 Terminal W, Pulley w/o, B+ M6, Length 174.00
 B: 50.00 mm



112799 Alternator 14 V, 100 Amp
 Replacing: 0120468084, 0120468085, 0120468119
 Servicing: VW
 Terminal W, Pulley P, Grooves 1, B+ M8
 A: 100.00 B: 56.00 mm



112803 Alternator 28 V, 80 Amp
 Replacing: 0120468037, 0120468114
 Servicing: Volvo
 Terminal W, Pulley w/o, B+ M8, Length 181.50
 B: 51.00 mm



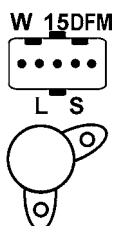
112806 Alternator 14 V, 120 Amp
 Replacing: 0120465007, 0120465008, 0120465022, 0120465023, 0123210061, 0123505007, 0123505009, 0123510014
 Servicing: Audi, VW, Vauxhall
 Pulley SP, Grooves 6, B+ M8, Length 198.00
 A: 30.00 B: 14.10 C: 82.00 mm



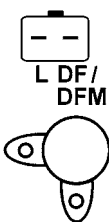
113186 Alternator 28 V, 55 Amp
 Replacing: 0120469032
 Servicing: Volvo
 Terminal W, Pulley w/o, B+ M8, Length 175.00
 Heavy duty type: HC-CARGO 113650 (80 A).
 B: 13.80 C: 83.00 mm



113187 Alternator 14 V, 85 Amp
 Replacing: 0120484009
 Servicing: Fiat, Lancia, Ferrari, Citroen
 Pulley w/o, B+ M6, Length 168.00
 B: 17.00 C: 70.10 mm



113188 Alternator 28 V, 70 Amp
 Replacing: 0124555005, 1986A00512, 1986A00914
 Servicing: Iveco, Ginat
 Terminal W, Pulley SP, Grooves 8, B+ M8, Length 194.00
 Alternative no.: 115484
 A: 36.50 B: 14.10 C: 80.90 mm



113246 Alternator 14 V, 90 Amp
 Replacing: 1986A00591
 Servicing: Citroen, Peugeot
 Pulley SP, Grooves 6, B+ M8, Length 179.00
 A: 42.50 B: 22.00 C: 45.40 mm



113252 Alternator 14 V, 140 Amp
 Replacing: 0124525010, 0124525089
 Servicing: VW, Audi, Skoda
 Pulley SP/FW, Grooves 5, B+ M8, Length 180.00
 A: 29.00 B: 14.00 C: 61.00 mm



113253 Alternator 14 V, 90 Amp
 Replacing: 1986A00567, 1986A00568
 Servicing: VW, Skoda, Seat
 Pulley SP, Grooves 6, B+ M8, Length 170.00
 A: 30.00 B: 14.00 C: 60.80 mm



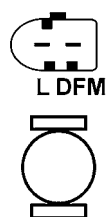
113265 Alternator 14 V, 120 Amp
 Replacing: 0124415023, 0124425010, 0124425021, 0124425024, 0124425025, 0124425028, 0124515085, 1986A00822
 Servicing: Opel, Vauxhall, Renault
 Pulley SP, Grooves 5, B+ M8
 A: 51.40 B: 33.90 C: 59.20 mm



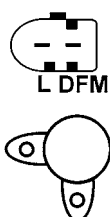
113272 Alternator 14 V, 140 Amp
 Replacing: 0124525001, 0124525014, 0124525029, 0124525529, 1986A00864, 1986A00895, 1986A01154
 Servicing: Volvo
 Pulley FW, Grooves 6, Fan IF, B+ M8, Length 191.00
 A: 45.00 B: 30.00 C: 82.00 mm



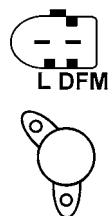
113273 Alternator 14 V, 140 Amp
 Replacing: 0124525016, 1986A00882
 Servicing: Saab
 Pulley SP, Grooves 6, B+ M8, Length 20.00
 A: 118.00 B: 56.00 mm



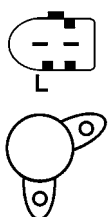
113274 Alternator 14 V, 200 Amp
 Replacing: 0124625002, 1986A00540, 1986A00948
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8
 A: 31.00 B: 93.35 C: 56.00 mm



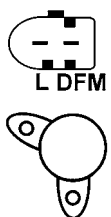
113275 Alternator 14 V, 120 Amp
 Replacing: 0124515022, 0124515101, 0124525027, 1986A00839
 Servicing: VW, Audi, Seat, Skoda
 Pulley SP/FW, Grooves 6, B+ M8, Length 198.50
 A: 39.50 B: 14.25 C: 61.35 mm



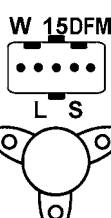
113279 Alternator 14 V, 110 Amp
 Replacing: 0124325053, 1986A00522, 1986A00786
 Servicing: Iveco, Fiat
 Pulley SP, Grooves 7, B+ M8, Length 188.50
 A: 40.50 B: 13.90 C: 81.25 mm



113280 Alternator 14 V, 90 Amp
 Replacing: 0124320002, 0124325052, 1986A00727
 Servicing: Renault VI, Iveco, Renault V.I.
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 191.00
 A: 46.75 B: 13.70 C: 81.10 mm



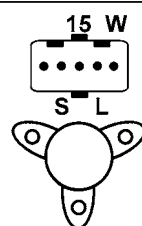
113283 Alternator 14 V, 120 Amp
 Replacing: 0124515027, 0124515030, 0124515034, 1986A00840
 Servicing: Audi, Skoda, VW
 Pulley SP, Grooves 5, B+ M8, Length 181.50
 A: 34.25 B: 14.00 C: 82.00 mm



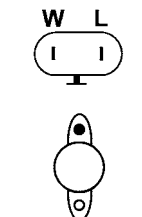
113284 Alternator 28 V, 80 Amp
 Replacing: 0124555003, 0124555040, 0124555041, 1986A00539, 1986A00925
 Servicing: DAF, Bova, Solaris
 Terminal W, Pulley w/o, B+ M8, Length 183.50
 Alternative no.: 115491 ★
 B: 80.50 mm



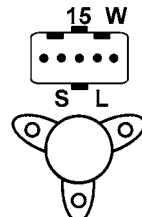
113285 Alternator 14 V, 75 Amp
 Replacing: 0124315019, 0124315027, 0124315100, B120416351
 Servicing: Ford
 Pulley SP/FW, Grooves 7, B+ M6, Length 218.50
 w/ single pulley: HC-CARGO 113544.
 A: 38.60 B: 55.25 C: 74.50 mm



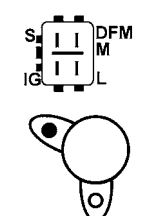
113289 Alternator 28 V, 90 Amp
 Replacing: 0123525501, 0123525507
 Servicing: MAN, Neoplan
 Terminal W, Pulley w/o, B+ M8, Length 189.00
 B: 80.20 mm



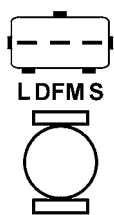
113291 Alternator 14 V, 55 Amp
 Replacing: 6033GB4009
 Servicing: Nissan
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 231.00
 A: 39.30 B: 13.40 C: 80.00 mm



113295 Alternator 28 V, 55 Amp
 Replacing: 0123325500, 0123325507
 Servicing: MAN
 Terminal W, Pulley w/o, B+ M8, Length 180.00
 B: 80.25 mm



113296 Alternator 14 V, 80 Amp
 Replacing: 0124315016, 0124315024, 0124315025, 0124315029, 0124315045, 1986A00451, 1986A00774
 Servicing: Toyota
 Pulley SP, Grooves 6, B+ M6, Length 169.00
 A: 33.45 B: 17.85 C: 40.00 mm



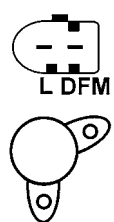
113298 Alternator 14 V, 105 Amp

Replacing: 0124415016, 0124415029, 0124415030, 0124415031, 0124415032, 0986047260

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 179.50

A: 40.00 B: 56.00 C: 75.00 mm



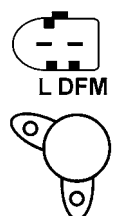
113300 Alternator 14 V, 120 Amp

Replacing: 0124515046, 0124515063, 0124515212, 1986A00183, 1986A00846, 1986A00863

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, B+ M8, Length 193.00

A: 92.00 B: 56.00 mm



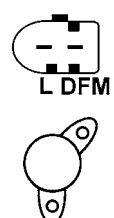
113301 Alternator 14 V, 90 Amp

Replacing: 0124325038, 0124325040, 0124325045, 1986A00785

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, B+ M8, Length 187.00

A: 91.50 B: 56.00 mm



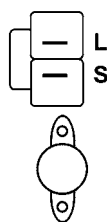
113302 Alternator 14 V, 120 Amp

Replacing: 0124515056, 0124515132, 0124515133, 1986A00856, F00E100545

Servicing: Mercedes-Benz, Chrysler

Pulley SP, Grooves 6, B+ M8, Length 184.50

A: 82.00 B: 56.00 mm



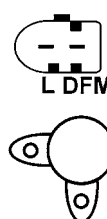
113324 Alternator 14 V, 90 Amp

Replacing: 1986A00938

Servicing: Nissan

Pulley P, Grooves 1, B+ M8, Length 164.00

A: 42.50 B: 13.00 C: 80.80 mm



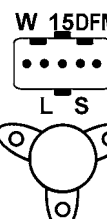
113340 Alternator 14 V, 70 Amp

Replacing: 0124315001, 0124315032

Servicing: VW, Audi, Skoda, Seat

Pulley SP/FW, Grooves 6, B+ M8, Length 192.50

A: 39.00 B: 14.00 C: 62.00 mm



113351 Alternator 28 V, 100 Amp

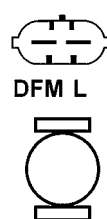
Replacing: 0124555001, 0124555002, 0124555004, 0124555007, 0124555011, 0124555016, 0124555022, 0124555023

Servicing: Mercedes-Benz, DAF, MAZ, VW

Terminal W, Pulley w/o, B+ M8, Length 196.00

Alternative no.: 115557 ★

B: 80.00 mm



113352 Alternator 14 V, 120 Amp

Replacing: 0124325168, 0124415009, 0124415025, 0124425004, 0124425019, 0124425053, 0124425056, 0124515033

Servicing: Vauxhall, Opel, Holden, Saab

Pulley SP, Grooves 5, B+ M8, Length 186.00

A: 32.00 B: 79.50 C: 57.00 mm



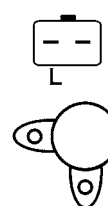
113376 Alternator 14 V, 55 Amp

Replacing: 0120400614, 0120400833, 0120400834, 0120488158, 0120489118, 0120489119, 0120489585, 0120489586

Servicing: Opel, Vauxhall, Lancia, Bedford, Fiat

Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.50

A: 76.60 B: 56.20 mm



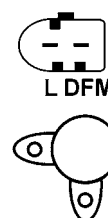
113403 Alternator 14 V, 75 Amp

Replacing: 1986A00566

Servicing: Renault, Nissan

Pulley SP, Grooves 3, B+ M8, Length 160.00

A: 53.50 B: 27.00 C: 66.50 mm



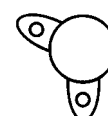
113407 Alternator 14 V, 150 Amp

Replacing: 1986A00674

Servicing: BMW

Pulley SP, Grooves 5, B+ M8, Length 192.00

A: 61.00 B: 27.90 C: 75.10 mm



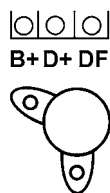
113442 Alternator 14 V, 90 Amp

Replacing: 0123320047, 0123320062

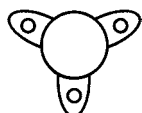
Servicing: Mercedes-Benz

Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 186.50

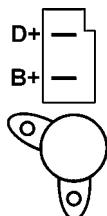
A: 84.80 B: 56.00 mm



113447 Alternator 14 V, 70 Amp
Replacing: 0123310023, 0123310050, 0123310054
Servicing: Ford, Mazda
Pulley SP, Grooves 6, B+ M6, Length 171.00
A: 32.50 B: 13.40 C: 78.50 mm



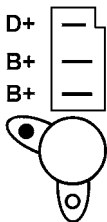
113448 Alternator 28 V, 100 Amp
Replacing: 0120468143, 0120468145, 0120469119, 0120501151, 1986A01059, 1986A01060, 1986A01102, 1986A01117
Servicing: Mercedes, Mercedes-Benz
Terminal W, Pulley w/o, B+ M8, Length 211.00
Alternative no.: 116585
B: 80.00 mm



113469 Alternator 14 V, 33 Amp
Manufacturer: Mahle Letrika
Replacing: 0120339526, 0986033070, 0986033070
Servicing: Marshall, Steyr
Pulley P, Grooves 1, B+ 9.40, Length 156.00 Dust proof.
A: 75.50 B: 55.90 mm



113470 Alternator 28 V, 35 Amp
Replacing: 0120488153, 0120488234, 0120488283
Servicing: Iveco, KHD, Agco, Agco Allis, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, John Deere, Liebherr
Terminal W, Pulley w/o, B+ M6, Length 174.00
B: 55.80 mm



113474 Alternator 14 V, 65 Amp
Manufacturer: Mahle Letrika
Replacing: 9124476014, 0986030760
Servicing: Austin, Rover, Ford, Landini, Massey Ferguson
Terminal W, Pulley P, Grooves 1, B+ Plug, Length 171.50
A: 35.90 B: 11.00 C: 82.55 mm



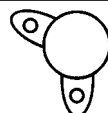
113477 Alternator 28 V, 55 Amp
Replacing: 0986033841, 0986033840, 0986033841
Servicing: Volvo BM, Ford, DAF, Volvo Penta
Terminal W, Pulley w/o, B+ M6, Length 184.00, Insulated return Yes
B: 50.80 mm



113485 Alternator 14 V, 80 Amp
Replacing: 0123310010
Servicing: Citroen, Peugeot, Fiat, Suzuki, Lancia
Pulley SP, Grooves 6, B+ M8, Length 166.00
A: 92.00 B: 56.00 mm



113486 Alternator 14 V, 90 Amp
Replacing: 0123320035, 0123320058
Servicing: Mercedes-Benz
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 168.50
A: 91.85 B: 56.00 mm



113489 Alternator 14 V, 150 Amp
Replacing: 0123520006, 0123520011, 0123520012, 0123520013, 0123520017, 1986A00770, 1986A01134
Servicing: Daewoo, Mercedes-Benz
Pulley SP, Grooves 6, B+ M8, Length 192.50
A: 82.30 B: 56.00 mm



113510 Alternator 14 V, 140 Amp
Replacing: 0123520004, 0124525008, 0124525087, 0124525520, 0124615007, 1986A00889, 1986A00935, 1986A01166
Servicing: Audi, VW, Skoda
Pulley SP, Grooves 6, B+ M8, Length 181.00
A: 30.00 B: 14.10 C: 82.00 mm



113531 Alternator 14 V, 120 Amp
Replacing: 0120484012, 0120484017, 0120484019, 0986039810, 9120060042, F005A00025, 0986039810
Servicing: John Deere lawn equipment w/ cooling eng
Terminal W, Pulley w/o, B+ M8, Length 172.00
B: 56.20 mm



113535 Alternator 14 V, 85 Amp
Replacing: 1986A00733
Servicing: Fiat, Lancia, Ford
Pulley SP, Grooves 5, Fan IF, B+ M8, Length 184.50
A: 16.30 B: 24.20 C: 51.00 mm



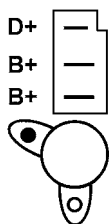
113536 Alternator 14 V, 90 Amp

Replacing: 0124325060, 0124325148, 0124325254

Servicing: Alfa Romeo, Lancia

Pulley SP, Grooves 6, B+ M8, Length 197.00

A: 44.50 B: 16.90 C: 54.30 mm



113574 Alternator 14 V, 65 Amp

Replacing: 0120489958, 0120489959, 0120489984

Servicing: Case, Valmet, Ford, New Holland, Valtra

Terminal W, Pulley P, Grooves 1, B+ Plug, Length 177.50

A: 36.85 B: 10.40 C: 83.00 mm



113575 Alternator 14 V, 80 Amp

Replacing: 1986A00591

Servicing: Peugeot, Citroen, Fiat

Pulley SP, Grooves 6, B+ M8, Length 162.00

A: 42.00 B: 22.00 C: 45.00 mm



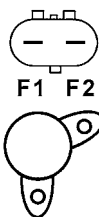
113603 Alternator 14 V, 80 Amp

Replacing: 1986A00741

Servicing: Citroen, Fiat, Peugeot

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 172.00

A: 42.00 B: 22.00 C: 46.00 mm



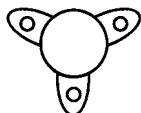
113607 Alternator 14 V, 136 Amp

Replacing: 0124525002, 1986A00682, 1986A00865

Servicing: Jeep, Dodge

Pulley SP, Grooves 6, B+ M8, Length 168.00

A: 27.00 B: 12.00 C: 68.00 mm



113611 Alternator 14 V, 90 Amp

Replacing: 0120469013, 0120469506, 0120469526, 0120469540, 0120469687, 0120469895, 0986033090, 0986034940

Servicing: Mercedes-Benz, VW, ClassClaas

Terminal W, Pulley w/o, B+ M8, Length 185.00

B: 80.10 mm



113632 Alternator 14 V, 85 Amp

Replacing: 0120060040, 0120484002, 0120484003, 0120484016, 0120484020, 0120488217, 0120489156, 0120489317

Servicing: John Deere lawn equipment w/ cooling engLada

Terminal W, Pulley w/o, B+ M8, Length 170.00

B: 56.10 mm



113640 Alternator 14 V, 150 Amp

Replacing: 0124525032, 0124525035, 1986A00532

Servicing: Fiat, Peugeot, Citroen, Lancia

Pulley SP/FW, Grooves 6, B+ M8, Length 177.50

A: 42.50 B: 21.20 C: 45.80 mm



113707 5★ Alternator 14 V, 200 Amp

Manufacturer: Bosch

Replacing: 0124625031, 1986A00957, 1986A01115

Servicing: John Deere, AGCO, Atlas Copco, Case IH, Caterpillar, Claas, Cummins, Gehl, Ingersoll-Rand, Kohler, Liebherr

Pulley w/o, B+ M8, Length 174.50

Alternative no.: 116623

B: 56.00 mm



113708 Alternator 14 V, 115 Amp

Replacing: 1986A00490

Servicing: Ford

Pulley SP/FW, Grooves 6, B+ M6, Length 166.00

A: 41.00 B: 55.00 C: 74.00 mm



113709 Alternator 14 V, 115 Amp

Replacing: 1986A00491

Servicing: Ford, Jaguar

Pulley SP, Grooves 6, B+ M6

A: 41.00 B: 55.00 C: 74.00 mm



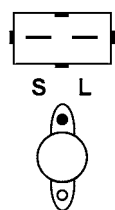
113710 Alternator 14 V, 125 Amp

Replacing: 1986A01123

Servicing: Ford

Pulley w/o, B+ M6

B: 14.00 C: 69.00 mm



113716 Alternator 14 V, 120 Amp

Replacing: 0120484028, 0120484049, 0120488296, 1986A00012, 9120060023, 9120060028, 9120060038, F0005A00020

Servicing: Thermo King, Yanmar

Terminal W, Pulley w/o, B+ M6, Length 167.50

B: 51.00 mm



113718 Alternator 14 V, 70 Amp

Replacing: 1986A00584

Servicing: Fiat, Lancia, Citroen, Renault

Pulley SP, Grooves 5, B+ M8, Length 184.60

A: 16.50 B: 23.50 C: 50.00 mm



113720 Alternator 14 V, 75 Amp

Manufacturer: Valeo

Replacing: 1986S00592

Servicing: Fiat, Opel, Suzuki, Vauxhall, Lancia

Pulley SP/FW, Grooves 6, B+ M8, Length 184.00

Alternative no.: 116064

A: 41.50 B: 64.00 C: 55.00 mm



113722 Alternator 14 V, 90 Amp

Manufacturer: Valeo

Replacing: 0124225063, 1986A00559

Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall, Alfa Romeo

Pulley SP/FW, Grooves 6, B+ M8, Length 187.00

Alternative no.: 115963

A: 40.20 B: 64.15 C: 56.00 mm



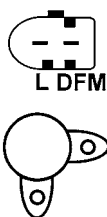
113751 Alternator 14 V, 120 Amp

Replacing: 0124515028, 0124515040, 0124515058, 1986A00841

Servicing: Audi, VW

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 165.00

A: 30.00 B: 14.00 C: 82.00 mm



113754 Alternator 14 V, 120 Amp

Replacing: 0124515013, 0124515020, 0124515021, 0124515038, 0124515068, 0124515209, 1986A00837, B120516076

Servicing: Volvo, VW

Pulley SP, Grooves 6, B+ M8, Length 193.00

A: 39.00 B: 14.10 C: 61.20 mm



113755 Alternator 14 V, 150 Amp

Replacing: 0124525034, 1986A00870

Servicing: Citroen, Peugeot, Fiat, Lancia, Suzuki, Toyota

Pulley SP, Grooves 6, B+ M8, Length 175.00

A: 43.00 B: 21.00 C: 45.10 mm



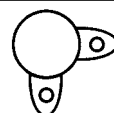
113758 Alternator 14 V, 120 Amp

Replacing: 0120468109, 0120489652, 0123510028, 0123515012, 0123515024

Servicing: Audi, VW, Skoda

Terminal DF, Pulley SP, Grooves 6, B+ M8, Length 188.00

A: 30.00 B: 13.90 C: 81.70 mm



113770 Alternator 14 V, 120 Amp

Replacing: 0123515003, F00E100029

Servicing: Audi, Ford, VW

Terminal DF, Pulley SP/FW, Grooves 5, B+ M8, Length 193.50

A: 30.00 B: 14.00 C: 60.60 mm



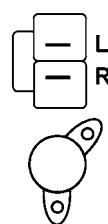
113786# Alternator 14 V, 90 Amp

Replacing: 6033GB5007, 6033GB5009, 9120335002

Servicing: Nissan

Pulley DP, Grooves 2, B+ M6, Length 243.00

A: 41.50 B: 13.20 C: 80.70 mm



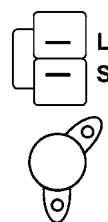
113791 Alternator 14 V, 70 Amp

Replacing: 0124220008, F000BL0101, F000BL0110

Servicing: Hyundai, Kia, Hyundai

Pulley SP, Grooves 4, B+ M8, Length 169.00

A: 38.50 B: 13.00 C: 48.00 mm



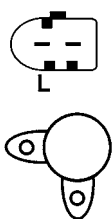
113792 Alternator 14 V, 110 Amp

Replacing: 1986A00751

Servicing: Kia, Hyundai

Pulley SP/FW, Grooves 7, B+ M8, Length 238.00

A: 43.00 B: 16.00 C: 55.00 mm

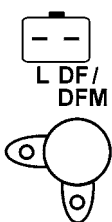


113835 Alternator 14 V, 120 Amp

Replacing: 0124515055, 0124515130, 0124515131, 1986A00855

Servicing: Mercedes, Mercedes-Benz
Pulley SP, Grooves 6, B+ M8, Length 181.00

A: 82.40 B: 56.00 mm



113837 Alternator 14 V, 150 Amp

Replacing: 0124525044, 0124525084, 0124525133, 0124525141, 0124525533, 0124525541, 1986A00898

Servicing: Opel, Renault, Nissan, Vauxhall
Pulley SP, Grooves 7, B+ M8, Length 186.00

A: 33.00 B: 14.30 C: 60.00 mm



113849 5★ Alternator 14 V, 150 Amp

Manufacturer: Denso

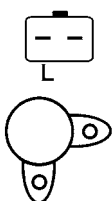
Replacing: 1986A00594

Servicing: Ford, Mazda, Volvo

Pulley SP/FW, Grooves 6, B+ M8, Length 164.50

Alternative no.: 116294

A: 42.50 B: 21.00 C: 45.00 mm



113862 5★ Alternator 14 V, 125 Amp

Manufacturer: Valeo

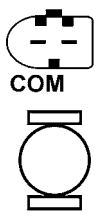
Replacing: 1986A00571

Servicing: Dacia, Nissan, Renault

Pulley SP/FW, Grooves 6, B+ M8, Length 188.60

Alternative no.: 116325

A: 38.35 B: 14.00 C: 61.00 mm



113871 5★ Alternator 14 V, 150 Amp

Manufacturer: Bosch

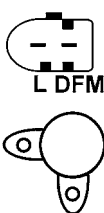
Replacing: 0124325030, 0124325062, 0124325099, 0124515098, 0124525042, 0124525045, 0124525059, 0124525561

Servicing: BMW

Pulley SP/FW, Grooves 6, B+ M8, Length 193.50

Alternative no.: 115867

A: 29.60 B: 62.85 C: 41.65 mm



113874 Alternator 14 V, 110 Amp

Replacing: 0124325056, 0124325081, 0124325090, 0124325125, 0124325127, 0124325160, 1986A00562

Servicing: Skoda, VW, Seat

Pulley SP, Grooves 6, B+ M8, Length 187.00

A: 39.30 B: 14.15 C: 61.15 mm



113877 5★ Alternator 14 V, 120 Amp

Manufacturer: Bosch

Replacing: 0124515088, 0124515198, 1986A00605, 1986A00862

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 7, B+ M8, Length 197.50

Alternative no.: 116322

A: 30.50 B: 69.90 C: 56.55 mm



113879 Alternator 14 V, 100 Amp

Replacing: 0124225004, 0124225023, 0124415005

Servicing: Opel, Vauxhall

Pulley SP, Grooves 6, B+ M8, Length 170.50

A: 50.50 B: 33.50 C: 59.10 mm



113882 Alternator 14 V, 120 Amp

Replacing: 0124515025

Servicing: Audi, VW

Pulley SP/FW, Grooves 5, B+ M8, Length 181.50

A: 34.40 B: 14.00 C: 82.60 mm



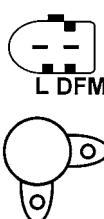
113883 Alternator 14 V, 90 Amp

Replacing: 1986A01121

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 165.50

A: 39.60 B: 54.80 C: 74.00 mm



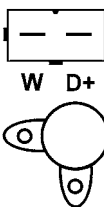
113884 Alternator 14 V, 150 Amp

Replacing: 0124525098, 0124525128, 0124615006, 0124615017, 0124615038, 0124615040, 0124615071, 1986A00940

Servicing: Ford, Seat, VW, Dodge, Jeep, Mitsubishi

Pulley SP/FW, Grooves 6, B+ M8, Length 201.50

A: 39.00 B: 14.35 C: 59.00 mm



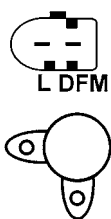
113885 Alternator 14 V, 150 Amp

Replacing: 0123520002

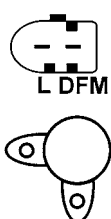
Servicing: Audi, Ford, Mercedes-Benz, Seat, VW

Terminal W, Pulley SP, Grooves 7, B+ M8, Length 208.50

A: 42.85 B: 14.15 C: 61.00 mm



113887 Alternator 14 V, 90 Amp
 Replacing: 0124325011, 0124325070, 0124325074, 0124325140
 Servicing: Audi, VW, Skoda
 Pulley SP, Grooves 6, B+ M8
 A: 40.00 B: 14.00 C: 61.00 mm



113888 Alternator 14 V, 90 Amp
 Replacing: 0124325021, 0124325022, 0124325035, 0124325097, 1986A00798, 1986A01138
 Servicing: VW, Nissan
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 188.00
 A: 39.00 B: 14.00 C: 59.00 mm



113889 Alternator 14 V, 90 Amp
 Replacing: 0123320051, 0123320065, 0124325039, 0124325046, 0124325093, 0124325105, 0124325256, 1986A00525
 Servicing: Mercedes-Benz
 Terminal W, Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 193.00
 A: 32.00 B: 70.00 C: 56.00 mm



113895 Alternator 28 V, 80 Amp
 Replacing: 0120468146, 6033GB3045, 6033GB3087
 Servicing: KHD, Various Industrial applications
 Terminal W, Pulley w/o, B+ M8, Length 180.00
 B: 56.00 mm



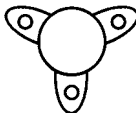
113899 Alternator 14 V, 150 Amp
 Replacing: 0123515502, 0124615029, 1986A00939, 1986A01169
 Servicing: John Deere
 Terminal W, Pulley SP, Grooves 8, B+ M8, Length 200.40
 A: 86.50 B: 56.00 mm



113912 Alternator 14 V, 80 Amp
 Manufacturer: Visteon
 Replacing: 1986A01122
 Servicing: Ford, Ford USA, Mazda
 Pulley SP/FW, Grooves 6, B+ M8, Length 151.00
 Alternative no.: 116362
 A: 42.50 B: 21.00 C: 45.00 mm



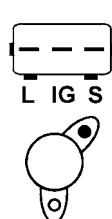
113913 Alternator 14 V, 110 Amp
 Replacing: 0124325100, 0124325248, 1986A00676
 Servicing: Ford
 Pulley SP/FW, Grooves 7, Fan IF, B+ M6, Length 196.40
 A: 40.00 B: 55.00 C: 74.00 mm



113920 Alternator 28 V, 35 Amp
 Replacing: 0120400728, 0120488256, 0120488277, 0120488278, 0120488291
 Servicing: Ford, MAN, Mercedes-Benz, Nissan, Padane
 Terminal W, Pulley w/o, B+ M8, Length 176.00
 B: 80.40 mm



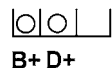
113922 Alternator 14 V, 120 Amp
 Replacing: 1986A00579
 Servicing: Ford, Mazda, Volvo
 Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
 A: 43.00 B: 22.00 C: 45.00 mm



113923 Alternator 28 V, 90 Amp
 Replacing: 0123525500, 0123525503, 0123525508
 Servicing: Iveco
 Pulley SP, Grooves 10, B+ M8, Length 213.00
 Alternative no.: 115879
 A: 90.00 B: 58.10 mm



113942 Alternator 14 V, 100 Amp
 Replacing: 0124415015
 Servicing: Alfa Romeo, Fiat, Lancia
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 202.00
 A: 44.50 B: 22.60 C: 54.27 mm



113943 Alternator 14 V, 100 Amp
 Replacing: 1986A00592
 Servicing: Alfa Romeo, Fiat, Lancia
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8
 A: 44.00 B: 22.20 C: 54.75 mm



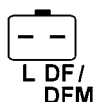
113944 Alternator 14 V, 200 Amp

Replacing: 0124625019, 0124625205, 1986A00541, 1986A00950

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, B+ M8, Length 160.00

A: 31.00 B: 93.00 mm



113945 Alternator 14 V, 150 Amp

Replacing: 0124525028, 0124525528

Servicing: Renault

Pulley SP/FW, Grooves 5, Fan IF, B+ M8, Length 195.00

A: 42.50 B: 14.00 C: 60.00 mm



113947 Alternator 14 V, 180 Amp

Replacing: 0121615013, 0121615025, 0121615029, 0121615129, 0121715004, 0121715104, 0124615031, 0124625013

Servicing: VW

Pulley FW, B+ M8, Length 172.00

B: 14.50 C: 61.00 mm



113949 Alternator 14 V, 150 Amp

Replacing: 0123515500, 0123515501, 0123515503, 0124525147, 0124615057, 0986047210, 1986A00884, 1986A00946

Servicing: Case IH, Claas, John Deere, Mercedes-Benz, Renault, Steyr

Terminal W, Pulley w/o, B+ M8, Length 185.00

B: 56.00 mm



113951 Alternator 14 V, 200 Amp

Replacing: 0124625006, 0124625204, 1986A00949

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 196.00

A: 31.00 B: 70.00 C: 56.00 mm



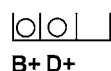
113953 Alternator 14 V, 200 Amp

Replacing: 0121615045, 0124625014, 0124625045, 0124625212, 1986A00543, 1986A00960

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, B+ M8

A: 30.50 B: 93.20 C: 55.50 mm



113955 Alternator 14 V, 105 Amp

Replacing: 0124425100

Servicing: Alfa Romeo, Fiat, Opel, Vauxhall

Pulley SP/FW, Grooves 6, B+ M8, Length 191.00

A: 112.50 B: 61.00 mm



113958 Alternator 14 V, 150 Amp

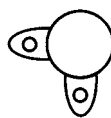
Replacing: 01210AA67B, 0121615001, 0121615002, 0121615101, 0121711017, 0125711017, 0125711059, 1986A00679

Servicing: Citroen, Fiat, Ford, Peugeot

Pulley SP/FW, Grooves 6, B+ M8

Alternative no.: 115499

A: 43.00 B: 92.80 C: 74.00 mm



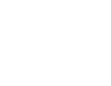
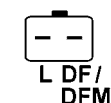
113992 Alternator 14 V, 140 Amp

Replacing: 0124525039, 0124525050, 0124525066, 0124525067, 0124525091, 0124525092, 0124525102, 0124525525

Servicing: Audi, Mitsubishi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 178.00

A: 39.00 B: 14.60 C: 61.30 mm



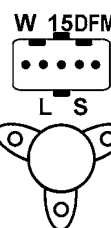
113994* Alternator 14 V, 155 Amp

Replacing: 0986049450

Servicing: Renault

Pulley SP, Grooves 7

Water cooled.



113998 Alternator 28 V, 110 Amp

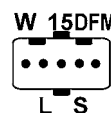
Replacing: 0124655011, 1986A00519, 1986A00970

Servicing: MAN

Terminal W, Pulley w/o, B+ M8, Length 198.00

Alternative no.: 115492

B: 79.50 mm



114007 Alternator 28 V, 80 Amp

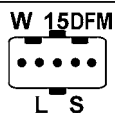
Replacing: 0124555013, 1986A00536, 1986A00918

Servicing: MAN

Terminal W, Pulley w/o, B+ M8

Alternative no.: 115486

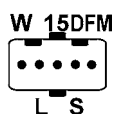
B: 80.00 mm



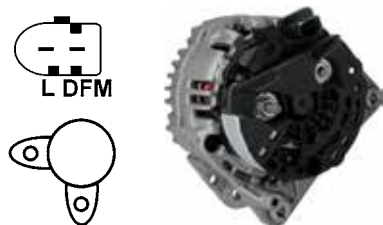
114008 Alternator 28 V, 80 Amp
 Replacing: 0124555014, 0124555015, 1986A00537, 1986A00919
 Servicing: MAN
 Pulley w/o, Fan IF, B+ M8, Length 191.00
 B: 80.00 mm



114009 Alternator 14 V, 105 Amp
 Replacing: 1986A00588
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M6, Length 160.00
 A: 10.00 B: 72.00 C: 52.00 mm



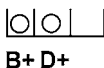
114016 5★ Alternator 28 V, 110 Amp
 Manufacturer: Bosch
 Replacing: 0124655009, 1986A00514, 1986A00969
 Servicing: MAN
 Terminal W, Pulley w/o, B+ M8, Length 179.00
 Alternative no.: 116478
 B: 80.00 mm



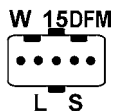
114019 5★ Alternator 14 V, 110 Amp
 Manufacturer: Bosch
 Replacing: 0124325178, 1986A00811, 1986A01142
 Servicing: LDV, Maxus
 Pulley SP/FW, Grooves 6, B+ M8, Length 192.00
 Alternative no.: 116047
 A: 39.00 B: 14.00 C: 61.10 mm



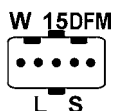
114024 Alternator 14 V, 80 Amp
 Replacing: 0124315033, 0124315034, 0124315046
 Servicing: Toyota
 Pulley SP/FW, Grooves 7, Fan IF, B+ M6, Length 183.00
 A: 95.00 B: 58.00 mm



114025 Alternator 14 V, 75 Amp
 Replacing: 0124225062
 Servicing: Smart (MCC), Toyota
 Pulley SP, Grooves 4, B+ M6, Length 176.00 *Please note !!. If 3 connections = HC-CARGO 112384. If 2 connections = HC-CARGO 114025. They cannot replace each other.*
 A: 90.50 B: 57.80 mm



114028 Alternator 28 V, 80 Amp
 Replacing: 0124555008, 1986A00534, 1986A00916
 Servicing: Scania
 Terminal W, Pulley SP, Grooves 8, Fan IF, B+ M8
 Alternative no.: 115493# 5★
 A: 21.00 B: 85.00 C: 35.50 mm



114036 Alternator 28 V, 80 Amp
 Replacing: 0124555006, 1986A00513, 1986A00915
 Servicing: DAF
 Pulley SP, Grooves 8, B+ M8, Length 194.00
 Alternative no.: 116116 5★
 A: 37.00 B: 14.00 C: 80.00 mm



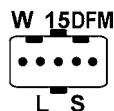
114040 Alternator 14 V, 85 Amp
 Replacing: 0124225020, 0124225037, 1986A00771
 Servicing: Smart (MCC)
 Pulley SP, Grooves 5, B+ M6, Length 172.00
 A: 90.00 B: 58.00 mm



114042 5★ Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: 1986A00567
 Servicing: Jeep, Mercedes-Benz
 Pulley SP/FW, Grooves 7, B+ M8, Length 187.00
 Can also be supplied w/ 1 plug (PLUG125).
 Alternative no.: 116113
 A: 31.00 B: 70.00 mm



114064 Alternator 14 V, 150 Amp
 Replacing: 01210AA68B, 0121615003, 0121615049, 0121615103, 0125711018, 0125711049, 1986A00678
 Servicing: Ford, Land Rover
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 185.00
 A: 42.50 B: 93.00 C: 74.00 mm



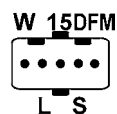
114078 Alternator 28 V, 120 Amp
 Replacing: 0124655021, 0124655325, 0124655326, 0124655331, 0124655332, 1986A00629, 1986A01022
 Servicing: Volvo
 Pulley SP, Grooves 8, B+ M8, Length 215.00
 Alternative no.: 115494 5★
 A: 45.00 B: 14.00 C: 105.50 mm



114083 Alternator 14 V, 150 Amp
 Replacing: 1986A00635
 Servicing: Volvo
 Pulley SP/FW, Grooves 6, B+ M8, Length 180.00
 A: 75.00 B: 72.00 C: 68.00 mm



114088 Alternator 14 V, 140 Amp
 Replacing: 0124425059, 0124425097, 1986A00831, 1986A01110
 Servicing: Opel, Saab, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8, Length 193.00
 Alternative no.: 115487
 A: 112.00 B: 61.00 mm



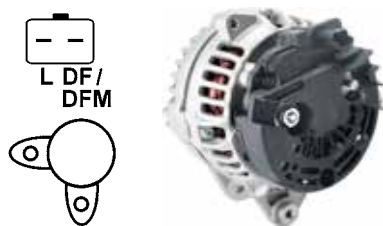
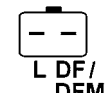
114089 Alternator 28 V, 80 Amp
 Replacing: 0124555018, 0124555117, 0124555118, 0124555581, 0124555582, 1986A00930
 Servicing: Bova, DAF, Solaris
 Terminal W, Pulley w/o, B+ M8, Length 178.80
 Alternative no.: 115495
 B: 97.00 C: 41.50 mm



114102 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: 1986A00681
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 200.00
 Alternative no.: 116068
 A: 30.00 B: 70.00 C: 56.00 mm



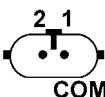
114109 Alternator 14 V, 180 Amp
 Replacing: 0124625028, 0124625210
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8, Length 190.00
 A: 39.00 B: 14.50 C: 60.60 mm



114122 Alternator 14 V, 150 Amp
 Replacing: 0124525043, 0124525049, 0124525132, 0124525135, 0124525532, 0124525535
 Servicing: Nissan, Opel, Renault, Vauxhall
 Pulley SP, Grooves 6, B+ M8, Length 183.00
 A: 32.50 B: 14.50 C: 60.80 mm



114130 Alternator 14 V, 150 Amp
 Manufacturer: Valeo
 Replacing: 1986A00569
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 5, B+ M8, Length 183.00
 Alternative no.: 116069
 A: 30.00 B: 151.00 C: 42.00 mm



114131 Alternator 14 V, 90 Amp
 Replacing: 0124325102, 0124325139, 0124325176, 0124325186
 Servicing: Renault
 Pulley SP, Grooves 7, B+ M8, Length 182.00
 A: 32.00 B: 14.25 C: 61.00 mm



114146 Alternator 14 V, 120 Amp
 Replacing: 0124425077
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8, Length 195.00
 A: 31.00 B: 70.00 C: 56.00 mm



114200 Alternator 14 V, 100 Amp
 Replacing: 0124325108
 Servicing: Mini
 Pulley SP, Grooves 6, B+ M8, Length 169.00
 A: 18.50 B: 81.00 mm



114202 Alternator 14 V, 100 Amp
 Replacing: 0124325172, 0124325221, 1986A00528
 Servicing: Opel, Saab, Vauxhall
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 191.00
 A: 113.00 B: 61.00 mm



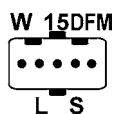
114208 Alternator 14 V, 120 Amp
 Replacing: 1986A00581
 Servicing: Honda
 Pulley SP/FW, Grooves 7, B+ M8, Length 193.00
 A: 35.50 B: 46.00 C: 44.00 mm



114210 Alternator 14 V, 120 Amp
 Replacing: 0124515084, 0124515115
 Servicing: Jeep
 Pulley SP/FW, Grooves 6, B+ M8
 A: 29.00 B: 70.00 C: 56.00 mm



114211 Alternator 14 V, 200 Amp
 Replacing: 0124625029, 0124625030, 0124625107, 0124625108, F00E100154
 Servicing: John Deere
 Pulley w/o, B+ M8, Length 175.50
 B: 56.00 mm



114212 Alternator 28 V, 110 Amp
 Replacing: 0124505017, 0124555009, 0124555017, 0124555020, 0124555027, 0124555028, 0124555058, 0124555555
 Servicing: Renault V.I., Volvo, Volvo Penta
 Pulley w/o, B+ M8, Length 201.80
 Alternative no.: 115488
 B: 13.50 C: 106.00 mm



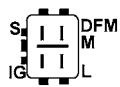
114230 Alternator 14 V, 220 Amp
 Replacing: 0121813003, 0121813103
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 8, B+ M8, Length 194.00
 A: 31.50 B: 70.00 C: 56.00 mm



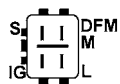
114257 Alternator 14 V, 140 Amp
 Replacing: 0124525017
 Servicing: Saab
 Pulley SP/FW, Grooves 5, Fan IF, B+ M8, Length 180.00
 A: 31.50 B: 79.00 C: 55.00 mm



114272 Alternator 14 V, 100 Amp
 Replacing: 1986A00628
 Servicing: Honda
 Pulley SP, Grooves 7, B+ M6, Length 177.00
 A: 39.50 B: 40.90 C: 45.10 mm



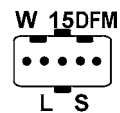
114290 Alternator 14 V, 80 Amp
 Replacing: 0124225052, 0124225071
 Servicing: Toyota
 Pulley SP, Grooves 6, Fan IF, B+ M6, Length 173.00
 A: 29.00 B: 19.00 C: 37.00 mm



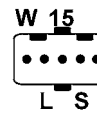
114291 Alternator 14 V, 90 Amp
 Replacing: 0124225055
 Servicing: Toyota
 Pulley SP/FW, Grooves 6, B+ M6, Length 160.00
 A: 30.50 B: 16.40 C: 41.20 mm



114292 Alternator 14 V, 180 Amp
 Replacing: 1986A00560
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8, Length 185.00
 A: 57.00 B: 28.00 C: 75.00 mm



114296 Alternator 28 V, 90 Amp
 Replacing: 0124655005, 0124655020, 0124655082, 1986A00515, 1986A00966, 1986A00973
 Servicing: Iveco, Ginaf, Heuliez, Irisbus, Tensa
 Pulley SP, Grooves 8, Fan IF, B+ M8
 Alternative no.: 115489
 A: 37.00 B: 14.00 C: 81.00 mm



114303 Alternator 28 V, 100 Amp
 Replacing: 1986A01098
 Servicing: Renault V.I., Volvo
 Pulley SP, Grooves 10, Fan IF, B+ M8, Length 195.00
 A: 82.50 B: 56.00 mm



114311 Alternator 14 V, 90 Amp
 Replacing: 0124225051
 Servicing: Toyota
 Pulley SP, Grooves 6, B+ M6, Length 168.00
 A: 29.60 B: 19.30 C: 37.00 mm



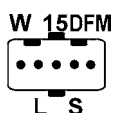
114312 Alternator 14 V, 140 Amp

Replacing: 0124525060, 0124525061, 0124525521, 0124525522, 1986A00890

Servicing: Volvo

Pulley SP/FW, Grooves 6, B+ M8, Length 195.00

A: 45.00 B: 20.00 C: 82.00 mm



114314 Alternator 28 V, 110 Amp

Replacing: 0124655014, 0124655293, 0124655294, 0124655405, 0124655406, 1986A01025

Servicing: DAF, Bova, Solaris, Temsa

Pulley w/o, B+ M8, Length 194.00

Alternative no.: 116514

B: 97.00 C: 40.00 mm



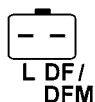
114322 Alternator 14 V, 140 Amp

Replacing: 1986A00613

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, Fan IF, B+ M8

A: 40.00 B: 14.00 C: 61.00 mm



114353 Alternator 14 V, 150 Amp

Replacing: 0124525047

Servicing: Renault

Pulley SP/FW, Grooves 6, B+ M8, Length 194.50

A: 33.00 B: 14.20 C: 60.20 mm



114354 Alternator 14 V, 150 Amp

Replacing: 0124525082, 0124525140, 0124525208, 0124525540, 1986A00903

Servicing: Dacia, Nissan, Renault

Pulley SP/FW, Grooves 6, B+ M8, Length 205.00

A: 38.50 B: 14.00 C: 60.50 mm



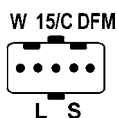
114379 Alternator 14 V, 150 Amp

Replacing: 0124615043, 1986A00942, 1986A01113

Servicing: AGCO, Atlas Copco, Case IH, Caterpillar, Claas, Cummins, Gehl, Ingersoll-Rand, John Deere, Kohler

Pulley w/o, B+ M8, Length 180.00

B: 56.30 mm



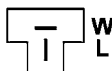
114382 Alternator 28 V, 100 Amp

Replacing: 1986A00866

Servicing: Scania

Pulley SP, Grooves 10, Fan IF, B+ M8, Length 195.00

A: 20.50 C: 35.50 mm



114383 Alternator 14 V, 105 Amp

Manufacturer: Bosch

Replacing: 1986A01097, F002G10862

Servicing: VM (Stabilimenti Mec)

Pulley SP/FW, Grooves 6, B+ M8, Length 250.00

Alternative no.: 116361

A: 39.20 B: 14.00 C: 87.70 mm



114391 Alternator 14 V, 180 Amp

Replacing: 0121715001, 0121715101

Servicing: Citroen, Peugeot

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 192.00

A: 42.50 B: 21.00 C: 45.00 mm



114392 Alternator 14 V, 90 Amp

Replacing: 0124325169, 0124325170, 1986A00808

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, B+ M8

A: 31.00 B: 70.00 C: 56.00 mm



114408 Alternator 14 V, 180 Amp

Replacing: 0121715020, 0121715120

Servicing: Audi, VW

Pulley SP, Grooves 6, B+ M8, Length 182.00

A: 30.00 B: 14.00 C: 60.80 mm



114412 Alternator 14 V, 85 Amp

Servicing: Chevrolet, Daewoo

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 180.00

A: 36.00 B: 12.30 C: 81.00 mm



114431 Alternator 14 V, 120 Amp
Replacing: 0124425005, 0124425020, 1986A00818, 1986A01144
Servicing: Alfa Romeo, Fiat, Holden, Opel, Peugeot, Vauxhall
Pulley SP, Grooves 5, B+ M8, Length 184.00
A: 64.70 B: 23.00 C: 57.20 mm



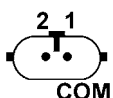
114452 Alternator 14 V, 150 Amp
Replacing: 0123520022, 1986A00945
Servicing: Rover, Land Rover
Pulley SP, Grooves 7, B+ M8
A: 83.00 B: 56.00 mm



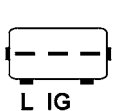
114454 Alternator 14 V, 180 Amp
Manufacturer: OE Branded
Replacing: 0124625023, 0124625208, 1986A00952
Servicing: Mercedes-Benz
Pulley SP, Grooves 6, B+ M8, Length 194.00
A: 32.00 B: 70.00 C: 56.00 mm



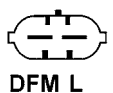
114462 Alternator 14 V, 70 Amp
Replacing: 1986A00586
Servicing: Fiat, Alfa Romeo, Ford, Lancia
Pulley SP, Grooves 4, B+ M8
A: 68.10 B: 32.50 mm



114463 Alternator 14 V, 120 Amp
Replacing: 0124425012, 0124425013, 0124425029, 0124425037, 0124425071, 0124425093, 0124425108, 0124425111
Servicing: Renault, Dacia
Pulley SP/FW, Grooves 6, B+ M8, Length 165.00
A: 38.50 B: 14.00 C: 61.00 mm



114466 Alternator 14 V, 55 Amp
Manufacturer: Bosch
Replacing: 0124120001
Servicing: VM (Stabilimenti Mec)
Pulley DP, Grooves 2, B+ M6
A: 42.50 B: 18.00 C: 67.50 mm



114468 Alternator 14 V, 140 Amp
Replacing: 0124525015
Servicing: Saab
Pulley SP, Grooves 6, B+ M8
A: 51.40 B: 33.50 C: 56.30 mm



114471 Alternator 28 V, 80 Amp
Manufacturer: Mahle Letrika
Replacing: 0120468161
Servicing: KHD
Terminal W, Pulley w/o, B+ M8, Length 192.00, Insulated return Yes Dust proof.
B: 56.00 mm



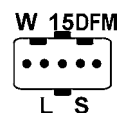
114490 Alternator 14 V, 100 Amp
Replacing: 1986A00940
Servicing: Toyota
Pulley SP/FW, Grooves 7, B+ M6, Length 151.70
A: 23.98 B: 60.00 C: 71.50 mm



114492 Alternator 14 V, 100 Amp
Replacing: 0124325171, 1986A00729, 1986A01141
Servicing: Opel, Vauxhall
Pulley SP, Grooves 5, B+ M8
A: 54.00 B: 33.50 C: 57.00 mm



114510 Alternator 14 V, 120 Amp
Replacing: 0124425058, 0124425096, 1986A00830, 1986A01109
Servicing: Opel, Vauxhall
Pulley SP/FW, Grooves 6, Fan IF, B+ M8
A: 113.00 B: 61.00 mm



114528 Alternator 28 V, 120 Amp
Replacing: 0124655025, 0986049820, 1986A00517, 1986A00974, 0986049820
Servicing: MAN, Neoplan, Temsa
Pulley w/o, Fan IF, B+ M8, Length 202.00
Alternative no.: 115496
B: 80.00 mm



114656 Alternator 14 V, 140 Amp

Replacing: 0120400621, 0120400782,

0124525030, 0124525040, 1986A01156

Servicing: Opel, Saab, Vauxhall

Pulley SP, Grooves 6, B+ M8

A: 51.00 B: 34.00 C: 58.00 mm



114663 Alternator 14 V, 150 Amp

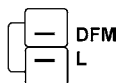
Replacing: 0124615013, 0124615018,

0124615032

Servicing: Chrysler

Pulley w/o, Grooves 6, B+ M8,
Length 197.00 Freewheel Pulley: HC-
CARGO 332302.

A: 31.50 B: 70.00 C: 56.00 mm



114665 Alternator 14 V, 100 Amp

Replacing: 1986A00680

Servicing: Opel, Vauxhall

Pulley SP/FW, Grooves 6, Fan IF,
B+ M8, Length 198.00

A: 35.60 B: 13.10 C: 67.40 mm



114666 Alternator 14 V, 180 Amp

Replacing: 0121715029, 0121715129

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, Fan IF, B+ M8

A: 31.00 B: 93.50 C: 56.00 mm



114667 Alternator 14 V, 90 Amp

Replacing: 0124225053

Servicing: Toyota

Pulley SP, Grooves 6, B+ M6,
Length 170.00

A: 48.00 B: 27.00 C: 39.00 mm



114668 Alternator 14 V, 100 Amp

Replacing: 0124325163, 1986A00806,

1986A01140

Servicing: Opel, Vauxhall

Pulley SP, Grooves 5, B+ M8,
Length 181.00

A: 64.00 B: 23.00 C: 59.00 mm



114681 Alternator 14 V, 90 Amp

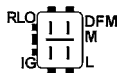
Replacing: 0124325166, 1986A00807,

1986A01104

Servicing: AGCO, Atlas Copco, Case IH,
Caterpillar, Claas, Cummins, Gehl, Ingersoll-
Rand, John Deere, Kohler

Pulley w/o, B+ M8

B: 56.00 mm



114694 Alternator 14 V, 100 Amp

Replacing: 1986A00633

Servicing: Toyota

Pulley SP/FW, Grooves 6, B+ M6

A: 33.50 B: 20.00 C: 51.50 mm



114697 Alternator 14 V, 180 Amp

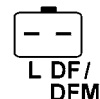
Replacing: 0121715042, 0121715142,

1986A00767

Servicing: Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8,
Length 167.00

A: 39.50 B: 14.00 C: 61.00 mm



114700 Alternator 14 V, 150 Amp

Replacing: 0124525076, 0124525137,

0124525537, 1986A00900

Servicing: Nissan, Opel, Renault, Vauxhall

Pulley SP/FW, Grooves 7, Fan IF,
B+ M8, Length 196.00

A: 33.30 B: 14.00 C: 61.60 mm



114701 Alternator 14 V, 120 Amp

Replacing: 0124510001, 0124515113,
0124515120, 1986A00511, 1986A00530,
1986A00852, 1986A00853

Servicing: Renault, Renault V.I.

Terminal W, Pulley SP, Grooves 6,
Fan IF, B+ M8, Length 196.00

A: 47.44 B: 14.00 C: 80.00 mm



114705 Alternator 14 V, 140 Amp

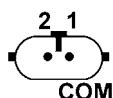
Replacing: 0124325122, 0124525064,
1986A00526, 1986A00533, 1986A00875

Servicing: Citroen, Fiat, Iveco, Peugeot

Pulley w/o, B+ M8, Length 175.00

Alternative no.: 115490

B: 14.00 C: 81.00 mm



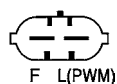
114721 Alternator 14 V, 150 Amp
Manufacturer: Bosch
Replacing: 0124525081, 0124525139, 0124525534, 1986A00899
Servicing: Renault
Pulley SP/FW, Grooves 6, B+ M8, Length 200.00
Alternative no.: 116323
A: 38.50 **B:** 14.00 **C:** 61.50 mm



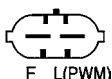
114722 Alternator 14 V, 140 Amp
Replacing: 0124525009, 0124525088, 1986A00654, F000BL0809, F000BL08C0, F00E100582
Servicing: Audi, Seat, Skoda, VW
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 191.00
A: 29.00 **B:** 70.00 **C:** 56.00 mm



114724 Alternator 14 V, 150 Amp
Replacing: 1986A00568
Servicing: Ford, Mazda, Volvo
Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
A: 42.90 **B:** 21.00 **C:** 46.50 mm



114726 Alternator 14 V, 100 Amp
Servicing: Opel, Vauxhall
Pulley SP/FW, Grooves 6, B+ M8, Length 187.00
A: 35.00 **B:** 13.00 **C:** 66.00 mm



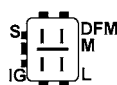
114728 Alternator 14 V, 100 Amp
Servicing: Chevrolet, Opel, Vauxhall, VW
Pulley SP/FW, Grooves 6, B+ M8, Length 187.50
A: 54.70 **B:** 33.70 **C:** 58.10 mm



114735 Alternator 14 V, 150 Amp
Replacing: 0123520015
Servicing: Claas, Fendt, John Deere
Terminal W, Pulley w/o, B+ M8
B: 56.00 mm



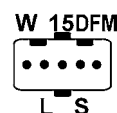
114737 Alternator 14 V, 180 Amp
Replacing: 0124625007, 0124625032, 0124625211, 1986A00965
Servicing: Mercedes-Benz
Pulley SP, Grooves 6, Fan IF, B+ M8
A: 82.00 **B:** 55.80 mm



114750 Alternator 14 V, 80 Amp
Replacing: 0124225054
Servicing: Toyota
Pulley SP, Grooves 6, Fan IF, B+ M6, Length 170.00
A: 48.00 **B:** 27.00 **C:** 39.00 mm



114752 Alternator 14 V, 80 Amp
Replacing: 1986A00566
Servicing: Citroen, DS, Peugeot
Pulley SP/FW, Grooves 6, B+ M8
A: 26.00 **B:** 80.00 **C:** 47.85 mm



114753 Alternator 28 V, 100 Amp
Replacing: 0124555034, 0124555166, 0124655007, 0124655026, 1986A00544, 1986A00968, 1986A00975
Servicing: Scania
Terminal W, Pulley SP, Grooves 8, B+ M8, Length 195.00
Alternative no.: 115498
A: 20.00 **B:** 85.00 **C:** 35.50 mm



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114756* Alternator 14 V, 180 Amp
Replacing: 0121715009, 0121715109, 0125811051, 0125811052, 1986A01052, F00E100565
Servicing: Volvo
Pulley w/o, B+ M8, Length 171.00
B: 77.00 **C:** 36.00 mm



114765 Alternator 14 V, 140 Amp
Replacing: 0124525020, 1986A00531, 1986A00868
Servicing: Fiat, Iveco
Pulley SP, Grooves 7, B+ M8, Length 191.00
A: 41.00 **B:** 14.00 **C:** 81.50 mm



114769 Alternator 14 V, 110 Amp

Replacing: 0124325044, 0124325095, 0124325128, 1986A00563

Servicing: Audi, Seat, Skoda, VW

Pulley SP, Grooves 6, B+ M8

A: 30.00 B: 14.00 C: 61.00 mm



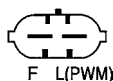
114771 Alternator 14 V, 150 Amp

Replacing: 0121615012, 0121615027, 0121615127, 0125711011, 0125711078

Servicing: Citroen, DS, Mini, Peugeot

Pulley SP/FW, Grooves 6, B+ M8, Length 185.00

A: 26.85 B: 80.10 mm



114779 Alternator 14 V, 100 Amp

Servicing: Chevrolet, Opel, Vauxhall

Pulley SP/FW, Grooves 6, B+ M8, Length 187.00

A: 63.00 B: 23.00 C: 56.00 mm



114780# 5★ Alternator 14 V, 140 Amp

Manufacturer: Bosch

Replacing: 0124525116, 0124525531, 1986A00897

Servicing: Audi

Pulley SP, Grooves 6, B+ M8, Length 183.00

Alternative no.: 116354

A: 30.00 B: 14.40 C: 61.40 mm



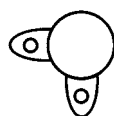
114781 Alternator 14 V, 110 Amp

Replacing: 0124325087, 0124325116

Servicing: BMW

Pulley SP/FW, Grooves 6, B+ M8, Length 192.00

A: 30.50 B: 63.00 C: 41.00 mm



114789 5★ Alternator 14 V, 90 Amp

Manufacturer: Bosch

Replacing: 0124325001, 0124325101, 1986A00521, 1986A00778

Servicing: VW, Ford, Audi, Seat, Skoda

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 191.00

Alternative no.: 112079

A: 39.55 B: 14.00 C: 61.00 mm



114804 Alternator 14 V, 105 Amp

Replacing: 1986A00673

Servicing: Ford

Pulley w/o, B+ M8

B: 14.50 C: 52.00 mm



114825 Alternator 14 V, 150 Amp

Replacing: 0124615041, 1986A00941, 1986A01170

Servicing: Case IH, New Holland, Renault, Steyr

Terminal W, Pulley w/o, B+ M8, Length 185.00

B: 56.00 mm



114829 Alternator 14 V, 120 Amp

Replacing: 0124425041, 0124425112

Servicing: Alfa Romeo

Pulley SP/FW, Grooves 5, Fan IF, B+ M8, Length 195.00

A: 32.00 B: 79.00 mm



114834 Alternator 14 V, 150 Amp

Replacing: 0124615030, 0124615069, 1986A00947

Servicing: Claas, Mercedes-Benz

Terminal W, Pulley w/o, B+ M8, Length 185.00

B: 80.00 mm



114835 Alternator 14 V, 180 Amp

Replacing: F00E100549

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 8, B+ M8, Length 199.00

A: 30.00 B: 70.00 C: 56.00 mm



114836 Alternator 14 V, 150 Amp

Replacing: 0124615012, 0124615014, 0124615044, 0124615046, 0124615049, 0124615073, 1986A00743, 1986A00943

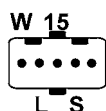
Servicing: Mercedes-Benz

Pulley SP, Grooves 6, Fan IF, B+ M8

A: 82.00 B: 56.00 mm



114844 Alternator 14 V, 145 Amp
 Replacing: 0124525126, 0124525526
 Servicing: Mini
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 190.00
 A: 43.50 B: 21.05 C: 45.50 mm



114880 Alternator 28 V, 110 Amp
 Replacing: 0124655173
 Servicing: Renault V.I., Volvo, Volvo Penta
 Terminal W, Pulley SP, Grooves 8,
 B+ M8, Length 212.00
 A: 44.50 B: 13.80 C: 103.00 mm



114883 Alternator 14 V, 120 Amp
 Replacing: 1986A00774
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M8,
 Length 177.30
 A: 10.50 B: 72.40 C: 52.60 mm



114884 Alternator 14 V, 140 Amp
 Replacing: 0124525038, 0124525074,
 0124525093, 0124525527, 1986A00894
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 192.00
 A: 29.00 C: 62.50 mm



114897 Alternator 14 V, 80 Amp
 Replacing: 1986A00644
 Servicing: Daihatsu, Toyota
 Pulley SP, Grooves 6, Fan IF, B+ M6
 A: 29.50 B: 19.00 C: 36.30 mm



114898 Alternator 14 V, 150 Amp
 Replacing: 0121615008, 0121615108,
 1986A00762
 Servicing: Ford
 B+ M8
 A: 80.00 B: 14.50 C: 51.50 mm



115304 Alternator 14 V, 120 Amp
 Replacing: 0124425057, 1986A00826,
 1986A01107
 Servicing: Opel, Vauxhall
 Pulley SP, Grooves 5, Fan IF, B+ M8,
 Length 174.00
 A: 54.50 B: 33.50 C: 59.00 mm



115306 Alternator 14 V, 120 Amp
 Replacing: 0124425050
 Servicing: Opel, Vauxhall
 Pulley SP, Grooves 5, B+ M8
 A: 63.00 B: 23.00 C: 57.50 mm



115318 ★ Alternator 14 V, 200 Amp
 Manufacturer: Bosch
 Replacing: 0124625020, 0124625206,
 1986A00657
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6
 A: 32.00 mm



115353 Alternator 14 V, 80 Amp
 Servicing: Chevrolet
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 172.00, Insulated return No
 A: 38.50 B: 16.50 C: 66.00 mm



115364 Alternator 14 V, 150 Amp
 Replacing: 1986A00572
 Servicing: Citroen, DS, Fiat, Opel, Peugeot
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 180.00
 A: 42.50 B: 21.00 C: 45.50 mm



115365 Alternator 14 V, 150 Amp
 Replacing: 0121615028, 0121615128
 Servicing: Ford, Volvo
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 182.00
 A: 42.50 B: 21.20 C: 46.70 mm



115367 Alternator 14 V, 140 Amp

Replacing: 0124525113, 0124525226, 1986A00888

Servicing: Audi

Pulley SP/FW, Grooves 6, B+ M8

A: 28.00 B: 70.00 C: 56.50 mm



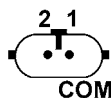
115370 Alternator 14 V, 110 Amp

Replacing: 0124325083, 0124325092, 0124325130, 1986A00797, 1986A01070, F000BL0615, F000BL062B

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 190.00

A: 39.50 B: 14.50 C: 62.00 mm



115382 Alternator 14 V, 120 Amp

Replacing: 0124425034, 0124425070, 0124425110, 1986A00832

Servicing: Renault

Pulley SP, Grooves 6, B+ M8, Length 190.00

A: 38.50 B: 14.00 C: 60.50 mm



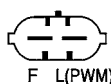
115383 Alternator 14 V, 200 Amp

Replacing: 0124625022, 0124625207

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, B+ M8, Length 193.00

A: 30.50 B: 70.00 C: 57.00 mm



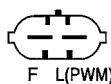
115396 Alternator 14 V, 140 Amp

Servicing: Chevrolet, Opel, Vauxhall

Pulley SP/FW, Grooves 6, B+ M8,

Length 183.50, Insulated return No

A: 35.00 B: 13.00 C: 67.00 mm



115410 Alternator 14 V, 100 Amp

Servicing: Chevrolet, Opel, Vauxhall

Pulley SP, Grooves 6, B+ M8

A: 64.00 B: 23.20 C: 56.00 mm



115412 Alternator 14 V, 180 Amp

Replacing: 0121715008, 0121715079, 0121715108, 0121715179, 0125811002, 0125811005, 0125811019, 0125811020

Servicing: Volvo

Pulley SP/FW, Grooves 5, B+ M8, Length 194.00

A: 61.00 B: 32.00 C: 92.00 mm



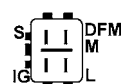
115414 Alternator 14 V, 180 Amp

Replacing: 0121715022, 0121715122

Servicing: Audi

Pulley SP/FW, Grooves 6, B+ M8, Length 198.00

A: 29.50 B: 70.00 C: 56.00 mm



115416 Alternator 14 V, 100 Amp

Replacing: 0124325084, 0124325085, 1986A00795

Servicing: Toyota

Pulley SP, Grooves 7, Fan IF, B+ M6

A: 35.00 B: 18.00 C: 45.00 mm



115417 Alternator 14 V, 150 Amp

Replacing: 0121615006, 0121615106

Servicing: Ford

Pulley SP/FW, Grooves 6, B+ M8

A: 40.00 B: 70.00 C: 74.00 mm



115433 Alternator 14 V, 140 Amp

Replacing: 0124525187, 0124525542, 1986A00905

Servicing: Audi, Mercedes-Benz, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 200.00

A: 40.20 B: 14.30 C: 61.50 mm



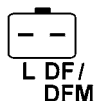
115434 Alternator 14 V, 150 Amp

Replacing: 0121615005, 0121615105, 0125711158, 0125711179, 1986A00671

Servicing: Ford, Volvo

Pulley SP/FW, Grooves 5, B+ M8, Length 190.00

A: 61.00 B: 31.50 C: 91.00 mm



115438 Alternator 14 V, 120 Amp
 Replacing: 1986A00561
 Servicing: Citroen, Peugeot
 Pulley SP, Grooves 6, B+ M8,
 Length 180.00
 A: 42.50 B: 22.00 C: 45.50 mm



115452 Alternator 14 V, 150 Amp
 Replacing: 0124525125
 Servicing: Citroen, Fiat, Peugeot
 Pulley SP/FW, Grooves 6, B+ M8
 A: 38.00 B: 14.00 C: 82.00 mm



115455 5★ Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 1986A01088, F000BL0705,
 F000BL07P9
 Servicing: Fiat, Iveco
 Pulley SP, Grooves 7, B+ M8,
 Length 181.20
 Alternative no.: 116321
 A: 67.00 B: 14.00 C: 81.30 mm



115456 Alternator 14 V, 150 Amp
 Replacing: 1986A00606
 Servicing: Ford
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 177.00
 A: 42.50 B: 22.00 C: 31.00 mm



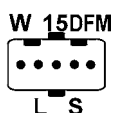
115458 5★ Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 1986A01087, F000BL0704,
 F000BL07N9
 Servicing: Fiat, Iveco
 Pulley w/o, B+ M8, Length 166.00
 Alternative no.: 116177
 B: 14.00 C: 81.00 mm



115461 Alternator 14 V, 150 Amp
 Replacing: 0125711001, 0125711058,
 0125711101, 0125711102, 0125711131,
 0125711132, 1986A00680
 Servicing: Citroen, Ford, Peugeot
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 184.00
 Alternative no.: 116061 5★
 A: 43.20 B: 97.00 C: 73.75 mm



115473 Alternator 14 V, 180 Amp
 Replacing: 01220AA090, 01220AA160,
 01220AA360
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8, Length 157.70
 Water cooled.
 A: 41.00 B: 22.00 mm



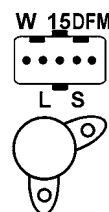
115481 Alternator 28 V, 110 Amp
 Replacing: 0124655065, 1986A00685
 Servicing: DAF, Renault V.I.
 Terminal W, Pulley SP, Grooves 8,
 B+ M8, Length 208.00
 A: 37.50 B: 14.00 C: 81.50 mm



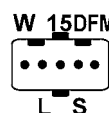
115482 5★ Alternator 14 V, 90 Amp
 Manufacturer: Bosch
 Replacing: 0124325003, 0124325135, 1986A00779
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP, Grooves 6, B+ M8,
 Length 186.00
 Alternative no.: 111989
 A: 39.00 B: 14.00 C: 61.00 mm



115483 5★ Alternator 14 V, 120 Amp
 Manufacturer: Bosch
 Replacing: 0124515010, 1986A00558
 Servicing: Audi, Chrysler, Ford, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 190.00
 Alternative no.: 112002
 A: 39.00 B: 14.50 C: 60.00 mm



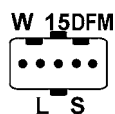
115484 5★ Alternator 28 V, 70 Amp
 Manufacturer: Bosch
 Replacing: 0124555005, 1986A00512, 1986A00914
 Servicing: Ginaf, Iveco
 Pulley SP, Grooves 8, Fan IF, B+ M8,
 Length 194.00
 Alternative no.: 113188
 A: 37.00 B: 14.10 C: 80.60 mm



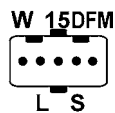
115486 5★ Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 0124555013, 1986A00536,
 1986A00918
 Servicing: MAN
 Pulley w/o, B+ M8, Length 194.00
 Alternative no.: 114007
 B: 80.00 C: 3.00 mm



115487 5★ Alternator 14 V, 140 Amp
Manufacturer: Bosch
Replacing: 0124425097, 1986A00831, 1986A01110
Servicing: Opel, Saab, Vauxhall
Pulley SP/FW, Grooves 6, B+ M8, Length 193.00
Alternative no.: 114088
A: 112.50 **B:** 61.50 mm



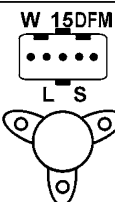
115488 5★ Alternator 28 V, 110 Amp
Manufacturer: Bosch
Replacing: 0124655012, 0124655500, 1986A00535, 1986A00919, 1986A00920, 1986A01034
Servicing: Renault V.I., Volvo, Volvo Penta
Pulley SP, Grooves 8, B+ M8, Length 217.00
Alternative no.: 114212
A: 44.50 **B:** 13.80 **C:** 106.00 mm



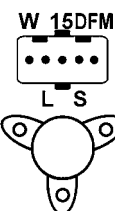
115489 5★ Alternator 28 V, 90 Amp
Manufacturer: Bosch
Replacing: 0124655005, 1986A00515, 1986A00961, 1986A00966
Servicing: Glnaf, Heuliez, Irisbus, Iveco, Temsa
Terminal W, Pulley SP, Grooves 8, Fan IF, B+ M8, Length 197.00
Alternative no.: 114296
A: 37.00 **B:** 14.00 **C:** 82.00 mm



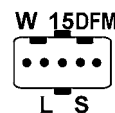
115490 5★ Alternator 14 V, 140 Amp
Manufacturer: Bosch
Replacing: 0124525064, 1986A00526, 1986A00533, 1986A00875
Servicing: Citroen, Fiat, Iveco, Peugeot
Pulley w/o, B+ M8, Length 180.00
Alternative no.: 114705
B: 14.00 **C:** 81.00 mm



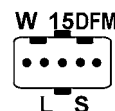
115491 5★ Alternator 28 V, 80 Amp
Manufacturer: Bosch
Replacing: 0124555003, 0124555040, 0124555041, 1986A00539, 1986A00925
Servicing: Bova, DAF, Solaris
Terminal W, Pulley w/o, Fan IF, B+ M8, Length 192.00
Alternative no.: 113284
B: 80.00 mm



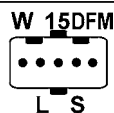
115492 5★ Alternator 28 V, 110 Amp
Manufacturer: Bosch
Replacing: 0124655011, 1986A00519, 1986A00970
Servicing: MAN
Terminal W, Pulley w/o, B+ M8, Length 198.00
Alternative no.: 113998
B: 80.00 mm



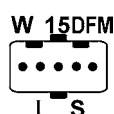
115493 5★ Alternator 28 V, 80 Amp
Manufacturer: Bosch
Replacing: 0124555008, 1986A00534, 1986A00916
Servicing: Scania
Terminal W, Pulley SP, Grooves 8, Fan IF, B+ M8, Length 227.00
Alternative no.: 114028
A: 21.00 **B:** 85.00 **C:** 35.50 mm



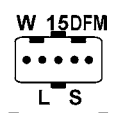
115494 5★ Alternator 28 V, 120 Amp
Manufacturer: Bosch
Replacing: 0124655021, 0124655325, 0124655326, 0124655331, 0124655332, 1986A01022
Servicing: Volvo
Terminal W, Pulley SP, Grooves 8, B+ M8, Length 223.00
Alternative no.: 114078
A: 45.00 **B:** 13.60 **C:** 107.00 mm



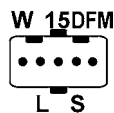
115495 5★ Alternator 28 V, 80 Amp
Manufacturer: Bosch
Replacing: 0124555018, 0124555117, 0124555118, 1986A00930
Servicing: Bova, DAF, Solaris
Pulley SP, Grooves 7, Fan IF, B+ M8, Length 204.50
Alternative no.: 114089
A: 56.00 **B:** 97.00 **C:** 40.50 mm



115496 5★ Alternator 28 V, 120 Amp
Manufacturer: Bosch
Replacing: 0124655025, 0986049820, 1986A00517, 1986A00974, 0986049820
Servicing: MAN, Neoplan, Temsa
Pulley w/o, B+ M8, Length 205.00
Alternative no.: 114528
B: 80.00 mm



115497 5★ Alternator 28 V, 80 Amp
Manufacturer: Bosch
Replacing: 0124555065, 1986A00932
Servicing: Mercedes-Benz
Terminal W, Pulley w/o, B+ M8, Length 196.00
B: 80.00 mm



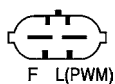
115498 5★ Alternator 28 V, 100 Amp
Manufacturer: Bosch
Replacing: 0124655007, 1986A00544, 1986A00968, 1986A00975
Servicing: Scania
Terminal W, Pulley SP, Grooves 8, B+ M8, Length 207.00
Alternative no.: 114753
A: 20.00 **B:** 85.00 **C:** 35.50 mm



115499 5★ Alternator 14 V, 150 Amp
 Manufacturer: OE Branded
 Replacing: 125711059
 Servicing: Citroen, Fiat, Ford, Peugeot
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 183.00
 Alternative no.: 113958
 A: 43.00 B: 97.00 C: 74.00 mm



115521 Alternator 14 V, 150 Amp
 Replacing: 0125711002, 0125711047
 Servicing: Volvo
 Pulley SP/FW, Grooves 5, Fan IF,
 B+ M8, Length 182.00
 A: 61.00 B: 31.70 C: 90.00 mm



115526 Alternator 14 V, 100 Amp
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 196.00
 A: 57.00 B: 18.00 mm



115532 Alternator 14 V, 180 Amp
 Replacing: 0121715006, 0121715007,
 0121715014, 0121715107, 0121715114,
 1986A00766, 1986A01098
 Servicing: Beijing Benz (BBDC), Mercedes-
 Benz
 Pulley SP, Grooves 6, B+ M8,
 Length 182.00
 A: 32.00 B: 70.00 C: 56.00 mm



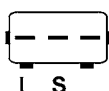
115541 Alternator 14 V, 150 Amp
 Replacing: 0124525063
 Servicing: Citroen, Peugeot
 Pulley SP, Grooves 6, B+ M8,
 Length 178.00
 A: 42.00 B: 21.00 C: 45.00 mm



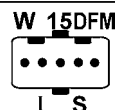
115544 Alternator 14 V, 150 Amp
 Replacing: 0121615021, 0121615121,
 1986A00674
 Servicing: Ford, Land Rover
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 184.00
 A: 42.50 B: 21.00 C: 46.00 mm



115545 Alternator 14 V, 200 Amp
 Replacing: 0124625059, 0124625123
 Servicing: New Holland
 Terminal W, Pulley w/o, B+ M8,
 Length 230.00
 B: 14.00 C: 107.00 mm



115548 Alternator 14 V, 120 Amp
 Replacing: 1986A00645
 Servicing: Nissan
 Pulley SP, Grooves 7, Fan IF, B+ M8,
 Length 183.00
 A: 32.50 B: 14.50 C: 59.00 mm



115557 5★ Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: 0124655023, 0124655038, 1986A00518,
 1986A00546, 1986A00908, 1986A01082, F000BL0755
 Servicing: MAZ, Mercedes-Benz, VW
 Terminal W, Pulley w/o, B+ M8,
 Length 197.00
 Alternative no.: 113351
 B: 80.00 mm



115576 Alternator 14 V, 150 Amp
 Replacing: 0125711004, 0125711005,
 0125711046, 0125711103, 0125711104,
 0125711133, 0125711134, 1986A00681
 Servicing: Ford
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 199.00
 A: 43.50 B: 97.00 C: 74.00 mm



115581 5★ Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: 1986A00573
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 185.00
 Alternative no.: 116348
 A: 57.50 B: 28.00 C: 75.50 mm



115601 Alternator 14 V, 120 Amp
 Replacing: 1986A00593
 Servicing: Ford, Volvo
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 157.00
 A: 11.00 B: 72.00 C: 49.50 mm



115605 Alternator 14 V, 120 Amp

Replacing: 0120484027, 1986A00753, 1986A01127

Servicing: John Deere

Terminal W, Pulley SP, Grooves 8, B+ M8

A: 78.00 B: 51.00 mm



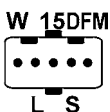
115606 Alternator 14 V, 150 Amp

Replacing: 0121615014, 0121615114, 0125711014, 0125711048, 1986A00673, F00E100026, F00E100569

Servicing: Changan Ford Mazda, Ford, Volvo

Pulley SP/FW, Grooves 5, B+ M8, Length 170.00

A: 34.00 B: 33.00 C: 91.00 mm



115617 5★ Alternator 28 V, 100 Amp

Manufacturer: Bosch

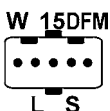
Replacing: 0124655003, 0124655036, 0124655037, 0124655039, 1986A00547, 1986A00978, 1986A01027

Servicing: Bova, DAF, Solaris, Temsa

Pulley w/o, B+ M8

Alternative no.: 115618

B: 80.00 mm



115618 Alternator 28 V, 100 Amp

Replacing: 0124655003, 0124655036, 0124655037, 0124655039, 0124655411, 1986A00547, 1986A00978, 1986A01026

Servicing: Bova, DAF, Solaris, Temsa

Pulley w/o, B+ M8, Length 193.00

Alternative no.: 115617 5★

B: 80.10 mm



115619 Alternator 14 V, 120 Amp

Replacing: 0124425006, 0124425009, 0124425027, 0124515004, 1986A00819, 1986A01105

Servicing: Holden, Opel, Saab, Vauxhall

Pulley SP, Grooves 5, Fan IF, B+ M8

A: 54.50 B: 33.50 C: 59.00 mm



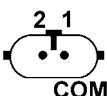
115621 Alternator 14 V, 110 Amp

Replacing: 0124325091, 0124325096, 0124325129, 1986A00796

Servicing: Audi, Seat, Skoda, VW

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 186.00

A: 39.00 B: 14.00 C: 60.50 mm



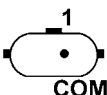
115649 Alternator 14 V, 150 Amp

Replacing: 0124525101, 0124525151, 0124525538

Servicing: Renault

Pulley SP, Grooves 7, B+ M8, Length 193.00

A: 33.00 B: 14.00 C: 61.00 mm



115653 Alternator 14 V, 110 Amp

Replacing: 0124425039, 0124425069, 0124425106, 0124425107, 0124425109

Servicing: Renault

Pulley SP, Grooves 7, B+ M8, Length 185.00

A: 33.50 B: 14.00 C: 60.00 mm



115658 Alternator 14 V, 110 Amp

Replacing: 0124325157, 0124325158, 1986A00805

Servicing: Mini

Pulley SP, Grooves 6, Fan IF, B+ M8

A: 19.50 B: 81.50 C: 43.50 mm



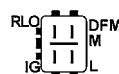
115667 Alternator 14 V, 120 Amp

Replacing: 1986A00633

Servicing: Alfa Romeo, Fiat

Pulley SP/FW, Grooves 6, B+ M8, Length 185.00

A: 42.00 B: 64.00 C: 55.00 mm



115669 Alternator 14 V, 150 Amp

Replacing: 1986A00639

Servicing: Toyota

Pulley SP/FW, Grooves 7, B+ M6, Length 165.00

A: 23.50 B: 60.00 C: 71.00 mm



115671 Alternator 14 V, 180 Amp

Replacing: 0121715024, 0121715124, 1986A00675

Servicing: Land Rover, Volvo

Pulley SP/FW, Grooves 6, B+ M8, Length 185.00

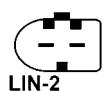
A: 43.00 B: 21.00 C: 47.00 mm



115675 Alternator 14 V, 180 Amp
 Replacing: 1986A00574
 Servicing: BMW
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 189.00
 A: 58.00 B: 28.00 C: 75.00 mm



115678 Alternator 14 V, 150 Amp
 Replacing: 0124525056, 0124525057, 0124525252, 0124525253, 1986A00135, 1986A00873, 1986A00874, F00E100285
 Servicing: Porsche
 Pulley SP/FW, Grooves 6, B+ M8, Length 184.00
 A: 32.00 B: 14.00 C: 82.00 mm



115693 Alternator 14 V, 170 Amp
 Replacing: 1986A00610
 Servicing: BMW
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 223.00
 A: 49.50 B: 27.50 C: 75.50 mm



115694 Alternator 14 V, 180 Amp
 Replacing: 1986A00638
 Servicing: BMW
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 187.00
 A: 57.00 B: 28.00 C: 75.50 mm



115695 Alternator 14 V, 110 Amp
 Replacing: 1986A01073, F000BL0636, F000BL06A0
 Servicing: Seat, Skoda, VW
 Pulley SP, Grooves 6, B+ M8, Length 163.00
 A: 30.00 B: 14.50 C: 61.00 mm



115707 Alternator 14 V, 110 Amp
 Replacing: 0124325190
 Servicing: Audi, VW
 Pulley SP/FW, Grooves 6, B+ M8, Length 190.70
 A: 39.50 B: 14.00 C: 61.00 mm



115708 ★ Alternator 14 V, 160 Amp
 Manufacturer: Bosch
 Replacing: 0124625024, 0124625025, 0124625209, 1986A00953
 Servicing: Volvo
 Pulley SP/FW, Grooves 6, B+ M8, Length 198.00
 Alternative no.: 116352
 A: 45.50 B: 20.00 C: 82.00 mm



115709 Alternator 14 V, 160 Amp
 Replacing: 0124625001, 0124625003
 Servicing: Volvo
 Pulley SP/FW, Grooves 6, B+ M8, Length 192.00 Bosch 0124625001 not with clutch pulley
 A: 45.00 B: 20.00 C: 82.00 mm



115712 Alternator 14 V, 180 Amp
 Replacing: 0121715071, 0121715171, 0125811027, 0125811028
 Servicing: Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8, Length 193.00
 A: 39.50 B: 14.35 C: 64.10 mm



115714 Alternator 14 V, 110 Amp
 Replacing: 0124325142
 Servicing: Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8, Length 197.00
 A: 40.00 B: 14.00 C: 62.00 mm



115715 Alternator 14 V, 90 Amp
 Replacing: 1986A00628, 1986A00635
 Servicing: Dongfeng Yueda Kia, Hyundai, Kia
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 163.00
 A: 33.50 B: 15.00 C: 50.50 mm



115718 Alternator 14 V, 140 Amp
 Replacing: 0124525119
 Servicing: Case
 Pulley SP, Grooves 8, Fan IF, B+ M8
 A: 37.50 B: 14.00 C: 80.00 mm



115730 Alternator 14 V, 140 Amp

Replacing: 0124525146, 1986A00883, F00E100563

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 195.00

A: 39.50 B: 14.10 C: 61.00 mm



115739 Alternator 14 V, 180 Amp

Manufacturer: Bosch

Replacing: 0125811021, 0125811029, 1986A01049

Servicing: Citroen, Peugeot

Pulley SP/FW, Grooves 6, B+ M8, Length 186.00

Alternative no.: 116903*

A: 43.00 B: 96.80 C: 74.00 mm



115746 Alternator 14 V, 90 Amp

Replacing: 0124225058, 0124225074

Servicing: Smart (MCC)

Pulley SP, Grooves 5, B+ M6, Length 174.00

A: 90.50 B: 58.20 mm



115753 Alternator 14 V, 180 Amp

Replacing: 0121715002, 0121715032, 0121715102, 0121715132

Servicing: Volvo

Pulley SP, Grooves 6, B+ M8, Length 170.00

A: 23.50 B: 70.75 C: 85.00 mm



115759 Alternator 14 V, 150 Amp

Replacing: 0125711028, 0125711054

Servicing: Mercedes-Benz

Pulley SP, Grooves 5, B+ M8, Length 175.00

A: 32.50 B: 15.10 C: 51.00 mm



115763 Alternator 14 V, 150 Amp

Replacing: 0124615021

Servicing: Audi, VW

Pulley SP/FW, Grooves 5, B+ M8, Length 199.40, Insulated return No

A: 30.20 B: 14.20 C: 60.70 mm



115764 Alternator 14 V, 90 Amp

Replacing: 0124315037, 0124325047, 0124325141, 0124515067

Servicing: Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 194.00

A: 40.00 B: 14.00 C: 62.00 mm



115765 Alternator 14 V, 140 Amp

Replacing: 0124525201, 0124525221, 0124525222, 0124525545, 1986A00908

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 192.00

A: 30.00 B: 15.00 C: 61.20 mm



115767 Alternator 14 V, 140 Amp

Replacing: 0124525200, 0124525220, 0124525223, 0124525544, 1986A00907

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 192.00

A: 30.50 B: 14.50 C: 61.00 mm



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115785 Alternator 14 V, 140 Amp

Replacing: 0986082840

Servicing: Seat, VW

Pulley SP/FW, Grooves 6



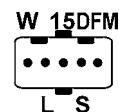
115804 Alternator 14 V, 180 Amp

Replacing: 0121715016, 0121715116

Servicing: BMW

Pulley SP/FW, Grooves 7, B+ M8, Length 178.00

A: 30.00 B: 62.50 C: 40.80 mm



115805 Alternator 28 V, 150 Amp

Manufacturer: Bosch

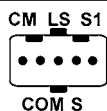
Replacing: 0124655073, 0124655291, 0124655292, 1986A01020

Servicing: Mercedes-Benz

Pulley w/o, B+ M8, Length 198.00

Alternative no.: 116457

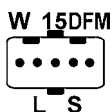
B: 80.20 mm



115808 Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124655125, 0124655161, 1986A00989
 Servicing: Mercedes-Benz
 Terminal W, Pulley w/o, B+ M8
 Alternative no.: 116684
 B: 77.70 mm



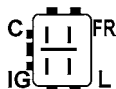
115823 Alternator 14 V, 220 Amp
 Replacing: 1986A00565
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8, Length 190.00
 A: 57.30 B: 28.00 C: 75.00 mm



115824 Alternator 28 V, 120 Amp
 Replacing: 0124655024, 0124655333, 0124655334, 1986A01023
 Servicing: Volvo
 Pulley SP, Grooves 8, B+ M8, Length 220.00
 Alternative no.: 116674
 A: 45.00 B: 13.60 C: 107.00 mm



115835 Alternator 14 V, 120 Amp
 Replacing: 0124515072, 0124515073, 1986A00847
 Servicing: Porsche
 Pulley SP/FW, Grooves 6, B+ M8, Length 187.00
 A: 32.00 B: 14.00 C: 82.00 mm



115836 Alternator 14 V, 105 Amp
 Replacing: 1986A00580
 Servicing: Honda
 Pulley SP, Grooves 7, B+ M6, Length 160.00
 A: 45.00 B: 20.00 C: 38.00 mm



115837 Alternator 14 V, 70 Amp
 Replacing: 0123310052
 Servicing: Ford, Nissan
 Terminal W, Pulley P, Grooves 1, B+ M8, Length 183.00
 Like HC-CARGO 111980, but w/ W terminal.
 Alternative no.: 111980
 A: 42.00 B: 13.00 C: 80.50 mm



115843 Alternator 14 V, 120 Amp
 Replacing: 0124425060
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 5, B+ M8, Length 185.00
 A: 64.00 B: 23.00 C: 57.00 mm



115846 Alternator 14 V, 120 Amp
 Replacing: 0124425015, 1986A00820, 1986A01145
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 5, B+ M8, Length 192.00
 A: 69.00 B: 33.50 mm



115847 Alternator 14 V, 150 Amp
 Replacing: 0121615007, 0121615107
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M8, Length 164.00
 A: 40.80 B: 70.00 C: 74.00 mm



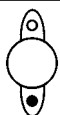
115860 Alternator 14 V, 150 Amp
 Replacing: 1986A00604, 1986A00736
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8, Length 181.00
 A: 61.00 B: 28.00 C: 76.00 mm



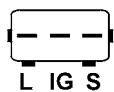
115867 Alternator 14 V, 150 Amp
 Replacing: 0124325030, 0124325062, 0124325099, 0124525042, 0124525045, 0124525059, 0124525561, 1986A00909
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8, Length 196.00
 Alternative no.: 113871
 A: 29.50 B: 62.50 C: 41.50 mm



115871 Alternator 28 V, 90 Amp
 Manufacturer: Mitsubishi
 Replacing: 0123525502
 Servicing: Iveco
 Pulley SP, Grooves 12, B+ M8, Length 204.00
 Alternative no.: 112427
 A: 90.00 B: 58.00 mm



115873 5★ Alternator 14 V, 55 Amp
Manufacturer: Marelli
Replacing: 0120488284, 0120489336
Servicing: Alfa Romeo, Fiat, Iveco
Pulley P, Grooves 1, B+ M6, Length 172.00
Alternative no.: 111418
A: 49.00 **B:** 17.00 **C:** 65.00 mm



115879 5★ Alternator 28 V, 90 Amp
Manufacturer: Mitsubishi
Replacing: 0123525500, 0123525503
Servicing: Iveco
Pulley SP, Grooves 10, B+ M8, Length 196.00
Alternative no.: 113923
A: 90.00 **B:** 58.00 mm

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115898 Alternator 14 V, 140 Amp
Replacing: 1986A01092, F000BL0800, F000BL08A0, F000BL08J7, F000BL08J8
Servicing: Audi, Seat, Skoda, VW
Pulley SP/FW, Grooves 6



115901 Alternator 14 V, 150 Amp
Replacing: 0125711034, 0125711081, 0125711088, 0125711107, 0125711108, 0125711129, 0125711130, 0125711153
Servicing: Audi, Seat, VW
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 187.00, Insulated return No
A: 39.00 **B:** 14.00 **C:** 61.00 mm



115904 Alternator 14 V, 155 Amp
Replacing: 0124525083, 0124525524, 1986A00892
Servicing: BMW, Brilliance BMW
Pulley SP/FW, Grooves 6, B+ M8, Length 195.00
A: 8.50 **B:** 63.00 **C:** 41.00 mm



115905 5★ Alternator 14 V, 150 Amp
Manufacturer: Bosch
Replacing: 0124525054, 0124525055, 1986A00872
Servicing: Beijing Benz (BBDC), Mercedes-Benz
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 199.00
A: 31.40 **B:** 70.00 **C:** 56.00 mm



115906 Alternator 14 V, 180 Amp
Replacing: 0121715041, 0121715051, 0121715151
Servicing: Audi
Pulley SP, Grooves 6, B+ M8, Length 175.00
A: 30.00 **B:** 13.00 **C:** 61.00 mm



115907# Alternator 14 V, 140 Amp
Replacing: 0124525019
Servicing: Saab
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 200.00
A: 60.00 **B:** 33.50 **C:** 56.90 mm



115908 Alternator 14 V, 150 Amp
Replacing: 0121615032, 0121615132
Servicing: Changan Volvo, Volvo
Pulley SP/FW, Grooves 6, B+ M8, Length 199.00
A: 55.00 **B:** 34.00 **C:** 58.00 mm



115909 Alternator 14 V, 220 Amp
Replacing: 0121813005, 0121813105
Servicing: Mercedes-Benz
Pulley SP/FW, Grooves 8, B+ M8, Length 191.00
A: 40.00 **B:** 90.20 **C:** 52.00 mm



115910 Alternator 14 V, 180 Amp
Replacing: 0121715076, 0121715176, 1986A00768
Servicing: Audi
Pulley SP, Grooves 6, B+ M8, Length 179.00
A: 30.00 **B:** 14.50 **C:** 62.30 mm



115912 Alternator 14 V, 220 Amp
Replacing: F00E100548
Servicing: Mercedes-Benz
Pulley SP/FW, Grooves 7, B+ M8, Length 198.00
A: 31.00 **B:** 70.10 **C:** 56.00 mm



115916 Alternator 14 V, 140 Amp
 Replacing: F000BL04R2
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 195.00
 A: 30.00 B: 13.50 C: 61.00 mm



115952 Alternator 14 V, 90 Amp
 Replacing: 0124225064
 Servicing: Smart (MCC)
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 190.00
 A: 90.50 B: 58.00 mm



115955 Alternator 14 V, 150 Amp
 Replacing: 124525130
 Servicing: Fiat
 Pulley SP, Grooves 7, B+ M8,
 Length 191.00
 A: 41.30 B: 14.00 C: 80.00 mm



115963 Alternator 14 V, 90 Amp
 Replacing: 0124225063
 Servicing: Alfa Romeo, Fiat, Lancia, Opel,
 Suzuki, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 196.00
 Alternative no.: 113722
 A: 41.00 B: 64.20 C: 55.00 mm



115966 Alternator 14 V, 150 Amp
 Replacing: 0121615011, 0121615111,
 F00E100025
 Servicing: Land Rover, Volvo
 Pulley FW, B+ M8, Length 170.00
 B: 77.00 C: 36.00 mm



115967 Alternator 14 V, 150 Amp
 Replacing: 0123520003, 0123520019,
 0123520021, 0123520026, 0123520027,
 0123520031
 Servicing: Audi, Lamborghini
 Pulley SP, Grooves 6, B+ M8
 A: 32.00 B: 14.00 C: 81.00 mm



115976 Alternator 14 V, 150 Amp
 Replacing: 0124525026, 0124525080,
 0124525523, 1986A01155
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8,
 Length 176.00
 A: 68.50 B: 28.00 C: 75.00 mm



115987 Alternator 14 V, 143 Amp
 Replacing: 0123510060, 0123510074,
 0123510075, 0124615053, 0986041060,
 0986043130, 1986A00944, 0986041060
 Servicing: Fendt
 Pulley w/o, B+ M8, Length 184.00
 Bosch Type.
 Alternative no.: 112196
 B: 56.00 mm



115988 Alternator 14 V, 150 Amp
 Manufacturer: Valeo
 Replacing: 1986A00617
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8,
 Length 184.00
 A: 32.00 B: 70.00 C: 56.00 mm



116006 Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124655277, 0124655278,
 0124655307, 0124655308, 0124655329,
 0124655330, 0124655615, 0124655616
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 8, Fan IF, B+ M8,
 Length 205.00
 A: 38.00 B: 80.00 C: 108.00 mm



116012 Alternator 14 V, 150 Amp
 Replacing: 0121615010, 0121615110
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 170.00
 A: 30.00 B: 63.00 C: 41.00 mm



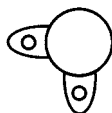
116017# Alternator 14 V, 90 Amp
 Replacing: 0124325020
 Servicing: VW
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 182.00
 A: 33.00 B: 13.50 C: 82.00 mm



116035 Alternator 14 V, 150 Amp
 Replacing: F000BL0777, F000BL0778
 Servicing: Iveco
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 180.00
 Alternative no.: 116691
 A: 38.00 B: 14.00 C: 83.50 mm



116038 Alternator 14 V, 180 Amp
 Replacing: 0121715003, 0121715047, 0121715103, 1986A00764, F00E100027
 Servicing: Dodge, VW
 Pulley SP/FW, Grooves 6, B+ M8, Length 193.00
 A: 39.50 B: 14.20 C: 61.00 mm



116047 Alternator 14 V, 110 Amp
 Replacing: 0124325178, 1986A00811
 Servicing: LDV, Maxus
 Pulley SP/FW, Grooves 6, B+ M8, Length 192.00
 Alternative no.: 114019
 A: 39.00 B: 14.00 C: 61.10 mm



116057 Alternator 14 V, 220 Amp
 Replacing: 0121813014, 0121813114
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 7, B+ M8, Length 186.00
 A: 31.50 B: 70.00 C: 56.00 mm



116060 Alternator 14 V, 180 Amp
 Replacing: 0121715011, 0121715015, 0121715115, F00E100661
 Servicing: Jeep, Mercedes-Benz
 Pulley SP/FW, Grooves 7, B+ M8, Length 183.00
 A: 31.00 B: 70.00 C: 56.00 mm



116061 Alternator 14 V, 150 Amp
 Manufacturer: OE Branded
 Replacing: 0125711001, 0125711058, 0125711101, 0125711102, 0125711131, 0125711132
 Servicing: Citroen, Ford, Peugeot
 Pulley SP/FW, Grooves 6, B+ M8, Length 184.00
 Alternative no.: 115461
 A: 43.20 B: 97.00 C: 73.75 mm



116063 Alternator 28 V, 140 Amp
 Replacing: 0120689530, 0120689535, 0120689571, 0120689574, 0120689587, 1986A00004, 1986A00007
 Servicing: Mercedes-Benz, Drögmöller, Setra, Various Agriculture Vehicles
 Terminal W, Pulley w/o, B+ M8, Length 302.00
 B- M8. Shaft 30.00 mm. w/o bushing in rear bracket hole.
 Alternative no.: 111833
 B: 15.70 C: 182.00 mm



116075 Alternator 14 V, 60 Amp
 Replacing: 0123105002, 0123105003, 0123214003
 Servicing: BMW
 Pulley w/o, B+ M8, Length 162.50
 B: 10.00 mm



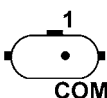
116080 Alternator 14 V, 220 Amp
 Replacing: 0121813020, 0121813120
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 189.60, Insulated return No
 Regulator F00M346081 = HC-CARGO 235822.
 A: 31.50 B: 70.00 C: 56.00 mm



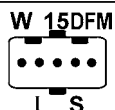
116081 Alternator 14 V, 220 Amp
 Replacing: 0121813001, 0121813101, 1986A00769
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8, Length 181.00
 Regulator F00M346081 = HC-CARGO 235822.
 A: 31.50 B: 70.00 C: 56.00 mm



116094 Alternator 14 V, 120 Amp
 Replacing: 1986A00608
 Servicing: Alfa Romeo, Fiat, Jeep
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 198.00
 A: 112.50 B: 61.10 mm



116095 Alternator 14 V, 90 Amp
 Replacing: F000BL0410, F000BL04C3, F000BL04C4, F000BL04CX
 Servicing: Dacia, Renault, Smart (MCC)
 Pulley SP/FW, Grooves 7, B+ M8, Length 179.00
 A: 32.30 B: 14.50 C: 61.00 mm



116098 5★ Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124655057, 0124655102, 0124655507, 1986A01035
 Servicing: Volvo
 Pulley SP, Grooves 8, B+ M8, Length 225.00
 Alternative no.: 116433
 A: 44.50 B: 13.50 C: 107.00 mm



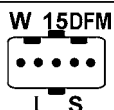
116100 Alternator 14 V, 220 Amp
 Replacing: 0121813002, 0121813102
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 7, B+ M8, Length 190.00
 A: 32.20 B: 70.00 C: 56.00 mm



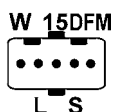
116101 Alternator 14 V, 220 Amp
 Replacing: 0121813006, 0121813106
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8, Length 182.50
 A: 32.00 B: 70.00 C: 56.00 mm



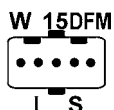
116113 Alternator 14 V, 180 Amp
 Replacing: F00E100547
 Servicing: Jeep, Mercedes-Benz
 Pulley SP/FW, Grooves 7, B+ M8, Length 187.00
 Can also be supplied w/ 1 plug (PLUG125).
 Alternative no.: 114042 5★
 A: 31.00 B: 70.00 mm



116116 5★ Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 0124555006, 1986A00513, 1986A00915
 Servicing: DAF
 Pulley SP, Grooves 8, Fan IF, B+ M8, Length 194.00
 Alternative no.: 114036
 A: 37.00 B: 14.00 C: 80.00 mm



116117 5★ Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: 0124655006, 1986A00516, 1986A00967
 Servicing: DAF
 Terminal W, Pulley SP, Grooves 8, Fan IF, B+ M8, Length 197.00
 Alternative no.: 116118
 A: 37.00 B: 14.00 C: 80.50 mm



116118 Alternator 28 V, 100 Amp
 Replacing: 0124655006, 1986A00516, 1986A00967
 Servicing: DAF
 Pulley SP, Grooves 8, B+ M8, Length 193.00
 Alternative no.: 116117 5★
 A: 37.00 B: 14.00 C: 81.00 mm



116120 Alternator 14 V, 180 Amp
 Replacing: 0121715012, 0121715112, 1986A00765
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8, Length 180.00
 Alternative no.: 116121# 5★
 A: 30.50 B: 62.80 C: 41.00 mm



116121# 5★ Alternator 14 V, 180 Amp
 Manufacturer: Bosch
 Replacing: 0121715012, 0121715112
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8, Length 175.00
 Alternative no.: 116120
 A: 30.50 B: 62.80 C: 41.00 mm



116125 Alternator 14 V, 120 Amp
 Replacing: 1986A00607
 Servicing: Alfa Romeo, Fiat, Jeep
 Pulley SP/FW, Grooves 5, B+ M8, Length 197.00
 Alternative no.: 115457# 5★
 A: 17.00 B: 24.00 C: 50.00 mm



116129 5★ Alternator 14 V, 90 Amp
 Manufacturer: Mahle Letrika
 Replacing: 0123315501, 0123320010, 0123320045, 0123320061, 0123335003, 0986038176, 0986041040
 Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong
 Terminal W, Pulley w/o, B+ M8, Length 185.00
 Alternative no.: 112529
 B: 56.00 mm



116131 5★ Alternator 14 V, 33 Amp
 Manufacturer: Mahle Letrika
 Replacing: 0120339521, 0120339536
 Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini
 Pulley P, Grooves 1, B+ M6, Length 164.00
 Alternative no.: 111662
 A: 79.80 B: 56.00 mm



116133 5★ Alternator 14 V, 33 Amp

Manufacturer: Mahle Letrika

Replacing: 0120339515, 0120339516, 0120339527, 0120339528

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

Pulley P, Grooves 1, B+ 9.30

Alternative no.: 111180

A: 48.50 B: 24.30 C: 73.50 mm



116142 Alternator 14 V, 200 Amp

Replacing: 1986A00610

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 188.00

A: 31.50 B: 70.00 C: 56.00 mm



NEW PRODUCT
www.hc-cargo.com

116143 Alternator 14 V, 220 Amp

Replacing: 0121813004, 0121813104

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 8, B+ M8



116153 Alternator 14 V, 95 Amp

Replacing: 1986A00606, 1986A00636

Servicing: Citroen, Mitsubishi

Pulley SP, Grooves 5, B+ M8

A: 48.50 B: 13.00 C: 46.30 mm



NEW PRODUCT

www.hc-cargo.com

116154 Alternator 14 V, 120 Amp

Replacing: F000BL0622

Servicing: Mitsubishi



116165 Alternator 14 V, 90 Amp

Replacing: 0124325072

Servicing: BMW

Pulley SP/FW, Grooves 6, B+ M8, Length 187.00, Insulated return No

A: 30.50 B: 63.00 C: 40.40 mm



116169 Alternator 14 V, 180 Amp

Replacing: 0121715018, 0121715118, F00E100028

Servicing: BMW

Pulley SP/FW, Grooves 7, B+ M8, Length 179.00

A: 31.00 B: 62.70 C: 40.80 mm



116170 Alternator 14 V, 120 Amp

Replacing: 0124515001, 0124515015, 0124515042, 1986A00842, 1986A01152

Servicing: Porsche

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 185.00

A: 31.70 B: 14.00 C: 81.80 mm



116171 Alternator 14 V, 150 Amp

Replacing: 0124525171, 0399604023, 1986A01162

Servicing: Mercedes-Benz, Mercedes-Benz (BBDC)

Pulley SP, Grooves 6, B+ M8, Length 196.00

A: 31.00 B: 70.00 C: 56.00 mm



116172 Alternator 14 V, 150 Amp

Replacing: 0124615009, 1986A00936, 1986A01167

Servicing: Audi

Pulley FW, Grooves 6, Fan IF, B+ M8, Length 197.00

A: 28.50 B: 70.00 C: 56.00 mm



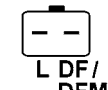
116173 Alternator 14 V, 150 Amp

Replacing: 0124615026, 0124615067, 1986A00937

Servicing: Porsche, VW

Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 200.00

A: 30.00 B: 14.00 C: 61.00 mm



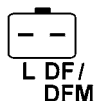
116174 Alternator 14 V, 90 Amp

Replacing: F000BL0407, F000BL04T8

Servicing: Dacia, Lada, Renault

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 173.50

A: 39.00 B: 14.50 C: 61.00 mm



116175 Alternator 14 V, 90 Amp

Replacing: 1986A01066, F000BL0408, F000BL04CU, F000BL04E9, F000BL04F0, F000BL04L1, F000BL04LI, F000BL04M7

Servicing: Dacia, Lada, Renault

Pulley SP, Grooves 6, B+ M8, Length 173.50

A: 39.00 B: 14.00 C: 61.00 mm



116176 Alternator 14 V, 110 Amp

Replacing: 1986A01090, F000BL0707, F000BL07R9

Servicing: Fiat, Iveco

Pulley SP, Grooves 7, Fan IF, B+ M8, Length 181.50

A: 41.50 B: 14.00 C: 80.20 mm



116177 Alternator 14 V, 150 Amp

Replacing: 1986A01087, F000BL0704, F000BL07N9

Servicing: Fiat, Iveco

Pulley w/o, B+ M8

Alternative no.: 115458

B: 14.00 C: 82.70 mm

NEW PRODUCT
www.hc-cargo.com

116190 Alternator 12 V, 190 Amp

Replacing: F00E100564

Servicing: Porsche

Pulley SP, Grooves 7



116195 Alternator 14 V, 180 Amp

Replacing: 0125811008, 0125811035, 1986A00564

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 193.00

A: 39.30 B: 14.00 C: 61.00 mm



116197 Alternator 14 V, 120 Amp

Replacing: 0124425033, 0124425040, 1986A01147

Servicing: Saab

Pulley SP/FW, Grooves 5, B+ M8, Length 189.50

A: 32.50 B: 79.00 C: 56.00 mm



116198 Alternator 14 V, 180 Amp

Replacing: 0121715017, 0121715117

Servicing: BMW

Pulley SP/FW, Grooves 7, B+ M8, Length 175.00

A: 30.00 B: 63.00 C: 40.80 mm



116199 Alternator 14 V, 140 Amp

Replacing: 0123510096, 0124525143, 1986A00882, 1986A01160

Servicing: Saab

Pulley SP/FW, Grooves 6, B+ M8, Length 219.00

A: 118.00 B: 56.00 mm



116200 Alternator 14 V, 110 Amp

Replacing: 1986A01086, F000BL0706, F000BL07K9

Servicing: Fiat, Iveco

Pulley SP/FW, Grooves 6, B+ M8, Length 180.50

A: 37.50 B: 14.00 C: 80.20 mm



116201 Alternator 14 V, 150 Amp

Replacing: 0121711051, 0121711090, 0125711044, 0125711051, 0125711090, 0125711127, 0125711128, 0125711187

Servicing: Audi, Audi (FAW), Faw-Audi

Terminal Plug, Pulley SP/FW, Grooves 6, B+ M8, Length 192.30

A: 29.50 B: 70.00 C: 56.30 mm



116202 Alternator 14 V, 120 Amp

Replacing: 0124425087, 1986A00829

Servicing: Opel, Vauxhall

Pulley SP/FW, Grooves 5, B+ M8, Length 188.50

A: 55.00 B: 33.50 C: 59.00 mm



116203 Alternator 14 V, 100 Amp

Replacing: 0124425085, 1986A00827, 1986A01108

Servicing: Opel, Vauxhall

Pulley SP/FW, Grooves 5, B+ M8, Length 188.50

A: 55.00 B: 33.00 C: 59.00 mm



116204 Alternator 14 V, 90 Amp

Replacing: 1986A01065, F000BL0425, F000BL04A0

Servicing: Seat, Skoda, VW

Pulley SP, Grooves 6, B+ M8, Length 180.00

A: 30.00 B: 14.00 C: 61.00 mm

NEW PRODUCT
www.hc-cargo.com

116219 Alternator 14 V, 100 Amp

Manufacturer: Denso

Replacing: 1986A00740

Servicing: Toyota

Pulley SP/FW, Grooves 4, B+ M6, Length 163.00

A: 29.70 B: 19.20 C: 37.30 mm



NEW PRODUCT
www.hc-cargo.com

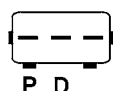
116221* Alternator 14 V, 120 Amp

Replacing: 1986A00605

Servicing: Ford

Pulley SP/FW, Grooves 6, B+ M8, Length 177.00

A: 42.50 B: 21.50 C: 32.00 mm



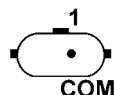
116224 Alternator 14 V, 100 Amp

Replacing: 1986A00654

Servicing: Mazda, Mazda (Changan)

Pulley SP, Grooves 6, Fan IF, B+ M8

A: 44.30 B: 13.00 C: 66.20 mm



116225 Alternator 14 V, 150 Amp

Replacing: 1986A00686, F000BL0814, F000BL0841, F000BL08A5, F000BL08D0

Servicing: Nissan, Renault

Pulley SP/FW, Grooves 7, B+ M8, Length 193.00 See the Nota

A: 32.40 B: 14.40 C: 61.00 mm

NEW PRODUCT
www.hc-cargo.com

116228 Alternator 12 V, 180 Amp

Replacing: 0125811004, 0125811033, 0125811073, 0125811074, 0125811131, 0125811132

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6



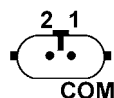
116232 Alternator 14 V, 110 Amp

Replacing: F000BL0603, F000BL0664

Servicing: Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 174.40, Insulated return No

A: 29.00 B: 14.50 C: 60.60 mm



116233 Alternator 14 V, 150 Amp

Replacing: 0124525078, 0124525138

Servicing: Renault

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 205.00

A: 38.50 B: 14.00 C: 61.00 mm



116234 Alternator 14 V, 125 Amp

Replacing: 1986A01079, F000BL0703, F000BL0719

Servicing: Dacia, Renault

Pulley SP/FW, Grooves 6, B+ M8, Length 184.00

A: 38.20 B: 14.00 C: 61.00 mm



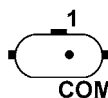
116235 Alternator 14 V, 140 Amp

Replacing: F000BL0805, F000BL0818, F000BL0830, F000BL08C8

Servicing: Seat

Pulley SP/FW, Grooves 6, B+ M8, Length 191.00

A: 29.50 B: 14.00 C: 61.70 mm



116240 Alternator 14 V, 125 Amp

Replacing: F000BL07AS, F000BL07AT

Servicing: Dacia, Lada, Renault, Smart (MCC)

Pulley SP/FW, Grooves 7, B+ M8, Length 187.00

A: 32.70 B: 13.70 C: 60.80 mm

NEW PRODUCT
www.hc-cargo.com

116242 Alternator 12 V, 180 Amp

Replacing: 1986A00601

Servicing: Citroen, DS, Peugeot Grooves 6

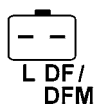


NEW PRODUCT
www.hc-cargo.com

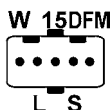
116290 Alternator 14 V, 210 Amp
Replacing: 0125812009, 0125812012, 1986A01056
Servicing: Volvo
Pulley SP, Grooves 6



116298 Alternator 14 V, 140 Amp
Replacing: F000BL08F1, F000BL08F2, F000BL08J3, F000BL08J4, F000BL08P3, F000BL08P4
Servicing: Audi, Seat, Skoda, VW
Pulley SP/FW, Grooves 6, B+ M8, Length 202.00
A: 29.50 B: 14.00 C: 62.00 mm



116299 Alternator 14 V, 90 Amp
Replacing: F000BL0457
Servicing: Dacia, Renault
Pulley SP/FW, Grooves 3, Fan IF, B+ M8, Length 170.90
A: 47.50 B: 14.00 C: 61.00 mm



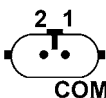
116310 Alternator 28 V, 80 Amp
Replacing: 0124555036, 1986A00538, 1986A00923
Servicing: Volvo
Pulley SP, Grooves 8, Fan IF, B+ M8, Length 216.00
A: 44.50 B: 13.00 C: 105.00 mm



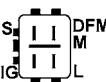
116321 Alternator 14 V, 150 Amp
Replacing: 1986A01088, F000BL0705, F000BL07P9
Servicing: Fiat, Iveco
Pulley SP, Grooves 7, B+ M8, Length 181.20
Alternative no.: 115455
A: 40.60 B: 13.50 C: 81.30 mm



116322 Alternator 14 V, 120 Amp
Replacing: 0124515088, 0124515198, 1986A00862
Servicing: Mercedes-Benz
Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 200.00
Alternative no.: 113877
A: 32.00 B: 70.00 C: 56.00 mm



116323 Alternator 14 V, 150 Amp
Replacing: 0124525081, 0124525139, 0124525534, 1986A00899
Servicing: Dacia, Renault
Grooves 6, B+ M8, Length 197.00
Alternative no.: 114721
A: 39.40 B: 14.40 C: 60.50 mm



116332 Alternator 14 V, 90 Amp
Replacing: 0124325079, 0124325080
Servicing: Toyota
Pulley SP, Grooves 6, Fan IF, B+ M6, Length 163.00
A: 34.50 C: 40.00 mm



116334 Alternator 14 V, 120 Amp
Replacing: 0124515005, 0124515080
Servicing: Opel, Vauxhall
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 180.00
A: 52.00 B: 34.00 C: 57.00 mm



116337 Alternator 14 V, 120 Amp
Replacing: 0124515053, 0124515059
Servicing: Audi, Seat
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 200.00
A: 29.00 B: 70.00 C: 55.80 mm



116343 Alternator 14 V, 90 Amp
Replacing: 0124325006
Servicing: Chrysler, Honda
Pulley SP, Grooves 6, Fan IF, B+ M6, Length 181.00
A: 91.50 mm



116352 Alternator 14 V, 160 Amp
Replacing: 0124625024, 0124625025, 0124625209, 1986A00953
Servicing: Volvo
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 196.00
Alternative no.: 115708
A: 44.00 B: 20.00 C: 82.00 mm



116354 Alternator 14 V, 140 Amp

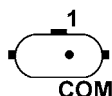
Replacing: 0124525116, 0124525531, 1986A00897

Servicing: Audi

Pulley SP, Grooves 6, B+ M8, Length 180.00

Alternative no.: 114780# 5★

A: 30.30 B: 14.50 C: 62.10 mm



116355 Alternator 14 V, 150 Amp

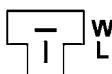
Replacing: 1986A00621

Servicing: Dacia, Mercedes-Benz, Renault

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 195.70

Alternative no.: 115431 5★

A: 38.75 B: 14.20 C: 60.90 mm



116361 Alternator 14 V, 105 Amp

Replacing: 1986A01097, F002G10862

Servicing: VM (Stabilimenti Mec)

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 248.50

Alternative no.: 114383 5★

A: 39.90 B: 14.00 mm



116362 Alternator 14 V, 80 Amp

Replacing: 1986A01122

Servicing: Ford, Ford USA, Mazda

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 159.25, Insulated return No

Alternative no.: 113912 5★

A: 42.50 B: 21.50 C: 45.80 mm



116373 Alternator 14 V, 140 Amp

Replacing: F000BL08G7, F000BL08G8

Servicing: Audi, Seat, Skoda, VW

Pulley FW, Grooves 6, Fan IF, B+ M8, Length 192.00

A: 40.00 B: 14.00 C: 61.00 mm



116380 Alternator 14 V, 140 Amp

Replacing: 0124525114, 0124525530, 1986A00896

Servicing: Audi

Pulley SP/FW, Grooves 6, B+ M8

A: 40.00 B: 14.00 C: 61.00 mm



116381 Alternator 14 V, 150 Amp

Replacing: F000BL0825, F000BL08E0

Servicing: Nissan, Renault

Pulley SP/FW, Grooves 6, B+ M8, Length 201.00

A: 39.30 B: 14.50 C: 61.00 mm



116383 Alternator 14 V, 140 Amp

Replacing: F000BL0801, F000BL0802, F000BL08A1, F000BL08J1, F000BL08J2

Servicing: Seat, Skoda, VW

Pulley FW, Grooves 6, Fan IF, B+ M8, Length 185.00

A: 29.50 B: 14.00 C: 61.00 mm



116384 Alternator 14 V, 180 Amp

Replacing: 0125811089, 0125811090, 0125811153

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 197.00

A: 39.50 B: 14.00 C: 61.00 mm



116387 Alternator 14 V, 140 Amp

Replacing: F000BL0803, F000BL0829, F000BL08K1, F000BL08K2, F000BL08P1, F000BL08P2, F00E100658

Servicing: Audi, Cupra, Seat, Skoda, VW

Pulley FW, Grooves 6, Fan IF, B+ M8, Length 190.00

A: 29.50 B: 70.00 C: 56.00 mm



116388 Alternator 14 V, 220 Amp

Replacing: 1986A00576

Servicing: BMW

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 180.00

A: 57.00 B: 28.00 C: 75.40 mm



116390 Alternator 14 V, 120 Amp

Servicing: Chevrolet, Opel, Vauxhall

Pulley FW, Grooves 5, Fan IF, B+ M8, Length 189.00, Insulated return No

A: 54.50 B: 33.70 C: 58.00 mm



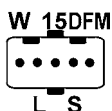
116394 Alternator 14 V, 130 Amp
 Replacing: 1986A00776
 Servicing: Mitsubishi
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 188.00
 A: 33.50 B: 13.00 C: 54.00 mm



116404 Alternator 14 V, 150 Amp
 Replacing: 1986A00638
 Servicing: Alfa Romeo, Fiat, Jeep
 Pulley FW, Grooves 6, B+ M8, Length 198.00
 A: 109.00 B: 57.00 mm



116408 Alternator 14 V, 210 Amp
 Replacing: 0125812013, 0125812014, 0125812061, 0125812062
 Servicing: Land Rover
 Terminal Plug, Pulley SP/FW, Grooves 6, B+ M8, Length 183.00
 A: 42.80 B: 21.50 C: 44.50 mm



116433 Alternator 28 V, 150 Amp
 Replacing: 0124655057, 0124655102, 0124655507, 1986A01035
 Servicing: Volvo
 Pulley SP, Grooves 8, B+ M8, Length 225.00
 Alternative no.: 116098 ★
 A: 44.50 B: 13.50 C: 107.00 mm



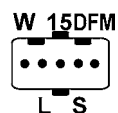
116438 Alternator 14 V, 180 Amp
 Replacing: 0121715077, 0121715177
 Servicing: Audi, VW
 Pulley SP/FW, Grooves 6, B+ M8, Length 190.00
 A: 40.40 B: 14.30 C: 62.00 mm



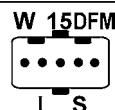
116441 Alternator 14 V, 150 Amp
 Replacing: 0121615009, 0121615109
 Servicing: Ford
 Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
 A: 42.90 B: 21.00 C: 46.50 mm



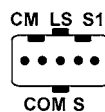
116453 Alternator 14 V, 115 Amp
 Replacing: 0123512500, 0124515126, 1986A01112, 0986046030
 Servicing: John Deere
 Pulley w/o, Fan IF, Length 177.00
 B: 56.00 mm



116457 Alternator 28 V, 150 Amp
 Replacing: 0124655073, 0124655291, 0124655292, 0124655510, 1986A01020
 Servicing: Mercedes-Benz
 Pulley w/o, Fan IF, Length 198.00
 Alternative no.: 115805 ★
 B: 80.20 mm



116459 ★ Alternator 28 V, 120 Amp
 Manufacturer: Bosch
 Replacing: 0124655243, 0124655244, 1986A00997
 Servicing: MAN
 Pulley w/o, Fan IF, B+ M8
 B: 80.00 mm



116462 ★ Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124655124, 0124655160, 1986A00988
 Servicing: Mercedes-Benz
 Pulley w/o, Fan IF, B+ M8, Length 198.00
 B: 80.00 C: 108.00 mm



NEW PRODUCT
www.hc-cargo.com

116463 Alternator 14 V, 150 Amp
 Replacing: 0124615022, 0124615028, 0124615068, 1986A00938
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 196.00
 A: 31.40 B: 70.00 C: 56.00 mm



NEW PRODUCT
www.hc-cargo.com

116467 Alternator 14 V, 150 Amp
 Replacing: 0125711030, 0125711055, 1986A01041
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 5, Fan IF, B+ M8, Length 186.50
 A: 29.80 B: 14.00 C: 59.00 mm



DFM L



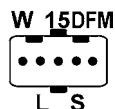
116468 Alternator 14 V, 100 Amp

Replacing: 0124415026

Servicing: Chevrolet, Holden, Opel, Vauxhall

Pulley SP/FW, Grooves 5, Fan IF, B+ M8, Length 191.00

A: 32.00 B: 79.00 C: 56.00 mm



W 15DFM



116478 Alternator 28 V, 110 Amp

Replacing: 0124655009, 1986A00514, 1986A00969, 3.852.2324F, 51.26101-7246, 51.26101-7270, 51.26101-9246

Servicing: MAN

Terminal W, Pulley w/o, Fan IF, Length 179.00

Alternative no.: 114016

B: 80.00 mm



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116487 Alternator 14 V, 180 Amp

Replacing: F00E100550

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 191.00

A: 31.50 B: 70.00 C: 56.00 mm



FR L C



116502 Alternator 14 V, 70 Amp

Replacing: 0986084040

Servicing: Hyundai, Kia

Pulley SP, Grooves 5, Fan IF, B+ M8, Length 166.00

A: 20.00 B: 16.00 C: 42.60 mm



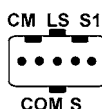
116504 Alternator 14 V, 100 Amp

Replacing: 1986A00641

Servicing: Toyota

Pulley SP/FW, Grooves 6, Fan IF, B+ M6, Length 167.00

A: 48.00 B: 20.00 C: 43.00 mm



CM LS S1



116508 Alternator 28 V, 150 Amp

Replacing: 0124655235, 0124655236, 1986A00996

Servicing: Mercedes-Benz

Pulley SP, Grooves 8, Fan IF, B+ M8, Length 205.00

Alternative no.: 116612

A: 38.00 B: 80.00 C: 108.00 mm



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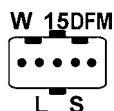
NEW PRODUCT
www.hc-cargo.com

116512 Alternator 14 V, 200 Amp

Replacing: 0124625033

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, Fan IF



W 15DFM



116514 Alternator 28 V, 110 Amp

Manufacturer: Bosch

Replacing: 0124655014, 0124655293, 0124655294, 0124655405, 0124655406, 1986A01025

Servicing: Bova, DAF, Solaris, Temsa

Pulley w/o, Fan IF

Alternative no.: 114314



116519 Alternator 28 V, 120 Amp

Manufacturer: Bosch

Replacing: 0124655076, 0124655297, 1986A01021

Servicing: Caterpillar

Pulley w/o, Fan IF, B+ M8, Length 230.00

B: 80.00 C: 108.00 mm



COM



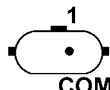
116546 Alternator 14 V, 110 Amp

Replacing: F000BL0639, F000BL06BG, F000BL06BK, F000BL06BM

Servicing: Ford, Ford Australia

Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 180.00

A: 43.00 B: 61.00 C: 74.00 mm



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NEW PRODUCT
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116561 Alternator 14 V, 185 Amp

Replacing: 1986A00570

Servicing: Opel, Renault, Vauxhall

Pulley SP/FW, Grooves 7



LIN



116573 Alternator 14 V, 150 Amp

Replacing: F000BL0781, F000BL0782

Servicing: Iveco

Pulley SP, Grooves 7, B+ M8, Length 180.00

A: 41.40 B: 14.20 C: 83.40 mm



116576 Alternator 14 V, 180 Amp
 Replacing: 0125811115, 0125811116
 Servicing: VW
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 191.00
 A: 40.00 B: 14.00 C: 60.00 mm



116583 Alternator 14 V, 180 Amp
 Replacing: 0121715080, 0121715180
 Servicing: Audi
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 180.00
 A: 30.00 B: 14.20 C: 62.00 mm



116585 Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: 0120468143, 0120468145, 0120469119, 0120501151, 1986A01059, 1986A01102, 1986A01117, 6033GB3010
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 8, B+ M8
 Alternative no.: 113448
 A: 113.00 B: 80.00 mm



116587 Alternator 14 V, 110 Amp
 Replacing: 0124325015, 0124325025, 0124325057, 0124325106, 0124325126, 1986A00784
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 184.00
 A: 39.90 B: 14.00 C: 61.00 mm



116591 Alternator 14 V, 150 Amp
 Replacing: F000BL07CE, F000BL07CF
 Servicing: Iveco
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 184.00
 A: 41.50 B: 14.00 C: 83.50 mm



116597 Alternator 14 V, 180 Amp
 Replacing: 1986A00640
 Servicing: Jaguar, Land Rover
 Pulley FW, Grooves 6, Fan IF, B+ M8, Length 189.00
 A: 43.00 C: 44.50 mm

NEW PRODUCT
www.hc-cargo.com



116602* Alternator 14 V, 175 Amp
 Replacing: 0125711043, 0125711071
 Servicing: Mercedes-Benz
 Grooves 6, B+ M8

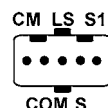
116603 Alternator 14 V, 70 Amp
 Replacing: 0124220012
 Servicing: Various Agriculture Vehicles
 Pulley P, Grooves 1, B+ M6, Length 178.00
 A: 41.00 B: 17.50 C: 66.00 mm

NEW PRODUCT
www.hc-cargo.com

116607 Alternator 14 V, 140 Amp
 Replacing: 1986A00634, F000BL08E1, F000BL08E2, F000BL08F7, F000BL08F8
 Servicing: Audi, Skoda
 Grooves 6

NEW PRODUCT
www.hc-cargo.com

116609* Alternator 14 V, 125 Amp
 Replacing: F000BL07G5, F000BL07G6, F000BL07G5
 Servicing: Dacia, Renault
 Grooves 6, B+ M8



116612 Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124655235, 0124655236, 1986A00996
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 8, Fan IF, B+ M8
 Alternative no.: 116508
 A: 38.00 B: 80.00 C: 108.00 mm

NEW PRODUCT
www.hc-cargo.com

116619* Alternator 14 V, 110 Amp
 Replacing: F000BL07DK, F000BL07DL, F000BL07L3
 Servicing: Audi, Seat, Skoda, VW



116623 Alternator 14 V, 200 Amp

Replacing: 0124625031, 11.204.424, 1986A00957, 1986A01115, AAN5840, V836673431

Servicing: Various Industrial applications

Pulley w/o, Fan IF, B+ M8, Length 176.00

Alternative no.: 113707

B: 56.00 mm



NEW PRODUCT
www.hc-cargo.com

116631 Alternator 14 V, 175 Amp

Replacing: 0125711099, 0125711100, 0125711119, 0125711120, 0125711121, 0125711122, 1986A01045

Servicing: Mercedes-Benz, Mercedes-Benz (BBDC)

Pulley SP/FW, Grooves 6



116632 Alternator 14 V, 150 Amp

Replacing: 0125711032, 0125711080

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 191.00

A: 32.50 B: 14.00 C: 60.00 mm



NEW PRODUCT
www.hc-cargo.com

116647* Alternator 14 V, 140 Amp

Replacing: F000BL08M7, F000BL08M8

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, Fan IF



116650 Alternator 28 V, 55 Amp

Replacing: 0120469024, 0120469983

Servicing: DAF

Fan IF, B+ M8, Length 180.00,

Insulated return Yes

A: 30.00 B: 80.00 C: 59.50 mm



NEW PRODUCT
www.hc-cargo.com

116653* Alternator 14 V, 140 Amp

Replacing: 0124525188, 0124525543, 1986A00906

Servicing: VW

Pulley SP/FW, Grooves 6



116654 Alternator 28 V, 80 Amp

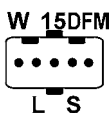
Manufacturer: Bosch

Replacing: 0120469115, 0120469116, 0120469117, 1986A00156, 1986A00748, 6033GB3019, 6033GB3022, 6033GB3027

Servicing: MAZ, Mercedes-Benz

Terminal W, Pulley SP, Grooves 8, Fan EF, B+ M8, Length 188.00

Alternative no.: 112561

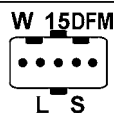


NEW PRODUCT
www.hc-cargo.com

116673* Alternator 28 V, 100 Amp

Replacing: 0124655327, 0124655328, 0124655617, 0124655618

Pulley SP, Grooves 8



116674 Alternator 28 V, 120 Amp

Manufacturer: Bosch

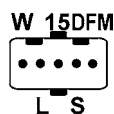
Replacing: 0124655024, 0124655333, 0124655334, 1986A01023

Servicing: Volvo

Pulley SP, Grooves 8, Fan IF, B+ M8, Length 222.00

Alternative no.: 115824

A: 44.50 B: 13.70 C: 107.30 mm



116675 Alternator 28 V, 150 Amp

Manufacturer: Bosch

Replacing: 0124655181, 0124655182, 1986A00991

Servicing: Temsa

Pulley SP, Grooves 8, Fan IF, B+ M8, Length 215.00

A: 36.50 B: 80.00 C: 108.00 mm



NEW PRODUCT
www.hc-cargo.com

116678* Alternator 14 V, 90 Amp

Replacing: F000BL04D3, F000BL04D4

Servicing: Seat, Skoda, VW

Pulley SP, Grooves 6



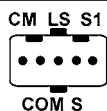
NEW PRODUCT
www.hc-cargo.com

116683* Alternator 14 V, 215 Amp

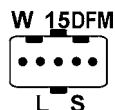
Replacing: 0125812037, 0125812038, 0125812075, 0125812076, F00E100669

Servicing: Volvo

Pulley SP/FW, Grooves 6, Fan IF



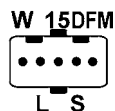
116684 Alternator 28 V, 150 Amp
 Replacing: 0124655125, 0124655161, 1986A00989
 Servicing: Mercedes-Benz
 Pulley w/o, Fan IF
 Alternative no.: 115808



116687 Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 0124555121, 0124555122, 0124555583, 0124555584, 1986A00931
 Servicing: DAF
 Pulley SP, Grooves 8, Fan IF, B+ M8, Length 210.00
 A: 36.50 B: 80.00 C: 108.00 mm



116691 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: F000BL0777, F000BL0778
 Servicing: Iveco
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 178.00
 Alternative no.: 116035
 A: 37.80 B: 14.00 C: 81.40 mm



116692 Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124655083, 0124655437, 1986A01029
 Servicing: Volvo
 Pulley SP, Grooves 8, Fan IF, B+ M8, Length 226.00
 A: 44.50 B: 13.70 C: 107.20 mm

NEW PRODUCT
www.hc-cargo.com

116698 Alternator 14 V, 85 Amp
 Replacing: 0124525041, 1986A00643, 1986A00871
 Servicing: Mitsubishi
 Pulley SP, Grooves 5

NEW PRODUCT
www.hc-cargo.com

116701* Alternator 14 V, 100 Amp
 Replacing: 0124425084
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6

NEW PRODUCT
www.hc-cargo.com

116705* Alternator 14 V, 110 Amp
 Replacing: F000BL06Z7, F000BL06Z8
 Servicing: Seat, Skoda, VW
 Pulley SP, Grooves 6



NEW PRODUCT
www.hc-cargo.com

116722 Alternator 14 V, 210 Amp
 Replacing: 0125811039, 0125811040
 Servicing: Iveco
 Pulley SP/FW, Grooves 6



NEW PRODUCT
www.hc-cargo.com

116725 Alternator 14 V, 140 Amp
 Replacing: 0124525216, 0124525565, 0124525566, 1986A00910
 Servicing: Fuso (Mitsubishi), Mitsubishi, Temsa
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 193.00
 A: 37.90 B: 14.00 C: 79.50 mm

NEW PRODUCT
www.hc-cargo.com

116732* Alternator 14 V, 150 Amp
 Replacing: F000BL07CA, F000BL07CB
 Servicing: Fiat
 Grooves 7

NEW PRODUCT
www.hc-cargo.com

116739 Alternator 14 V, 240 Amp
 Replacing: 0124625081, 0124625103, 1986A00961
 Servicing: Caterpillar
 Pulley w/o

NEW PRODUCT
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116741* Alternator 28 V, 150 Amp
 Replacing: 0124655438
 Servicing: Volvo
 Pulley SP, Grooves 8

NEW PRODUCT
www.hc-cargo.com

116743* Alternator 14 V, 185 Amp
 Replacing: 1986A00613
 Servicing: Renault
 Pulley SP/FW, Grooves 7

NEW PRODUCT
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116751* Alternator 14 V, 70 Amp
 Replacing: 0123115013
 Servicing: Suzuki
 Pulley SP, Grooves 4

NEW PRODUCT

www.hc-cargo.com

116753* Alternator 14 V, 110 Amp

Replacing: F000BL0701, F000BL07A0

Servicing: Skoda



NEW PRODUCT

www.hc-cargo.com

116768* Alternator 14 V, 220 Amp

Replacing: 0121813023, 0121813123

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, Fan IF, B+ M8

A: 31.40 B: 70.00 C: 56.00 mm

NEW PRODUCT

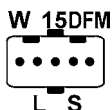
www.hc-cargo.com

116782 Alternator 14 V, 210 Amp

Replacing: 0125811015, 0125811016,
0125811085, 0125811086, 1986A00683

Servicing: Ford

Pulley SP/FW, Grooves 7



NEW PRODUCT

www.hc-cargo.com

116784* Alternator 28 V, 150 Amp

Replacing: 0124655123, 0124655279, 1986A00998

Servicing: Heuliez, Iveco

Pulley SP, Grooves 8

NEW PRODUCT

www.hc-cargo.com

116787* Alternator 28 V, 150 Amp

Replacing: 0124655114, 0124655214, 0124655233,
0124655305, 0124655306, 0124655621,
0124655622

Servicing: Mercedes-Benz

Grooves 8

NEW PRODUCT

www.hc-cargo.com

116789* Alternator 28 V, 120 Amp

Replacing: 0124655085

Servicing: Volvo

Grooves 8

NEW PRODUCT

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116790 Alternator 14 V, 110 Amp

Replacing: F000BL061C, F000BL0628

Servicing: Dacia, Renault

Grooves 6

NEW PRODUCT

www.hc-cargo.com

116792 Alternator 14 V, 150 Amp

Replacing: F000BL0889, F000BL0890

Servicing: Renault

Grooves 6

NEW PRODUCT

www.hc-cargo.com

116797* Alternator 14 V, 110 Amp

Replacing: 1986A01072, F000BL0652

Grooves 6



NEW PRODUCT

www.hc-cargo.com

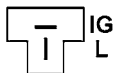
116903* Alternator 14 V, 180 Amp

Replacing: 0125811021, 0125811029, 1986A01049

Servicing: Citroen, Peugeot

Grooves 6

Alternative no.: 115739



115319 Alternator 14 V, 45 Amp
 Replacing: 825577
 Servicing: Briggs & Stratton
 Pulley w/o, B+ M6
 B: 21.00 mm



110077 5★ Alternator 14 V, 50 Amp

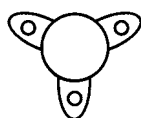
Manufacturer: Mahle Letrika

Replacing: 858885, 860150

Servicing: Citroen, Opel, Peugeot, Vauxhall, Case, Deutz-Fahr, Fendt, Goldoni

Pulley P, Grooves 1, B+ M6, Length 171.00

A: 78.50 B: 56.00 mm



110113 Alternator 28 V, 27 Amp

Replacing: 857475, 857479

Servicing: Mercedes-Benz

Pulley w/o, B+ M6, Length 165.00

B: 80.00 mm



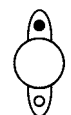
110116 Alternator 28 V, 35 Amp

Replacing: 858773, 859020, 860155

Servicing: DAF, MAN, Ford

Terminal W, Pulley w/o, B+ M8, Length 180.00

B: 80.00 mm



110173 Alternator 28 V, 75 Amp

Replacing: 859866Z, LNA7524, LNA7524/1

Servicing: DAF, Clark

Pulley w/o, B+ M8, Length 246.00, Insulated return No NOTE !! NOT with insulated return

B: 14.50 C: 101.50 mm



110175 Alternator 28 V, 100 Amp

Replacing: 859490PB

Servicing: Volvo, Volvo Penta

Pulley w/o, Fan EF, B+ M8,

Length 249.00, Insulated return Yes

Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.

B: 14.75 C: 103.00 mm



110176 Alternator 28 V, 175 Amp

Replacing: 859477B, 859477PB

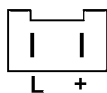
Servicing: Volvo Penta

Terminal W, Pulley w/o, Fan EF,

B+ 5/16" UNC, Length 278.00,

Insulated return Yes

B: 14.75 C: 101.50 mm



110889 Alternator 14 V, 75 Amp

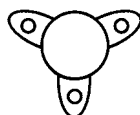
Replacing: 860140

Servicing: Renault, Renault V.I.

Terminal W, Pulley P, Grooves 1,

B+ M6, Length 176.50

A: 57.90 B: 26.90 C: 69.00 mm



110895 Alternator 28 V, 55 Amp

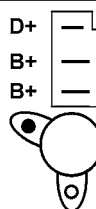
Replacing: 859820

Servicing: Man, Mercedes, Daf, Kässbohrer, SSangyoung, Mercedes-Benz

Terminal W, Pulley w/o, B+ M8,

Length 196.50, Insulated return No

B: 80.00 mm



110968 Alternator 14 V, 70 Amp

Replacing: 858787

Servicing: Austin, Rover, Nissan MG, Case, Dronningborg, Ford, Mercedes-Benz, Valtra

Pulley P, Grooves 1, Fan EF, B+ M6,

Length 167.00

Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 11.00 C: 82.00 mm



111295 Alternator 28 V, 55 Amp

Replacing: 854477, 857612, 857621, 857626,

857633, 857638, 858085, 858693, 859437,

859438, 859440, 859544

Servicing: Cummins, Perkins

Terminal W, Pulley w/o, B+ M5,

Length 188.60, Insulated return Yes

Shaft dia. 19.00 mm.

B: 76.25 mm



111355 Alternator 14 V, 65 Amp

Replacing: 858776

Servicing: Austin, Rover, Nissan MG, Massey

Ferguson, New Holland, Dronningborg, Val-

met, Agco, Bobcat, Case, Case IH, Cater-

pillar, Claas, Fendt, Gehl, Hako, Hyundai,

Ingersoll-Rand, JCB

Terminal W, Pulley P, Grooves 1,

B+ M6-6.30, Length 163.50

A: 37.00 B: 11.50 C: 81.00 mm



111419 Alternator 28 V, 55 Amp

Replacing: 860576

Servicing: Fiat-Allis, Iveco, Allis Chalmers,

BENFRA, Laverda

Terminal W, Pulley DP, Grooves 2,

B+ M8, Length 188.00

A: 50.00 B: 17.45 C: 63.00 mm



111568 Alternator 14 V, 85 Amp
 Replacing: 859023
 Servicing: Fiat, Citroen, Peugeot
 Pulley SP, Grooves 6, B+ M8,
 Length 200.50
 A: 41.00 B: 17.00 C: 82.00 mm



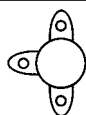
111629 Alternator 28 V, 120 Amp
 Replacing: 860166, 860170
 Servicing: MAN, Mercedes-Benz, Setra
 Terminal W, Pulley w/o, B+ M8,
 Length 310.50
 B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm



111746 Alternator 28 V, 80 Amp
 Replacing: 860551
 Servicing: Volvo
 Terminal W, Pulley w/o, Fan EF, B+ M8,
 Length 189.00
 B: 14.50 C: 103.50 mm



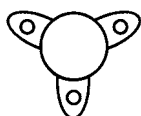
111834 Alternator 28 V, 55 Amp
 Replacing: 858882
 Servicing: Scania, Pegaso
 Terminal W, Pulley w/o, B+ M8,
 Length 180.00
 Heavy duty type: HC-CARGO 112182 (80 A).
 B: 80.00 mm



111886 Alternator 28 V, 65 Amp
 Replacing: 860306
 Servicing: Scania, Toyota
 Terminal W, Pulley w/o, B+ M8,
 Length 190.00
 B: 23.25 C: 68.70 mm



112076 Alternator 28 V, 80 Amp
 Replacing: 860134, 860560
 Servicing: Citroen, Iveco, Scania, Renault VI,
 Heuliez, Irisbus, Renault V.I.
 Terminal W, Pulley w/o, B+ M8,
 Length 183.00
 B: 27.00 C: 71.00 mm



112159 Alternator 28 V, 80 Amp
 Replacing: 860151, 860558
 Servicing: Daf, Man, Mercedes-Benz, Renault
 V.I.
 Terminal W, Pulley w/o, B+ M8,
 Length 186.00
 B: 80.40 mm



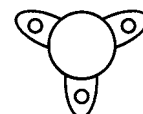
112343 Alternator 28 V, 140 Amp
 Replacing: 860138
 Servicing: Renault V.I., Scania, Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 304.50
 B- M8. Shaft 30.00 mm.
 B: 15.30 C: 182.00 mm



112345 Alternator 28 V, 55 Amp
 Replacing: 858880, 860135
 Servicing: Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 179.50
 B: 51.50 mm



112493 Alternator 28 V, 65 Amp
 Replacing: 860568
 Servicing: Case, Cummins
 Terminal W, Pulley w/o, B+ 7/16" UNC,
 Length 232.00
 B: 14.00 C: 100.00 mm



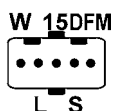
112561 Alternator 28 V, 80 Amp
 Replacing: 860559
 Servicing: Mercedes-Benz, MAZ
 Terminal W, Pulley w/o, B+ M8,
 Length 188.00
 Alternative no.: 116654
 B: 80.00 mm



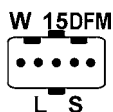
112757 Alternator 28 V, 55 Amp
 Replacing: 860157
 Servicing: Scania, Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 185.00, Insulated return No Bosch
 0 120 469 963 = Insulated, HC-CARGO 112757
 is not insulated return.
 B: 27.50 C: 68.00 mm



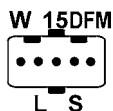
112803 Alternator 28 V, 80 Amp
 Replacing: 859983, 860562
 Servicing: Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 181.50
 B: 51.00 mm



114296 Alternator 28 V, 90 Amp
 Replacing: 860810
 Servicing: Iveco, Ginat, Heuliez, Irisbus,
 Temsa
 Pulley SP, Grooves 8, Fan IF, B+ M8
 Alternative no.: 115489
 A: 37.00 B: 14.00 C: 81.00 mm



114753 Alternator 28 V, 100 Amp
 Replacing: 860805
 Servicing: Scania
 Terminal W, Pulley SP, Grooves 8,
 B+ M8, Length 195.00
 Alternative no.: 115498
 A: 20.00 B: 85.00 C: 35.50 mm



115498 Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: 860805, 860805GB
 Servicing: Scania
 Terminal W, Pulley SP, Grooves 8,
 B+ M8, Length 207.00
 Alternative no.: 114753
 A: 20.00 B: 85.00 C: 35.50 mm



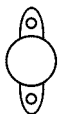
116654 Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 860559
 Servicing: MAZ, Mercedes-Benz
 Terminal W, Pulley SP, Grooves 8,
 Fan EF, B+ M8, Length 188.00
 Alternative no.: 112561



110112 Alternator 28 V, 40 Amp
 Replacing: 2998054
 Servicing: Volvo, Volvo Penta
 Terminal W, Pulley w/o, Fan EF, B+ M6,
 Length 175.50
 B: 51.00 mm



110116 Alternator 28 V, 35 Amp
 Replacing: 2998055
 Servicing: DAF, MAN, Ford
 Terminal W, Pulley w/o, B+ M8,
 Length 180.00
 B: 80.00 mm



111295 Alternator 28 V, 55 Amp
 Replacing: 1266450, 1266530, 1266720,
 1268520, 1268560, 1268580, 1268590,
 1268590C, 1268590M, 1268600M
 Servicing: Cummins, Perkins
 Terminal W, Pulley w/o, B+ M5,
 Length 188.60, Insulated return Yes
 Shaft dia. 19.00 mm.
 B: 76.25 mm



111578 Alternator 14 V, 60 Amp
 Replacing: S11524-18X
 Servicing: Rover, Honda
 Pulley SP, Grooves 3, B+ M6,
 Length 153.00
 A: 89.50 B: 58.25 mm



111629 Alternator 28 V, 120 Amp
 Replacing: 1277640
 Servicing: MAN, Mercedes-Benz, Setra
 Terminal W, Pulley w/o, B+ M8,
 Length 310.50
 B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm



111833 Alternator 28 V, 140 Amp
 Replacing: 1277670
 Servicing: Mercedes-Benz, Drögmöller, Setra,
 Various Agriculture Vehicles
 Terminal W, Pulley w/o, B+ M8,
 Length 302.00
 B- M8. Shaft 30.00 mm. w/ bushing in rear
 brackethole.
 Alternative no.: 116063
 B: 15.70 C: 182.00 mm



111842 Alternator 28 V, 140 Amp
 Replacing: 1277690, 1277720
 Servicing: Heuliez, Ikarus, Irisbus, Iveco,
 MAN, Mercedes-Benz, Neoplan
 Terminal W, Pulley w/o, B+ M8,
 Length 313.00
 B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm



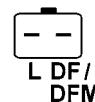
112097 Alternator 28 V, 30 Amp
 Replacing: 2998230
 Servicing: Iveco, Allis Chalmers, Astra, Fahr,
 Fiat, Laverda
 Pulley P, Grooves 1, B+ M6,
 Length 174.00
 A: 45.00 B: 17.00 C: 63.00 mm



112343 Alternator 28 V, 140 Amp
 Replacing: 1277680
 Servicing: Renault V.I., Scania, Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 304.50
 B- M8. Shaft 30.00 mm.
 B: 15.30 C: 182.00 mm



116063 Alternator 28 V, 140 Amp
 Replacing: 1277670
 Servicing: Mercedes-Benz, Drögmöller, Setra,
 Various Agriculture Vehicles
 Terminal W, Pulley w/o, B+ M8,
 Length 302.00
 B- M8. Shaft 30.00 mm. w/o bushing in
 rear brackethole.
 Alternative no.: 111833
 B: 15.70 C: 182.00 mm



116325 Alternator 14 V, 125 Amp
 Replacing: 1320024, 1320G028
 Servicing: Dacia, Nissan, Renault
 Pulley SP/FW, Grooves 8, Fan IF, B+ M8
 Alternative no.: 113862
 A: 34.00 B: 13.50 C: 60.00 mm

NEW PRODUCT
www.hc-cargo.com

116764* Alternator 28 V, 155 Amp
 Replacing: 1277330, 1277450, 1277490
 Pulley w/o



110074 Alternator 14 V, 60 Amp

Replacing: 2642121, 2875844, 3000010, 3000011

Servicing: Chrysler, Dodge, Plymouth
Pulley DP, Grooves 2, B+ 1/4" UNC,
Length 183.00

Regulator: HC-CARGO 130504.

A: 31.00 B: 12.80 C: 60.50 mm



110641 Alternator 14 V, 33 Amp

Replacing: 038520129A, 38520129A

Servicing: Deutz, Fendt, Case, Claas, GoldoniBosch, BPM, Deutz-Fahr, Fahr, Kramer, Lamborghini, Liebherr, Linde

Terminal W, Pulley P, Grooves 1, B+ M6, Length 162.00

A: 76.50 B: 56.00 mm

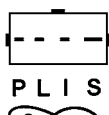


110890 Alternator 14 V, 55 Amp

Replacing: 038520131A, 38520131A

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Massey Ferguson, Same, Seat
Pulley P, Grooves 1, B+ M6, Length 169.00

A: 49.00 B: 17.00 C: 63.00 mm



110986 Alternator 14 V, 100/105 Amp

Replacing: 53002898

Servicing: Jeep, MG

Pulley SP, Grooves 6, B+ M6, Length 174.00

Replacing: CS130.

A: 73.00 B: 50.80 mm



111193 Alternator 14 V, 90 Amp

Replacing: 04557301, 05234026, 05234027, 05234028, 05234029, 05234031, 05234032, 5233416, 5233718, 5234026

Servicing: Chrysler, Jeep, Dodge, Plymouth

Pulley w/o, B+ M8, Length 179.00

Regulator: HC-CARGO 131280.

B: 12.65 C: 54.00 mm



111686 Alternator 14 V, 65 Amp

Replacing: 038522068A, 38522068A

Servicing: Alfa Romeo, Fiat, LanciaIveco, Lamborghini, Laverda

Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50

A: 49.50 B: 17.00 C: 64.50 mm



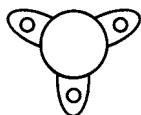
112097 Alternator 28 V, 30 Amp

Replacing: 038520135A, 38520135A

Servicing: Iveco, Allis Chalmers, Astra, Fahr, Fiat, Laverda

Pulley P, Grooves 1, B+ M6, Length 174.00

A: 45.00 B: 17.00 C: 63.00 mm



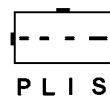
112159 Alternator 28 V, 80 Amp

Replacing: 04686018, 4686018

Servicing: Daf, Man, Mercedes-Benz, Renault V.I.

Terminal W, Pulley w/o, B+ M8, Length 186.00

B: 80.40 mm



112447 Alternator 14 V, 105 Amp

Replacing: 33002941, 4609003

Servicing: Dodge, Eagle

Pulley SP, Grooves 6, B+ M6, Length 172.00

Replacing: CS130.

A: 33.00 B: 12.90 C: 81.80 mm



112768 Alternator 14 V, 55 Amp

Replacing: 038520131B, 038522144F, 38520131B, 38522144F

Servicing: Alfa Romeo, Goldline, Fiat, Goldoni

Terminal W, Pulley P, Grooves 1, B+ M6, Length 172.00

A: 47.00 B: 15.00 C: 70.00 mm



113063 Alternator 14 V, 90 Amp

Replacing: 56005685, 56005685AB, 59005685

Servicing: Dodge, Jeep

Pulley SP, Grooves 6, B+ M6, Length 185.00

A: 34.00 B: 14.30 C: 54.00 mm



113071 Alternator 14 V, 136 Amp

Replacing: 56027913

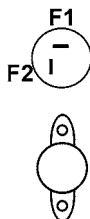
Servicing: Dodge, Jeep

Pulley SP, Grooves 7, Fan IF, B+ M6, Length 193.00

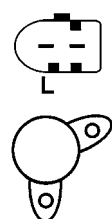
A: 34.50 B: 12.00 C: 54.00 mm



113187 Alternator 14 V, 85 Amp
 Replacing: 038522073A, 38522073A
 Servicing: Fiat, Lancia, Ferrari, Citroen
 Pulley w/o, B+ M6, Length 168.00
 B: 17.00 C: 70.10 mm



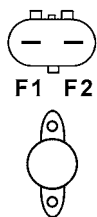
113235 Alternator 14 V, 130 Amp
 Replacing: 04727325, 38522264F, 4686099,
 4727221, 4727325, 4727325AA, 4727329,
 4727329A, 4727329AA, 5104775AA
 Servicing: Chrysler, Dodge
 Pulley SP, Grooves 6, B+ M6,
 Length 191.00
 A: 35.00 B: 12.00 C: 54.00 mm



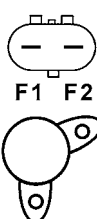
113280 Alternator 14 V, 90 Amp
 Replacing: C8520046A
 Servicing: Renault VI, Iveco, Renault V.I.
 Terminal W, Pulley SP, Grooves 6,
 B+ M8, Length 191.00
 A: 46.75 B: 13.70 C: 81.10 mm



113302 Alternator 14 V, 120 Amp
 Replacing: 05097755AA, 05097756AA,
 05135465AA, 05135465AB, 5097755AA,
 5097756AA, 5135465AA, 5135465AB
 Servicing: Mercedes-Benz, Chrysler
 Pulley SP, Grooves 6, B+ M8,
 Length 184.50
 A: 82.00 B: 56.00 mm



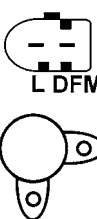
113358 Alternator 14 V, 117 Amp
 Replacing: 56005685AC, 56041822AA
 Servicing: Jeep, Dodge
 Pulley SP, Grooves 6, B+ M6,
 Length 187.00
 A: 33.20 B: 13.30 C: 54.00 mm



113607 Alternator 14 V, 136 Amp
 Replacing: 5170746AA, 56029700AA,
 56041120AB, 56041120AC, 56041693AA,
 56041693AB, 56041693AC
 Servicing: Jeep, Dodge
 Pulley SP, Grooves 6, B+ M8,
 Length 168.00
 A: 27.00 B: 12.00 C: 68.00 mm



113803 Alternator 14 V, 160 Amp
 Replacing: 04868430AB, 04868430AC,
 04868430AD, 04868430AE, 04868430AF,
 04868431AB, 04868431AC, 4868430AB
 Servicing: Chrysler, Dodge
 Pulley OAD, Grooves 6, B+ M8,
 Length 164.00
 A: 50.50 B: 30.00 mm



113884 Alternator 14 V, 150 Amp
 Replacing: 05033757AA, 05033757AB,
 5033757AA, 5033757AB
 Servicing: Ford, Seat, VW, Dodge, Jeep,
 Mitsubishi
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 201.50
 A: 39.00 B: 14.35 C: 59.00 mm



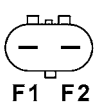
113889 Alternator 14 V, 90 Amp
 Replacing: 05134199AB, 5134199AB
 Servicing: Mercedes-Benz
 Terminal W, Pulley SP/FW, Grooves 6,
 Fan IF, B+ M8, Length 193.00
 A: 32.00 B: 70.00 C: 56.00 mm



114011 Alternator 14 V, 160 Amp
 Replacing: 04868429AB, 04868429AC,
 04868429AD, 4868429AB, 4868429AC,
 4868429AD
 Servicing: Chrysler
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 202.00
 A: 46.00 B: 14.00 C: 60.00 mm



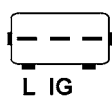
114042 ★ Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: 04801250AA, 04801250AB,
 04801250AC, 04801250AD
 Servicing: Jeep, Mercedes-Benz
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 187.00
 Can also be supplied w/ 1 plug (PLUG125).
 Alternative no.: 116113
 A: 31.00 B: 70.00 mm



114210 Alternator 14 V, 120 Amp
 Replacing: 05073920AA, 05073920AB,
 05073920AC, 5073920AA, 5073920AB, 5073920AC
 Servicing: Jeep
 Pulley SP/FW, Grooves 6, B+ M8
 A: 29.00 B: 70.00 C: 56.00 mm



114243 Alternator 14 V, 130 Amp
 Replacing: 38522276, 38522276F
 Servicing: Jeep
 Pulley SP, Grooves 8, B+ M6,
 Length 183.00
*Clutch pulley HC-CARGO 333670 can be
 fitted, if spacer is removed.*
 A: 28.00 B: 12.15 C: 68.00 mm



114300 Alternator 14 V, 120 Amp
 Replacing: 38522267F
 Servicing: Land Rover
 Pulley SP, Grooves 7, B+ M8,
 Length 236.00
 A: 143.00 B: 69.70 mm



114377 Alternator 14 V, 110 Amp
 Replacing: 56041578AD, 56041578AE
 Servicing: Jeep
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 180.00
 A: 28.00 B: 12.80 C: 68.00 mm



114454 5★ Alternator 14 V, 180 Amp
 Manufacturer: OE Branded
 Replacing: 68011841AB
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8,
 Length 194.00
 A: 32.00 B: 70.00 C: 56.00 mm



114511 Alternator 14 V, 120 Amp
 Replacing: 04606755AA, 04606755AC,
 04606755AD, 4606755AA, 4606755AB,
 4606755AC, 4606755AD
 Servicing: Chrysler, Dodge
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 158.00
 A: 22.50 B: 69.30 C: 86.00 mm



114663 Alternator 14 V, 150 Amp
 Replacing: 05080464AB, 05080464AC,
 05080464AD, 5080464AB, 5080464AC,
 5080464AD, RL073920AC, RL080464AD
 Servicing: Chrysler
 Pulley w/o, Grooves 6, B+ M8,
 Length 197.00 Freewheel Pulley: HC-
 CARGO 332302.
 A: 31.50 B: 70.00 C: 56.00 mm



114828 Alternator 14 V, 90 Amp
 Replacing: 38522237F, 38522255F, 4864441
 Servicing: Jeep
 Pulley SP, Grooves 8, B+ M6,
 Length 245.00
 A: 142.00 B: 70.00 mm



114832 Alternator 14 V, 180 Amp
 Replacing: 04896808AA, 04896808AB,
 04896808AC, 04996808AC
 Servicing: Beijing Benz (BBDC), Chrysler
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 200.00
 A: 31.00 B: 70.00 C: 56.00 mm



115318 5★ Alternator 14 V, 200 Amp
 Manufacturer: Bosch
 Replacing: 05117587AA, 05117587AB,
 5117587AA, 5117587AB
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6
 A: 32.00 mm



115527 Alternator 14 V, 150 Amp
 Replacing: 56044672AA, 56044672AB
 Servicing: Jeep
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 191.00
 A: 51.00 B: 30.00 mm



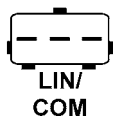
115545 Alternator 14 V, 200 Amp
 Replacing: 0504338098, 504338098
 Servicing: New Holland
 Terminal W, Pulley w/o, B+ M8,
 Length 230.00
 B: 14.00 C: 107.00 mm



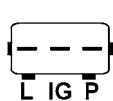
115679 Alternator 14 V, 130 Amp
 Replacing: 56029574AA, P56029574AA
 Servicing: Chrysler, Fiat
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 197.00
 A: 113.50 B: 61.50 C: 61.50 mm



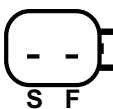
115701 Alternator 14 V, 220 Amp
Replacing: 04801338AB, 04801338AD, 4801338AB
Servicing: Dodge, Jeep
Pulley SP/FW, Grooves 6, B+ M8
A: 52.00 **B:** 70.00 **C:** 42.00 mm



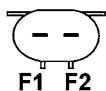
115749 Alternator 14 V, 220 Amp
Replacing: 04801835AB, 04801835AC, 4801835AB, K04801835AB, P04801835AB, P04801835AC
Servicing: Chrysler, Jeep, Lancia
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 170.00
A: 52.00 **B:** 70.00 **C:** 41.50 mm



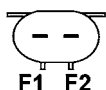
115752 Alternator 14 V, 90 Amp
Replacing: 38522262F
Servicing: Opel, Vauxhall
Pulley SP, Grooves 8, B+ M6, Length 234.00
A: 148.80 **B:** 69.80 mm



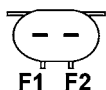
115925 Alternator 14 V, 115 Amp
Replacing: 04801323AB, 04801323AC, 04801323AD, 4801323AB, 4801323AC, 4801323AD
Servicing: Chrysler, Dodge, Jeep
Pulley SP/FW, Grooves 6, B+ M8, Length 198.00
A: 34.00 **B:** 12.70 **C:** 53.80 mm



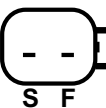
115934 Alternator 14 V, 160 Amp
Replacing: 4801252AA, 5170748AA, 56029914AA, R6029914AA
Servicing: Dodge, Jeep
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 162.00, Insulated return No
A: 26.50 **B:** 12.00 **C:** 68.00 mm



115935 Alternator 14 V, 130 Amp
Replacing: 56044530AA, 56044530AB, 56044530AC, 56044532AA, 56044532AB, 56044532AC, 56044532AD
Servicing: Jeep
Pulley SP/FW, Grooves 6, B+ M8, Length 185.00
A: 27.00 **B:** 12.00 **C:** 67.50 mm



116020 Alternator 14 V, 100 Amp
Replacing: 5033253AA
Servicing: Chrysler, Dodge
Pulley SP, Grooves 4, B+ M6, Length 172.00
A: 36.50 **B:** 12.00 **C:** 51.00 mm



116037 Alternator 14 V, 160 Amp
Replacing: 4801490AA
Servicing: Dodge
Pulley SP/FW, Grooves 6, B+ M8, Length 204.00
A: 34.20 **B:** 13.00 **C:** 55.00 mm



116038 Alternator 14 V, 180 Amp
Replacing: 04801715AA, 4801715AA
Servicing: Dodge, VW
Pulley SP/FW, Grooves 6, B+ M8, Length 193.00
A: 39.50 **B:** 14.20 **C:** 61.00 mm



116081 Alternator 14 V, 220 Amp
Replacing: 68011843AC
Servicing: Mercedes-Benz
Pulley SP, Grooves 6, B+ M8, Length 181.00
Regulator F00M346081 = HC-CARGO 235822.
A: 31.50 **B:** 70.00 **C:** 56.00 mm



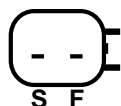
116113 Alternator 14 V, 180 Amp
Replacing: 04801250AA, 04801250AB, 04801250AC, 04801250AD, 4801250AA
Servicing: Jeep, Mercedes-Benz
Pulley SP/FW, Grooves 7, B+ M8, Length 187.00
Can also be supplied w/ 1 plug (PLUG125).
Alternative no.: 114042
A: 31.00 **B:** 70.00 mm



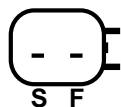
116141 Alternator 14 V, 210 Amp
Replacing: 04727866AB, 4727866AB
Servicing: Chrysler
Pulley SP/FW, Grooves 6, B+ M8, Length 176.00
A: 38.40 **B:** 70.00 **C:** 56.00 mm



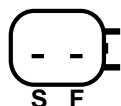
116499 Alternator 14 V, 100 Amp
 Replacing: 38522268, 38522268F
 Servicing: Jeep
 Pulley SP, Grooves 8, Fan IF, B+ M6,
 Length 255.00
 A: 147.50 B: 74.50 mm



116599 Alternator 14 V, 150 Amp
 Replacing: 68272108AB
 Servicing: Chrysler, Dodge, Lancia
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8
 A: 51.00 B: 63.00 C: 50.50 mm



116659 Alternator 14 V, 160 Amp
 Replacing: 56029914AD, 56029914AG,
 56029914AL
 Servicing: Dodge, Jeep
 Pulley SP, Grooves 6, B+ M8,
 Length 161.50
 A: 26.30 B: 12.00 C: 67.40 mm

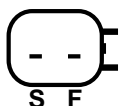


116662 Alternator 14 V, 160 Amp
 Replacing: 4801779AG
 Servicing: Chrysler, Dodge, Jeep
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 193.00
 A: 54.00 B: 57.50 C: 49.00 mm



NEW PRODUCT
www.hc-cargo.com

116666* Alternator 14 V, 160 Amp
 Replacing: 56029679AA, P56029679AA,
 RLX29679AA
 Servicing: Jeep
 Pulley SP/FW, Grooves 6
 mm



116669 Alternator 14 V, 180 Amp
 Replacing: 4801778AF, P04801778AF
 Servicing: Jeep
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 200.00
 A: 54.50 B: 60.50 C: 49.50 mm

NEW PRODUCT
www.hc-cargo.com

116698 Alternator 14 V, 85 Amp
 Replacing: 56028732AA
 Servicing: Mitsubishi
 Pulley SP, Grooves 5



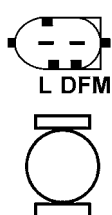
116715 Alternator 14 V, 160 Amp
 Replacing: 04727865AB, 04801304AA,
 04801304AC, 4727865AB, 4801304AA,
 4801304AC
 Servicing: Chrysler, Jeep, VW
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 157.00
 A: 32.00 B: 14.00 C: 60.00 mm



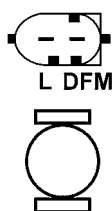
112165 Alternator 14 V, 75 Amp
 Replacing: 461
 Servicing: Renault
 Pulley SP, Grooves 4, B+ M8,
 Length 179.00
 A: 46.70 B: 27.00 C: 66.50 mm



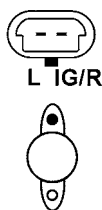
112229 Alternator 14 V, 70 Amp
 Replacing: 456
 Servicing: Opel, Vauxhall
 Pulley SP, Grooves 6, B+ M8,
 Length 183.00
 A: 51.00 B: 33.50 C: 57.50 mm



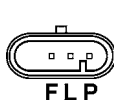
113771 Alternator 14 V, 190 Amp
 Replacing: 10480403, 10480407
 Servicing: Mercedes, Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 196.00
 Water cooled.
 A: 33.00 B: 93.45 C: 56.75 mm



113772 Alternator 14 V, 190 Amp
 Replacing: 10480404, 10480408
 Servicing: Mercedes, Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 195.00
 Water cooled.
 A: 31.00 B: 93.50 C: 56.00 mm



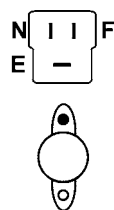
114114 Alternator 14 V, 65 Amp
 Replacing: 219170, 219235, 96380673
 Servicing: Chevrolet, Daewoo
 Pulley P, Grooves 1, Fan IF, B+ M6,
 Length 166.50
 A: 42.00 B: 14.35 C: 66.00 mm



115380 Alternator 14 V, 120 Amp
 Replacing: 96627029, 96627029KJ
 Servicing: Chevrolet, Opel
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 190.00
 A: 61.00 B: 32.00 C: 57.50 mm



116302 Alternator 14 V, 65 Amp
 Replacing: 219292
 Servicing: Chevrolet
 Pulley SP, Grooves 3, B+ M6,
 Length 164.00
 A: 40.30 B: 14.30 C: 66.00 mm

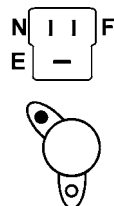

110137 Alternator 14 V, 30 Amp

Replacing: 021000-0081, 021000-0124, 021000-0160, 021000-0249, 021000-0250, 021000-0296, 021000-0350

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Komatsu

Pulley P, Grooves 1, B+ M6, Length 147.00
Regulator: HC-CARGO 130627.

A: 43.00 B: 13.00 C: 67.00 mm

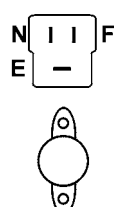

110138 Alternator 14 V, 40 Amp

Replacing: 021000-0041, 021000-0046, 021000-0047, 021000-0064, 021000-0132, 021000-0133, 021000-0134

Servicing: Daihatsu, Toyota, Honda, Mitsubishi

Pulley P, Grooves 1, B+ M6, Length 162.00

A: 42.50 B: 11.00 C: 75.75 mm

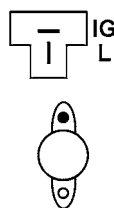

110258 Alternator 14 V, 35 Amp

Replacing: 021000-2840, 021000-3520, 021000-4550, 021000-5670, 021000-6370, 021000-6840, 021000-6900

Servicing: Toyota, Daihatsu, Suzuki

Pulley P, Grooves 1, B+ M6, Length 147.00
Regulator: HC-CARGO 130627.

A: 43.00 B: 12.70 C: 69.00 mm

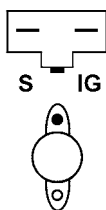

110374 Alternator 14 V, 45 Amp

Replacing: 021000-9510, 100211-1400, 100211-1401, 100211-1402, 100211-4080, 100211-4120, 100211-4180

Servicing: Daihatsu

Pulley P, Grooves 1, B+ M5, Length 169.00

A: 43.50 B: 19.00 mm

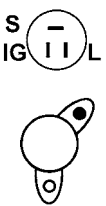

110445 Alternator 14 V, 90 Amp

Replacing: 021000-7410, 021000-7420, 100211-0070, 100211-0071, 100211-0080, 100211-0081, 100211-0280

Servicing: John Deere

Pulley w/o, B+ M6, Length 167.00

B: 51.00 mm

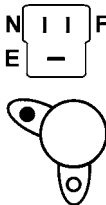

110496 Alternator 14 V, 60 Amp

Replacing: 100211-1040, 100211-1041, 100211-1320, 100211-1321, 100211-1340, 100211-1341, 100211-2211

Servicing: Toyota

Pulley SP, Grooves 5, B+ M6, Length 153.50

A: 90.00 B: 58.00 mm


110563 Alternator 28 V, 15 Amp

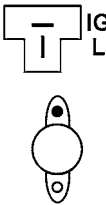
Replacing: 021000-4271, 021000-4510

Servicing: Toyota

Pulley P, Grooves 1, B+ M6, Length 161.25

Regulator: HC-CARGO 132628.

A: 48.15 B: 12.25 C: 76.00 mm

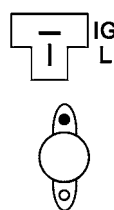

110564 Alternator 14 V, 40 Amp

Replacing: 100211-4000, 100211-4001, 100211-4002, 100211-4003, 100211-4004

Servicing: Komatsu

Pulley P, Grooves 1, B+ M6, Length 150.50

A: 48.55 B: 20.00 C: 67.00 mm


110620 Alternator 14 V, 35 Amp

Replacing: 100211-1660, 100211-1661, 100211-1662, 100211-4530, 100211-4531, 100211-4700, 100211-4701

Servicing: Kubota, Various Agriculture Vehicles, Yanmar

Pulley P, Grooves 1, B+ M6, Length 143.00

A: 44.00 B: 23.50 mm

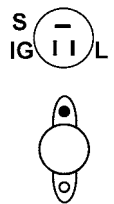

110628 Alternator 14 V, 45 Amp

Replacing: 100211-1280, 100211-1440, 100211-1441, 100211-1560, 100211-1561, 100211-1600, 100211-1601

Servicing: Toyota

Pulley SP, Grooves 4, B+ M6, Length 147.00

A: 90.00 B: 58.10 mm

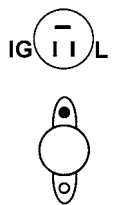

110629 Alternator 14 V, 35 Amp

Replacing: 100211-4540

Servicing: Toyota

Pulley P, Grooves 1, B+ M6, Length 143.25

A: 44.00 B: 24.10 mm

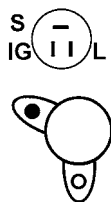

110679 Alternator 14 V, 60 Amp

Replacing: 100211-1330, 100211-1331, 100211-2221, 100211-2230, 100211-2231, 100211-2290, 100211-2291

Servicing: Isuzu, Opel

Pulley SP, Grooves 4, B+ M6, Length 166.50

A: 92.25 B: 58.00 mm



110682 Alternator 14 V, 70 Amp

Replacng: 100211-3350, 100211-3351, 100211-3352, 100211-7000, 100211-7001, 100211-7050, 100211-7051

Servicing: Toyota, GEO

Pulley SP, Grooves 5, B+ M6, Length 160.00

A: 87.50 B: 58.00 mm



110801 Alternator 28 V, 45 Amp

Replacng: 100211-0860

Servicing: Fiat-Allis, International, Cummins, Caterpillar, Atlas Copco, CaseAtlas Copco

Terminal W, Pulley w/o, B+ 1/4" UNF, Length 270.00

B: 14.80 C: 100.00 mm



110882 Alternator 14 V, 45 Amp

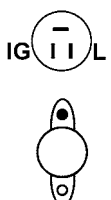
Replacng: 021000-0320

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Seat, Same, Case IH, Lancia, Lister-Petter, New Holland, Terex, Turk Traktor

Pulley P, Grooves 1, B+ M6, Length 181.50

Connection 67 = D+ terminal.

A: 47.00 B: 16.25 C: 63.00 mm



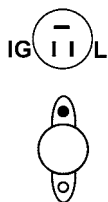
110965 Alternator 14 V, 50 Amp

Replacng: 100211-1410, 100211-1411, 100211-1550, 100211-1551, 100211-4070, 100211-4071, 100211-6270

Servicing: Suzuki, Chevrolet, Pontiac

Pulley P, Grooves 1, B+ M6, Length 156.25

A: 42.15 B: 20.00 C: 66.88 mm



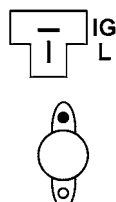
110967 Alternator 14 V, 50 Amp

Replacng: 100211-1570, 100211-1571, 100211-1573, 100211-2120, 100211-6600, 100211-6710, 100211-672

Servicing: Suzuki, Chevrolet, GEO, Pontiac, Subaru

Pulley SP, Grooves 4, B+ M6, Length 156.65

A: 37.30 B: 19.90 C: 67.00 mm



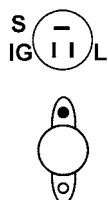
111017 Alternator 14 V, 50 Amp

Replacng: 100211-4200, 100211-4201, 100211-4210

Servicing: Toyota

Pulley P, Grooves 1, B+ M6, Length 160.50

A: 45.00 B: 20.00 C: 67.30 mm



111018 Alternator 14 V, 50 Amp

Replacng: 100211-6930, 100211-6931, 100211-6960, 100211-6961, 100211-6970, 100211-6971

Servicing: Toyota

Pulley P, Grooves 1, Fan IF, B+ M6, Length 156.50

A: 44.00 B: 20.00 C: 67.00 mm



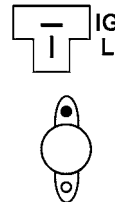
111042 Alternator 14 V, 35 Amp

Replacng: 021000-6980

Servicing: Iseki, Mitsubishi

Pulley P, Grooves 1, B+ M5, Length 162.00

A: 42.00 B: 13.00 C: 65.00 mm



111048 Alternator 14 V, 40 Amp

Replacng: 100211-1610, 100211-1611, 100211-1630, 100211-1632, 100211-1640, 100211-1650, 100211-1680

Servicing: Daihatsu, Paggio, IsekiBobcat, Bomag, Daihatsu, Ingersoll-Rand, JCB, John Deere, Kubota, Piaggio, Terex, Volvo Penta

Pulley P, Grooves 1, B+ M6, Length 143.00

A: 43.00 B: 24.00 mm



111193 Alternator 14 V, 90 Amp

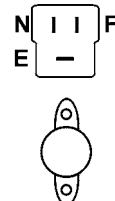
Replacng: 121000-3340, 121000-3380, 121000-3381, 121000-3410, 121000-3420, 121000-3440, 121000-3442

Servicing: Chrysler, Jeep, Dodge, Plymouth

Pulley w/o, B+ M8, Length 179.00

Regulator: HC-CARGO 131280.

B: 12.65 C: 54.00 mm



111195 Alternator 14 V, 35 Amp

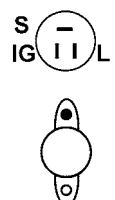
Replacng: 121000-0600, 121000-0980

Servicing: Kubota

Pulley P, Grooves 1, B+ M6, Length 158.00

Regulator: HC-CARGO 130627.

A: 43.45 B: 13.00 C: 67.40 mm



111215 Alternator 14 V, 120 Amp

Replacng: 100211-6030, 100211-6031, 100211-6050, 100211-6051

Servicing: John Deere lawn equipment w/ cooling eng

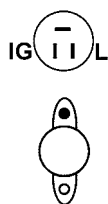
Pulley DP, Grooves 2, B+ M8, Length 175.00

A: 92.00 B: 58.00 mm

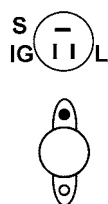
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

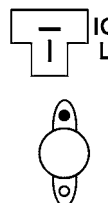
*Available while stock last, * Program development.



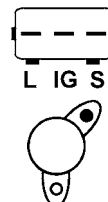
111279 Alternator 14 V, 50 Amp
 Replacing: 100211-3800, 100211-3810
 Servicing: Suzuki, Chevrolet, GEO, Pontiac
 Pulley SP, Grooves 4, B+ M6,
 Length 160.00
 A: 37.50 B: 14.00 C: 66.00 mm



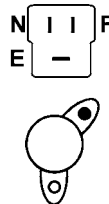
111428 Alternator 14 V, 60 Amp
 Replacing: 100211-1030, 100211-1031,
 100211-1090, 100211-1091, 100211-1150,
 100211-1500, 100211-2000
 Servicing: Toyota, Daihatsu
 Pulley SP, Grooves 5, B+ M6,
 Length 155.00
 A: 90.00 B: 58.50 mm



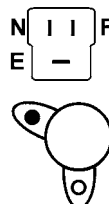
111437 Alternator 14 V, 45 Amp
 Replacing: 100211-3370, 100211-5730,
 100211-6660, 100211-6730, 101211-3370,
 101211-3770
 Servicing: Daihatsu, Piaggio
 Pulley P, Grooves 1, B+ M6,
 Length 165.50
 A: 95.75 B: 58.00 mm



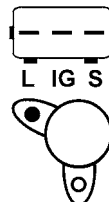
111468 Alternator 14 V, 80 Amp
 Replacing: 101211-5010, 101211-5012,
 101211-5230, 101211-5540, 101211-9050,
 101211-9510, 101211-9580
 Servicing: Toyota, Kia
 Pulley SP, Grooves 5, B+ M6,
 Length 162.50
 A: 90.00 B: 58.00 mm



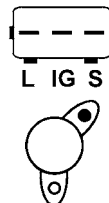
111483 Alternator 14 V, 55 Amp
 Replacing: 100210-3270, 100210-3350,
 100210-3360, 100210-3400, 100210-3460,
 100210-3580, 100210-3660
 Servicing: VW, Toyota
 Pulley DP, Grooves 2, B+ M6,
 Length 280.00
 Regulator: HC-CARGO 132627.
 A: 52.00 B: 13.50 C: 97.00 mm



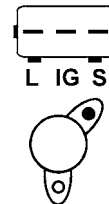
111484 Alternator 28 V, 50 Amp
 Replacing: 021000-9980, 100210-2290
 Servicing: Toyota
 Pulley P, Grooves 1, B+ M6,
 Length 276.00
 Regulator: HC-CARGO 135376.
 A: 63.00 B: 14.20 C: 97.00 mm



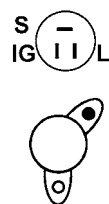
111507 Alternator 14 V, 80 Amp
 Replacing: 101211-5100, 101211-5120
 Servicing: Toyota
 Pulley P, Grooves 1, B+ M6
 A: 96.00 B: 53.00 mm



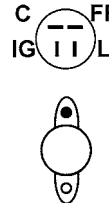
111517 Alternator 14 V, 70 Amp
 Replacing: 101211-0070, 101211-0071,
 101211-0072, 101211-0100, 101211-0170,
 101211-0171, 101211-0172
 Servicing: Toyota, Kia
 Pulley SP, Grooves 5, B+ M6,
 Length 163.25
 A: 89.70 B: 58.00 mm



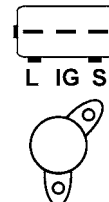
111518 Alternator 14 V, 70 Amp
 Replacing: 101211-0050, 101211-0051,
 101211-0052, 101211-0340, 101211-0341,
 101211-0342, 101211-0430
 Servicing: Toyota
 Pulley SP, Grooves 4, B+ M6,
 Length 154.75
 A: 89.00 B: 58.00 mm



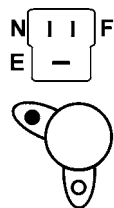
111538 Alternator 14 V, 80 Amp
 Replacing: 100211-7820, 100211-8060,
 100211-8380, 100211-8381, 100211-8440
 Servicing: Toyota
 Pulley SP, Grooves 4, B+ M6,
 Length 161.00
 A: 90.50 B: 58.00 mm



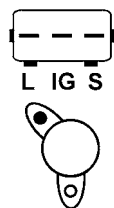
111578 Alternator 14 V, 60 Amp
 Replacing: 100211-3590, 100211-3591,
 100211-3600, 100211-3660, 100211-3661,
 100211-3870, 100211-3880
 Servicing: Rover, Honda
 Pulley SP, Grooves 3, B+ M6,
 Length 153.00
 A: 89.50 B: 58.25 mm



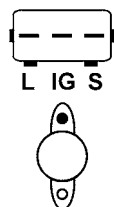
111579 Alternator 14 V, 70 Amp
 Replacing: 100211-5020, 100211-5021,
 100211-8991, 101211-0060, 101211-0061,
 101211-0062, 101211-0120
 Servicing: Toyota, GEO
 Pulley SP, Grooves 5, Fan IF, B+ M6,
 Length 164.00
 A: 53.00 B: 28.00 C: 44.00 mm



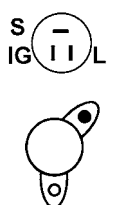
111596 Alternator 28 V, 50 Amp
 Replacing: 100210-2302, 100210-2980, 121000-0041, 121000-1770
 Servicing: Toyota
 Pulley P, Grooves 1, B+ M6,
 Length 277.00
 Regulator: HC-CARGO 132628.
 A: 65.00 B: 14.00 C: 106.00 mm



111598 Alternator 14 V, 80 Amp
 Replacing: 101211-5130, 101211-5170
 Servicing: Toyota
 Pulley P, Grooves 1, B+ M6,
 Length 162.00
 A: 96.00 B: 53.00 mm



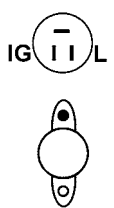
111601 Alternator 14 V, 70 Amp
 Replacing: 100211-5250, 100211-5251, 100211-5252, 100213-1900, 100213-1910, 100213-1911
 Servicing: Toyota
 Pulley DP, Grooves 2, B+ M6,
 Length 226.00
 A: 146.50 B: 70.00 mm



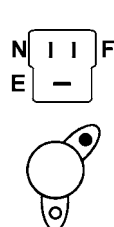
111605 Alternator 14 V, 70 Amp
 Replacing: 100211-5090, 100213-0941, 100213-1011, 100213-1030, 100213-1040, 100213-1050, 100213-1130
 Servicing: Toyota
 Pulley DP, Grooves 2, B+ M6,
 Length 231.00
 A: 146.50 B: 69.50 mm



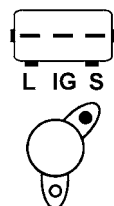
111609 Alternator 14 V, 70 Amp
 Replacing: 100211-3310, 100211-3311, 100211-7770, 100211-7810, 100211-7811, 100211-9980, 101211-0030
 Servicing: Honda
 Pulley SP, Grooves 5, B+ M6,
 Length 166.00
 A: 91.00 B: 56.50 mm



111610 Alternator 14 V, 45 Amp
 Replacing: 100211-6990, 100211-9310, 101211-2100, 101211-3200
 Servicing: Daihatsu
 Pulley SP, Grooves 4, B+ M6,
 Length 143.00
 A: 89.00 B: 58.00 mm



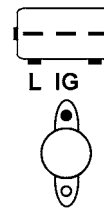
111613 Alternator 28 V, 50 Amp
 Replacing: 021000-9850, 021000-9851, 021000-9930, 021000-9931, 100210-2210, 100210-2211, 100210-2250
 Servicing: Toyota
 Pulley P, Grooves 1, B+ M6,
 Length 274.00
 Regulator: HC-CARGO 135376.
 A: 63.50 B: 13.00 C: 96.50 mm



111678 Alternator 14 V, 60 Amp
 Replacing: 101211-3030
 Servicing: Toyota
 Pulley SP, Grooves 4, B+ M6,
 Length 145.00
 A: 90.00 B: 58.30 mm



111705 Alternator 14 V, 70 Amp
 Replacing: 100211-1000, 100211-1001, 100211-1008, 100211-1010, 100211-1011, 100211-1170, 100211-1171
 Servicing: Toyota
 Pulley SP, Grooves 5, B+ M6,
 Length 158.50
 A: 90.00 B: 58.00 mm



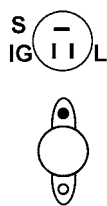
111779 Alternator 14 V, 70 Amp
 Replacing: 101211-0550, 101211-0551, 101211-0720, 101211-0721, 101211-0722, 101211-0723, 102211-2190
 Servicing: Suzuki
 Pulley SP, Grooves 4, Fan IF, B+ M6,
 Length 159.50
 A: 90.50 B: 58.00 mm



111781 Alternator 14 V, 80 Amp
 Replacing: 100211-8410
 Servicing: Toyota
 Pulley DP, Grooves 2, B+ M6,
 Length 167.00
 A: 92.00 B: 58.10 mm



111795 Alternator 14 V, 80 Amp
 Replacing: 100211-8040, 102211-8041
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M6,
 Length 164.00
 A: 12.50 B: 72.00 C: 53.00 mm



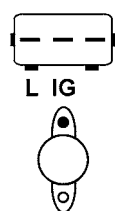
111830 Alternator 14 V, 140 Amp

Replacing: 100211-6420

Servicing: John Deere lawn equipment w/ cooling eng

Pulley SP, Grooves 8, B+ M8, Length 178.00

A: 90.50 B: 58.00 mm



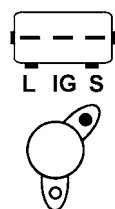
111950 Alternator 14 V, 85 Amp

Replacing: 101211-9180, 102211-1430, 102211-2430, 104210-8140

Servicing: Suzuki

Pulley SP, Grooves 4, B+ M6, Length 160.00

A: 90.00 B: 58.00 mm



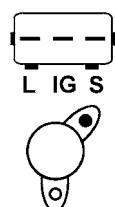
111960 Alternator 14 V, 80 Amp

Replacing: 100213-1920, 100213-2280, 100213-2440, 100213-2450, 100213-2460, 100213-2520, 100213-2660

Servicing: Toyota

Pulley DP, Grooves 2, B+ M6, Length 229.00

A: 147.00 B: 71.00 mm



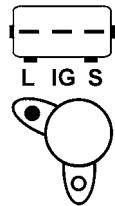
111963 Alternator 14 V, 70 Amp

Replacing: 100213-1730, 100213-1770, 100213-2240, 100213-2241, 100213-2250, 100213-2350, 100213-2351

Servicing: Toyota

Pulley DP, Grooves 2, B+ M6, Length 230.00

A: 146.50 B: 70.25 mm



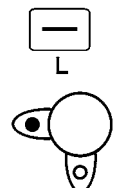
112063 Alternator 14 V, 70 Amp

Replacing: 101211-0480, 101211-0481, 101211-0570, 101211-0571, 101211-0970, 101211-0971, 101211-0972

Servicing: Toyota

Pulley DP, Grooves 2, B+ M6, Length 168.00

A: 94.00 B: 58.10 mm



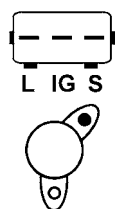
112072 Alternator 14 V, 120 Amp

Replacing: 102211-0500

Servicing: Volvo

Pulley SP/FW, Grooves 6, B+ M8, Length 194.00

A: 44.50 B: 20.20 C: 82.00 mm



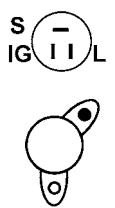
112101 Alternator 14 V, 80 Amp

Replacing: 101211-5460

Servicing: Toyota

Pulley SP, Grooves 4, B+ M6, Length 179.00

A: 90.50 B: 58.10 mm



112102 Alternator 14 V, 90 Amp

Replacing: 100211-6110, 100211-6360

Servicing: Toyota

Pulley SP, Grooves 4, B+ M8, Length 167.00

A: 90.00 B: 58.10 mm



112142 Alternator 14 V, 90 Amp

Replacing: 102211-8060, 102211-8061, 102211-8070, 102211-8071, 102211-8080, 102211-8081

Servicing: Ford

Pulley w/o, B+ M6, Length 168.00

B: 14.00 C: 63.20 mm



112143 Alternator 14 V, 80 Amp

Replacing: 102211-8030, 102211-8031

Servicing: Ford, Lister

Pulley SP, Grooves 6, B+ M6, Length 166.00

A: 34.00 B: 13.80 C: 62.40 mm



112261 Alternator 28 V, 60 Amp

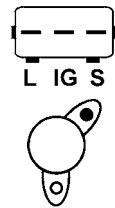
Replacing: 100211-0890

Servicing: Caterpillar

Pulley w/o, B+ 1/4" UNF, Length 268.00, Insulated return Yes

Replacing: 30SI. Shaft 22.20mm diameter

B: 14.00 C: 101.00 mm



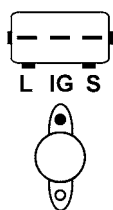
112356 Alternator 14 V, 80 Amp

Replacing: 101211-5260, 101211-5261, 101211-5330, 102211-1360, 102211-1361, 102211-1362

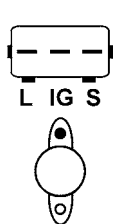
Servicing: Toyota

Pulley DP, Grooves 2, Fan IF, B+ M6, Length 167.00

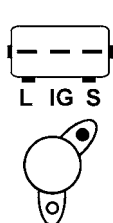
A: 93.00 B: 58.10 mm



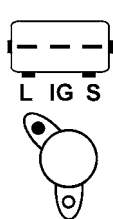
112357 Alternator 14 V, 70 Amp
Replacing: 101211-0520, 101211-0521, 101211-0522, 102211-5050, 102211-5051, 102211-5052
Servicing: Toyota
Pulley SP, Grooves 5, B+ M6, Length 167.00
A: 90.00 B: 58.00 mm



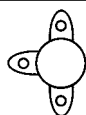
112358 Alternator 14 V, 55 Amp
Replacing: 101211-0540, 101211-0541, 101211-0542, 101211-0543, 101211-4370, 102211-5190, 102211-5200
Servicing: Toyota
Pulley SP, Grooves 5, B+ M6, Length 157.00 Denso 102211-5850, 102211-5190 change pulley
A: 89.50 B: 58.00 mm



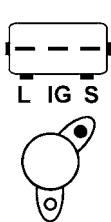
112360 Alternator 14 V, 60 Amp
Replacing: 101211-0270, 101211-0271, 101211-0272, 102211-5110, 102211-5111
Servicing: Toyota
Pulley DP, Grooves 2, B+ M6, Length 164.50
A: 93.50 B: 58.30 mm



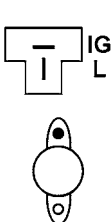
112363 Alternator 14 V, 80 Amp
Replacing: 101211-9360, 101211-9520
Servicing: Toyota
Pulley P, Grooves 1, B+ M6, Length 162.00 B belt.
A: 96.00 B: 53.10 mm



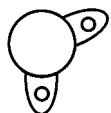
112557 Alternator 14 V, 120 Amp
Replacing: 100211-8960, 101211-5570, 101211-5571, 101211-9000
Servicing: Volvo, Renault
Pulley SP, Grooves 6, B+ M8, Length 180.00
A: 47.80 B: 21.00 C: 55.50 mm



112669 Alternator 14 V, 80 Amp
Replacing: 101211-5300
Servicing: Yanmar
Pulley DP, Grooves 2, B+ M6, Length 167.00
A: 92.00 B: 58.30 mm



112721 Alternator 14 V, 55 Amp
Replacing: 101211-2850, 101211-8770, 101211-8771
Servicing: Kubota, Fiat
Pulley P, Grooves 1, B+ M6, Length 143.00
A: 44.50 B: 23.50 mm



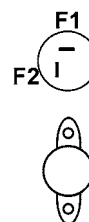
112746 Alternator 14 V, 80 Amp
Replacing: 100211-8370, 100211-8371
Servicing: Volvo
Pulley DP, Grooves 2, B+ M6, Length 163.00
A: 93.00 B: 71.00 mm



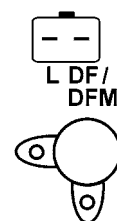
113063 Alternator 14 V, 90 Amp
Replacing: 121000-3450, 121000-3452
Servicing: Dodge, Jeep
Pulley SP, Grooves 6, B+ M6, Length 185.00
A: 34.00 B: 14.30 C: 54.00 mm



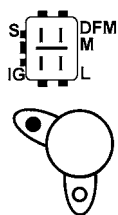
113071 Alternator 14 V, 136 Amp
Replacing: 121000-417, 121000-4170, 121000-4171
Servicing: Dodge, Jeep
Pulley SP, Grooves 7, Fan IF, B+ M6, Length 193.00
A: 34.50 B: 12.00 C: 54.00 mm



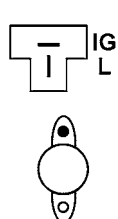
113235 Alternator 14 V, 130 Amp
Replacing: 121000-4160, 121000-4161, 121000-4320, 121000-4330, 121000-4331, 121000-4332
Servicing: Chrysler, Dodge
Pulley SP, Grooves 6, B+ M6, Length 191.00
A: 35.00 B: 12.00 C: 54.00 mm



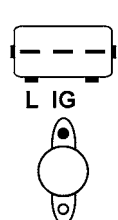
113246 Alternator 14 V, 90 Amp
Replacing: 102211-8410, 102211-8570, 102211-8571
Servicing: Citroen, Peugeot
Pulley SP, Grooves 6, B+ M8, Length 179.00
A: 42.50 B: 22.00 C: 45.40 mm



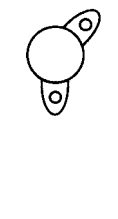
113296 Alternator 14 V, 80 Amp
 Replacing: 102211-8490
 Servicing: Toyota
 Pulley SP, Grooves 6, B+ M6,
 Length 169.00
 A: 33.45 B: 17.85 C: 40.00 mm



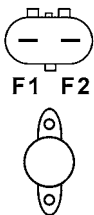
113306 Alternator 14 V, 60 Amp
 Replacing: 101211-2730, 101211-2731,
 101211-2750, 101211-2751
 Servicing: Daihatsu
 Pulley SP, Grooves 4, B+ M6,
 Length 145.00
 A: 48.00 B: 29.20 mm



113322 Alternator 14 V, 60 Amp
 Replacing: 102211-5011, 102211-5012,
 102211-5230, 102211-5231
 Servicing: Mercedes-Benz, Suzuki
 Pulley SP, Grooves 4, B+ M6,
 Length 157.50
 A: 89.85 B: 58.00 mm



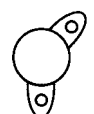
113336 Alternator 14 V, 120 Amp
 Replacing: 101210-1870
 Servicing: Alfa Romeo, Fiat, Lancia
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 204.00
 A: 44.00 B: 22.60 C: 54.80 mm



113358 Alternator 14 V, 117 Amp
 Replacing: 121000-3620, 121000-3670,
 121000-3671
 Servicing: Jeep, Dodge
 Pulley SP, Grooves 6, B+ M6,
 Length 187.00
 A: 33.20 B: 13.30 C: 54.00 mm



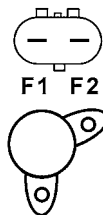
113535 Alternator 14 V, 85 Amp
 Replacing: 102211-8450, 102211-8451,
 102211-8470, 102211-8471
 Servicing: Fiat, Lancia, Ford
 Pulley SP, Grooves 5, Fan IF, B+ M8,
 Length 184.50
 A: 16.30 B: 24.20 C: 51.00 mm



113536 Alternator 14 V, 90 Amp
 Replacing: 101210-1530
 Servicing: Alfa Romeo, Lancia
 Pulley SP, Grooves 6, B+ M8,
 Length 197.00
 A: 44.50 B: 16.90 C: 54.30 mm



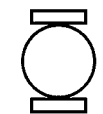
113575 Alternator 14 V, 80 Amp
 Replacing: 102211-8400
 Servicing: Peugeot, Citroen, Fiat
 Pulley SP, Grooves 6, B+ M8,
 Length 162.00
 A: 42.00 B: 22.00 C: 45.00 mm



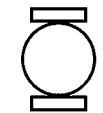
113607 Alternator 14 V, 136 Amp
 Replacing: 121000-4410, 121000-4440,
 121000-4540, 421000-0100
 Servicing: Jeep, Dodge
 Pulley SP, Grooves 6, B+ M8, Length 168.00
 A: 27.00 B: 12.00 C: 68.00 mm




113715 Alternator 14 V, 80 Amp
 Replacing: 100211-9940, 100211-9941,
 101211-9940
 Servicing: Yanmar Marine
 Terminal W, Pulley DP, Grooves 2,
 B+ M6, Length 167.00
 A: 92.00 B: 57.50 mm



113718 Alternator 14 V, 70 Amp
 Replacing: 102211-8230, 102211-8430,
 102211-8431, 102211-8440, 102211-8441
 Servicing: Fiat, Lancia, Citroen, Renault
 Pulley SP, Grooves 5, B+ M8, Length 184.60
 A: 16.50 B: 23.50 C: 50.00 mm



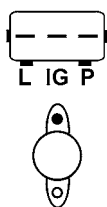
113720  Alternator 14 V, 75 Amp
 Manufacturer: Valeo
 Replacing: 101210-1110, 101210-1111,
 101210-1180, 101210-1181, 102211-8610,
 102211-8611, 102211-8612
 Servicing: Fiat, Opel, Suzuki, Vauxhall,
 Lancia
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 184.00
 Alternative no.: 116064
 A: 41.50 B: 64.00 C: 55.00 mm



113721 5★ Alternator 14 V, 75 Amp
Manufacturer: Valeo
Replacing: 101210-1210, 101210-1211, 101211-1211
Servicing: Fiat, Lancia
Pulley SP, Grooves 6, B+ M8, Length 174.00
Alternative no.: 116330
A: 41.00 **B:** 64.40 **C:** 55.00 mm



113722 5★ Alternator 14 V, 90 Amp
Manufacturer: Valeo
Replacing: 101210-1120, 101210-1121, 101210-1190, 101210-1191
Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall, Alfa Romeo
Pulley SP/FW, Grooves 6, B+ M8, Length 187.00
Alternative no.: 115963
A: 40.20 **B:** 64.15 **C:** 56.00 mm



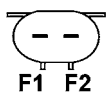
113742 Alternator 14 V, 40 Amp
Replacing: 101211-1170, 101211-1380, 102211-0010, 102211-0011
Servicing: John Deere, Yanmar, Carraro, Caterpillar, Doosan, Gehl, Hako, Hitachi, Kobelco, Komatsu, Landini, Manitou, McCormick
Pulley P, Grooves 1, B+ M6, Length 143.00
A: 43.00 **B:** 21.00 mm



113755 Alternator 14 V, 150 Amp
Replacing: 104210-3170, 104210-3171, 104210-3240, 104210-3241, 104210-4270
Servicing: Citroen, Peugeot, Fiat, Lancia, Suzuki, Toyota
Pulley SP, Grooves 6, B+ M8, Length 175.00
A: 43.00 **B:** 21.00 **C:** 45.10 mm



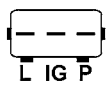
113763 Alternator 14 V, 85 Amp
Replacing: 102211-8160, 102211-8161, 102211-8170, 102211-8171, 102211-8180, 102211-8181
Servicing: Bomag, Caterpillar, Daedong, Hidromek, JCB, Land Rover, Landini, Manitou, Massey Ferguson
Terminal W, Pulley w/o, B+ M6
C: 82.00 mm



113803 Alternator 14 V, 160 Amp
Replacing: 421000-0011, 421000-0012, 421000-0021, 421000-0022, 421000-0023, 421000-0024, 421000-0025
Servicing: Chrysler, Dodge
Pulley OAD, Grooves 6, B+ M8, Length 164.00
A: 50.50 **B:** 30.00 mm



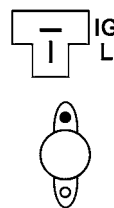
113849 5★ Alternator 14 V, 150 Amp
Manufacturer: Denso
Replacing: 104210-2710, 104210-3520, 104210-3521, 104210-3522, 104210-3523, 104210-3524, 104210-5710
Servicing: Ford, Mazda, Volvo
Pulley SP/FW, Grooves 6, B+ M8, Length 164.50
Alternative no.: 116294
A: 42.50 **B:** 21.00 **C:** 45.00 mm



113856 Alternator 14 V, 40 Amp
Replacing: 100211-4730, 100211-4731, 100211-4732, 100211-4733
Servicing: KubotaBobcat, Carrier Transcold, Case, Cummins, Ferrari, Hitachi, Manitou, New Holland, Steiner, TCM
Pulley w/o, B+ M6, Length 143.50
B: 24.20 mm



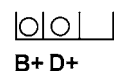
113904 Alternator 14 V, 130 Amp
Replacing: 102211-8660, 102211-8661, 102211-8662
Servicing: Opel, Saab, Vauxhall
Terminal DF, Pulley SP/FW, Grooves 6, B+ M8, Length 215.00
A: 113.00 **B:** 61.00 mm



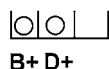
113921 Alternator 14 V, 40 Amp
Replacing: 100211-1670, 100211-4520, 100211-4610, 100211-4650, 100211-4740, 100211-4770, 100211-4771
Servicing: Atlas Copco, Bobcat, Bomag, Caterpillar, Daihatsu, Hako, Hitachi, Hyundai, Ingersoll-Rand, Iseki
Pulley P, Grooves 1, B+ M6, Length 159.00
A: 43.50 **B:** 24.00 mm



113922 Alternator 14 V, 120 Amp
Replacing: 104210-3510, 104210-3511, 104210-3512, 104210-3513, 104210-3514, 104210-5700
Servicing: Ford, Mazda, Volvo
Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
A: 43.00 **B:** 22.00 **C:** 45.00 mm



113943 Alternator 14 V, 100 Amp
Replacing: 101210-1510
Servicing: Alfa Romeo, Fiat, Lancia
Pulley SP/FW, Grooves 6, Fan IF, B+ M8
A: 44.00 **B:** 22.20 **C:** 54.75 mm



113955 Alternator 14 V, 105 Amp

Replacing: 102211-8640, 102211-8641, 102211-8642

Servicing: Alfa Romeo, Fiat, Opel, Vauxhall

Pulley SP/FW, Grooves 6, B+ M8, Length 191.00

A: 112.50 B: 61.00 mm



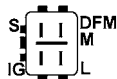
113967 Alternator 14 V, 120 Amp

Replacing: 102211-8130, 102211-8131

Servicing: Caterpillar, Manitou, Mitsubishi, Perkins

Terminal W, Pulley w/o, B+ M6, Length 182.00

B: 13.00 C: 83.00 mm



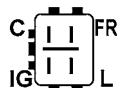
113969 Alternator 14 V, 100 Amp

Replacing: 104210-3410, 104210-3411, 104210-5440, 104210-5441, 104210-5442

Servicing: Toyota

Pulley SP/FW, Grooves 7, Fan IF, B+ M6

A: 95.00 B: 58.00 mm



113970 Alternator 14 V, 100 Amp

Replacing: 104210-3730, 104210-3731, 104210-3732

Servicing: Mini

Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 181.00

A: 31.40 B: 16.30 C: 41.70 mm



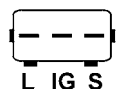
113972 Alternator 14 V, 100 Amp

Replacing: 104210-4100, 104210-4101, 104210-4102, 104210-5150, 104210-5151, 104210-5591

Servicing: Lancia, Toyota

Pulley SP/FW, Grooves 6, Fan IF, B+ M6, Length 165.00

A: 31.00 B: 16.00 C: 39.00 mm



113975 Alternator 14 V, 150 Amp

Replacing: 104210-3920, 104210-3921

Servicing: John Deere

Pulley SP, Grooves 8, B+ M6

B: 58.00 C: 0.00 mm



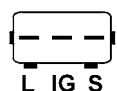
113978 Alternator 14 V, 120 Amp

Replacing: 104210-3760, 104210-3761, 104210-3762, 104210-5790

Servicing: Ford, Volvo

Pulley SP/FW, Grooves 6, Fan IF, B+ M8

A: 75.00 B: 72.00 C: 68.80 mm



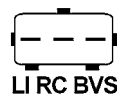
113989 Alternator 14 V, 50 Amp

Replacing: 101211-3860, 101211-3861, 101211-8580, 101211-8700

Servicing: Toyota

Pulley P, Grooves 1, B+ M6, Length 152.00

A: 99.00 B: 58.00 mm



113990 Alternator 14 V, 150 Amp

Replacing: 104210-4010, 104210-4011, 104210-4012

Servicing: Land Rover

Pulley SP, Grooves 8, Fan IF, B+ M8, Length 170.00

A: 22.50 B: 50.00 C: 47.00 mm



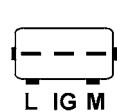
113996 Alternator 14 V, 140 Amp

Replacing: 101210-0990, 102211-8270

Servicing: Alfa Romeo, Fiat, Lancia, Suzuki

Pulley SP/FW, Grooves 6, B+ M8, Length 210.00

A: 113.00 B: 61.30 mm



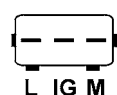
114005 Alternator 14 V, 70 Amp

Replacing: 102211-5300, 102211-8000, 102211-8190

Servicing: Toyota

Pulley SP, Grooves 6, Fan IF, B+ M6, Length 166.00

A: 48.00 B: 27.00 C: 39.00 mm



114006 Alternator 14 V, 90 Amp

Replacing: 102211-8010, 102211-8200

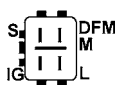
Servicing: Toyota

Pulley SP, Grooves 6, B+ M6, Length 170.00

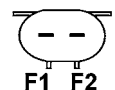
A: 48.00 B: 26.00 C: 38.00 mm



114009 Alternator 14 V, 105 Amp
Replacing: 102211-8351, 102211-8352, 102211-8353, 102211-8354, 102211-8355, 102211-8356
Servicing: Ford
Pulley SP, Grooves 6, B+ M6, Length 160.00
A: 10.00 B: 72.00 C: 52.00 mm



114010 Alternator 14 V, 100 Amp
Replacing: 102211-2760, 104210-3430, 104210-3431
Servicing: Toyota
Pulley SP/FW, Grooves 5, Fan IF, B+ M6, Length 157.00
A: 93.00 B: 53.00 mm



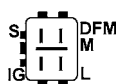
114011 Alternator 14 V, 160 Amp
Replacing: 421000-0080, 421000-0081, 421000-0082, 421000-0083, 421000-0084, 421000-0085, 421000-0086
Servicing: Chrysler
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 202.00
A: 46.00 B: 14.00 C: 60.00 mm



114012 Alternator 14 V, 90 Amp
Replacing: 102211-2770
Servicing: Toyota
Pulley SP, Grooves 5, B+ M6, Length 162.00
A: 31.00 B: 18.20 C: 41.70 mm



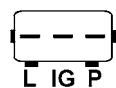
114023 Alternator 14 V, 70 Amp
Replacing: 102211-8560
Servicing: Subaru, Suzuki
Pulley SP, Grooves 4, Fan IF, B+ M8, Length 183.00
A: 90.50 B: 57.20 mm



114024 Alternator 14 V, 80 Amp
Replacing: 102211-2310, 102211-2810, 102211-5600, 102211-5670, 104210-8020, 104210-8021, 104210-8220
Servicing: Toyota
Pulley SP/FW, Grooves 7, Fan IF, B+ M6, Length 183.00
A: 95.00 B: 58.00 mm



114041 Alternator 14 V, 70 Amp
Replacing: 102211-5660
Servicing: Toyota
Pulley SP/FW, Grooves 5, Fan IF, B+ M6, Length 150.00
A: 31.50 B: 16.00 C: 40.50 mm



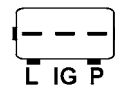
114043 Alternator 14 V, 55 Amp
Replacing: 101211-2770, 101211-2771
Servicing: Caterpillar
Pulley P, Grooves 1, B+ M6, Length 152.00
A: 43.20 B: 12.00 C: 72.00 mm



114065 Alternator 14 V, 120 Amp
Replacing: 104210-3530, 104210-3531, 104210-3532, 104210-3760, 104210-5800
Servicing: Ford
Pulley SP, Grooves 6, B+ M8, Length 165.00
A: 75.00 B: 72.00 C: 68.50 mm



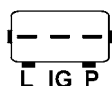
114083 Alternator 14 V, 150 Amp
Replacing: 104210-2750, 104210-3821, 104210-5770
Servicing: Volvo
Pulley SP/FW, Grooves 6, B+ M8, Length 180.00
A: 75.00 B: 72.00 C: 68.00 mm



114085 Alternator 14 V, 40 Amp
Replacing: 101211-1030
Servicing: Bobcat, Hitachi, Kubota
Pulley P, Grooves 1, Fan IF, B+ M6, Length 145.00
A: 44.00 B: 24.00 mm



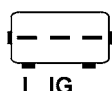
114090 Alternator 14 V, 70 Amp
Replacing: 101210-1400, 102211-8730, 102211-8731
Servicing: Citroen, Peugeot, Toyota
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 170.00
A: 29.20 B: 22.00 C: 42.50 mm



114097 Alternator 14 V, 60 Amp
 Replacing: 101211-2940, 101211-2941
 Servicing: Cummins, Komatsu
 Pulley P, Grooves 1, Fan IF, B+ M6,
 Length 152.00
 A: 99.00 B: 57.00 mm



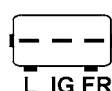
114099 Alternator 14 V, 80 Amp
 Replacing: 101210-1410, 102211-8740,
 102211-8741
 Servicing: Citroen, Peugeot, Toyota
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 167.00
 A: 29.00 B: 20.00 C: 42.00 mm



114113 Alternator 28 V, 60 Amp
 Replacing: 101211-7960, 102211-4050
 Servicing: Komatsu
 Pulley SP, Grooves 8, B+ M6,
 Length 193.00
 A: 89.80 B: 57.70 mm



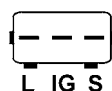
114115 Alternator 14 V, 130 Amp
 Replacing: 104210-3250, 104210-3251,
 104210-3252, 104210-3980, 104210-3981
 Servicing: Toyota
 Pulley SP/FW, Grooves 5, Fan IF,
 B+ M6, Length 166.00
 A: 93.90 B: 53.70 mm



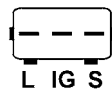
114147 Alternator 14 V, 105 Amp
 Replacing: 102211-2220, 102211-2221,
 102211-2222, 102211-2223
 Servicing: Mini
 Pulley SP, Grooves 6, B+ M6,
 Length 182.00
 A: 38.00 B: 83.00 C: 43.50 mm



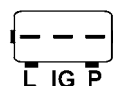
114157 Alternator 14 V, 120 Amp
 Replacing: 104210-3550, 104210-3551
 Servicing: Ford
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 170.00
 A: 73.20 B: 38.20 C: 90.00 mm



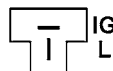
114158 Alternator 14 V, 70 Amp
 Replacing: 102211-5360, 102211-5640
 Servicing: Toyota
 Pulley SP, Grooves 6, Fan IF, B+ M6
 A: 34.00 B: 18.00 C: 40.50 mm



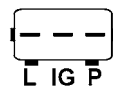
114186 Alternator 14 V, 90 Amp
 Replacing: 102211-2120, 102211-2250,
 102211-2380, 102211-2480
 Servicing: Toyota
 Pulley SP, Grooves 7, B+ M6,
 Length 170.00
 A: 34.00 B: 17.00 C: 46.00 mm



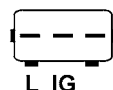
114188 Alternator 14 V, 90 Amp
 Replacing: 101211-9010, 101211-9020
 Servicing: Caterpillar, Manitou
 Pulley DP, Grooves 2, B+ M6,
 Length 177.00
 A: 97.00 B: 58.10 mm



114190 Alternator 14 V, 60 Amp
 Replacing: 101211-2040
 Servicing: Iseki
 Pulley P, Grooves 1, Fan IF, B+ M6
 A: 43.50 B: 21.50 mm



114191 Alternator 14 V, 90 Amp
 Replacing: 102211-9090
 Servicing: Case, Deutz-Fahr
 Pulley SP, Grooves 8, B+ M8,
 Length 178.00
 A: 74.80 B: 51.00 mm



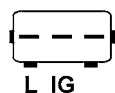
114201 Alternator 14 V, 100 Amp
 Replacing: 100213-2940, 100213-2950,
 100213-2980, 100213-2982, 100213-2990,
 100213-2991, 100213-2992
 Servicing: Hyundai
 Pulley SP/FW, Grooves 6, B+ M8,
 Insulated return No
 A: 150.50 B: 72.00 mm



114203 Alternator 14 V, 60 Amp
Replacing: 100213-0220, 100213-0230, 100213-0231, 100213-0250, 100213-0290, 100213-0291, 100213-0770
Servicing: Toyota, VW
Pulley DP, Grooves 2, B+ M6, Length 268.00
A: 46.00 **B:** 13.00 **C:** 99.00 mm



114204 Alternator 14 V, 120 Amp
Replacing: 102211-8260, 102211-8261, 102211-8650, 102211-8651, 102211-8652
Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
Pulley SP/FW, Grooves 6, B+ M8, Length 204.20, Insulated return No
A: 112.50 **B:** 61.50 mm



114205 Alternator 14 V, 40 Amp
Replacing: 101211-1100
Servicing: Atlas Copco, Bobcat, Bomag, Caterpillar, Doosan, Hitachi, Ingersoll-Rand, JCB, Kubota, Manitou
Pulley P, Grooves 1, Fan IF, B+ M6, Length 141.00
A: 41.50 **B:** 21.00 mm



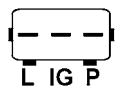
114206 Alternator 14 V, 90 Amp
Replacing: 102211-2780
Servicing: Toyota
Pulley SP/FW, Grooves 5, B+ M6, Length 159.00
A: 31.50 **B:** 18.00 **C:** 42.00 mm



114208 Alternator 14 V, 120 Amp
Replacing: 104210-3911, 104210-4860
Servicing: Honda
Pulley SP/FW, Grooves 7, B+ M8, Length 193.00
A: 35.50 **B:** 46.00 **C:** 44.00 mm



114215 Alternator 14 V, 75 Amp
Replacing: 102211-2600
Servicing: Suzuki
Pulley SP, Grooves 4, Fan IF, B+ M8, Length 163.00
A: 90.00 **B:** 56.00 mm



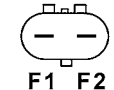
114218 Alternator 14 V, 55 Amp
Replacing: 101211-2240, 101211-2310
Servicing: Caterpillar
Pulley DP, Grooves 2, B+ M6, Length 160.00
A: 95.00 **B:** 57.00 mm



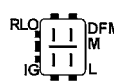
114227 Alternator 14 V, 120 Amp
Replacing: 102211-0670, 102211-4120, 102211-4121
Servicing: Toyota
Pulley P, Grooves 1, B+ M6, Length 168.00
A: 96.00 **B:** 53.20 mm



114231 Alternator 14 V, 90 Amp
Replacing: 102211-1670, 102211-1680, 102211-5250
Servicing: Toyota
Pulley SP, Grooves 4, B+ M6
A: 48.00 **B:** 26.50 **C:** 39.00 mm



114243 Alternator 14 V, 130 Amp
Replacing: 121000-4390, 121000-4391
Servicing: Jeep
Pulley SP, Grooves 8, B+ M6, Length 183.00
Clutch pulley HC-CARGO 333670 can be fitted, if spacer is removed.
A: 28.00 **B:** 12.15 **C:** 68.00 mm



114246 Alternator 14 V, 100 Amp
Replacing: 104210-2190, 104210-4760, 104210-4761
Servicing: Toyota
Pulley SP, Grooves 7, B+ M6, Length 162.00
A: 35.60 **B:** 18.10 **C:** 46.70 mm



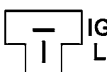
114248 Alternator 14 V, 150 Amp
Replacing: 104210-2730, 104210-2731, 104210-3640, 104210-3641, 104210-3642
Servicing: Ford
Pulley w/o, B+ M8, Length 153.00
B: 14.00 **C:** 52.00 mm



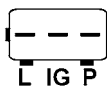
114249 Alternator 14 V, 70 Amp
 Replacing: 101210-0940
 Servicing: Opel, Vauxhall
 Pulley SP, Grooves 5, B+ M8,
 Length 190.00
 A: 54.50 B: 33.50 C: 59.50 mm



114250 Alternator 14 V, 120 Amp
 Replacing: 104210-3630
 Servicing: Ford
 Pulley w/o, B+ M8, Length 155.00,
 Insulated return No
 B: 17.20 C: 52.20 mm



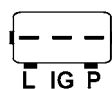
114251 Alternator 14 V, 60 Amp
 Replacing: 101211-2850
 Servicing: Kubota
 Pulley P, Grooves 1, B+ M6,
 Length 143.00
 A: 43.50 B: 21.30 mm



114256 Alternator 14 V, 90 Amp
 Replacing: 101211-0690, 101211-4280,
 102211-1440, 102211-1441, 102211-5700
 Servicing: Kubota, Various Agriculture Vehi-
 cles, Various Industrial applications
 Pulley P, Grooves 1, B+ M6,
 Length 155.00
 A: 92.60 B: 58.30 mm



114258 Alternator 14 V, 105 Amp
 Replacing: 102211-2230, 102211-2231,
 102211-2232, 102211-2233, 102211-2234
 Servicing: Mini
 Pulley SP, Grooves 6, Fan IF, B+ M6,
 Length 200.00
 A: 55.00 B: 83.00 C: 43.00 mm



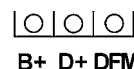
114263 Alternator 14 V, 50 Amp
 Replacing: 101211-3410
 Servicing: John Deere
 Pulley SP, Grooves 1, B+ M6,
 Length 145.00
 A: 44.00 B: 21.10 mm



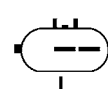
114272 Alternator 14 V, 100 Amp
 Replacing: 104210-3290, 104210-3291,
 104210-3292, 104210-3293, 104210-4730,
 104210-4731, 104210-4732
 Servicing: Honda
 Pulley SP, Grooves 7, B+ M6,
 Length 177.00
 A: 39.50 B: 40.90 C: 45.10 mm



114273 Alternator 14 V, 100 Amp
 Replacing: 102211-0750, 104210-3780
 Servicing: Toyota
 Pulley SP, Grooves 7, B+ M6,
 Length 161.00
 A: 36.00 B: 17.50 C: 46.50 mm



114284 Alternator 14 V, 130 Amp
 Replacing: 101210-0160, 101210-0161,
 101210-0162
 Servicing: Cadillac, Saab
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 200.00
 A: 112.00 B: 61.00 mm



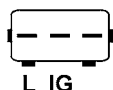
114287# 5★ Alternator 14 V, 110 Amp
 Manufacturer: Denso
 Replacing: 02131-9212
 Servicing: Kia
 Pulley SP/FW, Grooves 7, Fan IF,
 B+ M8, Length 195.00
 Alternative no.: 116358
 A: 43.00 B: 28.00 C: 54.30 mm



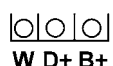
114288 Alternator 14 V, 50 Amp
 Replacing: 100210-2600, 100210-2660,
 100210-2700, 100210-2750, 100210-3080,
 121000-0820, 121000-0830
 Servicing: Toyota
 Pulley DP, Grooves 2, B+ M6, Length 263.00
 Regulator: HC-CARGO 132111.
 A: 49.50 B: 14.50 C: 97.00 mm



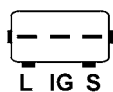
114290 Alternator 14 V, 80 Amp
 Replacing: 104210-8160, 104210-8161
 Servicing: Toyota
 Pulley SP, Grooves 6, Fan IF, B+ M6,
 Length 173.00
 A: 29.00 B: 19.00 C: 37.00 mm



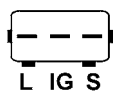
114300 Alternator 14 V, 120 Amp
 Replacing: 100213-2391, 100213-2530
 Servicing: Land Rover
 Pulley SP, Grooves 7, B+ M8,
 Length 236.00
 A: 143.00 B: 69.70 mm



114302 Alternator 28 V, 75 Amp
 Replacing: 102211-8150, 102211-8151
 Servicing: Caterpillar, Various Industrial applications
 Terminal W, B+ M6, Length 184.50
 B: 13.40 C: 83.20 mm



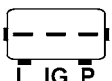
114361 Alternator 14 V, 80 Amp
 Replacing: 100211-1910, 102211-1900, 102211-1910, 102211-1920, 102211-2020, 102211-2022, 102211-2180
 Servicing: Toyota
 Pulley SP, Grooves 6, B+ M6,
 Length 168.70
 A: 34.00 B: 22.00 C: 40.50 mm



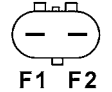
114362 Alternator 14 V, 80 Amp
 Replacing: 101211-0950, 101211-0951, 101211-0952, 101211-4130, 101211-4131, 101211-4132, 101211-9590
 Servicing: Toyota
 Pulley SP, Grooves 4, B+ M6,
 Length 160.70
 A: 90.50 B: 58.00 mm



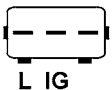
114363 Alternator 28 V, 60 Amp
 Replacing: 101211-7910
 Servicing: Toyota
 Pulley DP, Grooves 2, B+ M6,
 Length 173.80
 A: 92.00 B: 58.40 mm



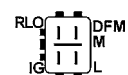
114364 Alternator 28 V, 70 Amp
 Replacing: 101211-7920
 Servicing: Caterpillar
 Pulley DP, Grooves 2, B+ M6,
 Length 184.00
 A: 98.00 B: 58.00 mm



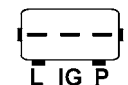
114377 Alternator 14 V, 110 Amp
 Replacing: 121000-3841, 121000-3842, 121000-3843, 121000-3846
 Servicing: Jeep
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 180.00
 A: 28.00 B: 12.80 C: 68.00 mm



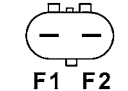
114386 Alternator 14 V, 90 Amp
 Replacing: 100213-2270, 100213-2272, 100213-2630, 100213-2638, 100213-2750, 100213-2790
 Servicing: Land Rover, Honda, MG
 Pulley SP, Grooves 6, B+ M6,
 Length 224.00
 A: 143.00 B: 69.80 mm



114390 Alternator 14 V, 100 Amp
 Replacing: 104210-4520, 104210-4521, 104211-3060, 104211-3061, 104211-3062, 104211-3410
 Servicing: Toyota
 Pulley SP/FW, Grooves 7, B+ M6,
 Length 167.50
 A: 24.50 B: 60.20 C: 71.30 mm



114403 Alternator 14 V, 120 Amp
 Replacing: 102211-0830
 Servicing: Komatsu
 Pulley DP, Grooves 2, B+ M8
 A: 99.00 B: 58.00 mm



114405 Alternator 14 V, 110 Amp
 Replacing: 121000-3700
 Servicing: Jeep
 Pulley SP, Grooves 8, B+ M6
 A: 34.00 B: 12.00 C: 54.00 mm



114409 Alternator 14 V, 100 Amp
 Replacing: 101210-0960, 101210-0961, MS1012100961
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 193.00
 A: 41.00 B: 64.00 C: 55.00 mm



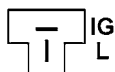
114410 Alternator 14 V, 130 Amp

Replacing: 104210-1880, 104210-1881, 104210-1882, 104210-4591, 104210-4770, 104210-4771

Servicing: Lexus, Toyota

Pulley SP/FW, Grooves 7, B+ M6, Length 151.70

A: 24.00 B: 60.00 C: 71.00 mm



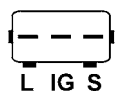
114411 Alternator 14 V, 40 Amp

Replacing: 101211-3720, 101211-3721, 101211-3722, 101211-3723

Servicing: Arctic Cat

Pulley P, Grooves 1, B+ M6, Length 141.00

A: 61.20 B: 29.00 mm



114433 Alternator 14 V, 80 Amp

Replacing: 101211-7860, 101211-7861, 102211-1370

Servicing: Lexus, Toyota

Pulley SP, Grooves 6, Fan IF, B+ M6

A: 90.00 B: 58.00 mm



114451 Alternator 14 V, 105 Amp

Replacing: 101210-1130, 101210-1131, 101210-1200, 101210-1201, 102211-8620, 102211-8621, 102211-8622

Servicing: Fiat, Lancia, Opel, Vauxhall

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 185.00

A: 41.00 B: 63.50 C: 55.00 mm

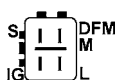
114462 Alternator 14 V, 70 Amp

Replacing: 102211-8280, 102211-8281, 102211-8310

Servicing: Fiat, Alfa Romeo, Ford, Lancia

Pulley SP, Grooves 4, B+ M8

A: 68.10 B: 32.50 mm



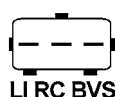
114490 Alternator 14 V, 100 Amp

Replacing: 104210-2220, 104210-4850, 104210-5140, 104210-5600

Servicing: Toyota

Pulley SP/FW, Grooves 7, B+ M6, Length 151.70

A: 23.98 B: 60.00 C: 71.50 mm



114491 Alternator 14 V, 150 Amp

Replacing: 104210-3690, 104210-3691

Servicing: Land Rover

Pulley SP, Grooves 6, B+ M8, Length 166.00

A: 28.50 B: 50.50 C: 45.00 mm



114493 Alternator 14 V, 100 Amp

Replacing: 101210-1090, 101210-1091, 101210-1430

Servicing: Fiat, Alfa Romeo, Lancia, Opel

Pulley SP/FW, Grooves 6, B+ M8, Length 188.00

A: 112.50 B: 61.20 mm



114494 Alternator 14 V, 90 Amp

Replacing: 101210-0870, 101210-0871

Servicing: Fiat, Lancia

Pulley SP/FW, Grooves 6, B+ M8, Length 201.00

A: 45.00 B: 17.00 C: 54.50 mm



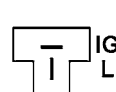
114511 Alternator 14 V, 120 Amp

Replacing: 421000-0060, 421000-0061, 421000-0062, 421000-0230, 421000-0232

Servicing: Chrysler, Dodge

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 158.00

A: 22.50 B: 69.30 C: 86.00 mm



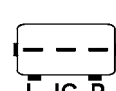
114515 Alternator 14 V, 45 Amp

Replacing: 100211-6780

Servicing: Kubota

Pulley DP, Grooves 2, B+ M6, Length 154.00

A: 42.50 B: 24.00 mm



114518 Alternator 14 V, 55 Amp

Replacing: 101211-2950, 101211-2951

Servicing: John DeereCase

Pulley P, Grooves 1, B+ M6, Length 150.00

A: 43.00 B: 21.00 mm



114679 Alternator 14 V, 35 Amp

Replacing: 100211-4710, 101211-1240, 101211-1242

Servicing: John Deere

Pulley P, Grooves 1, B+ M6, Length 140.00

A: 40.00 B: 24.00 mm



114683 Alternator 28 V, 80 Amp

Replacing: 101211-8270, 101211-8271, 101211-8272

Servicing: Caterpillar, Daihatsu

Pulley w/o, B+ M8, Length 215.00

B: 13.70 C: 103.00 mm



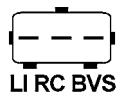
114694 Alternator 14 V, 100 Amp

Replacing: 104210-2180, 104210-2181, 104211-3050, 104211-3051, 104211-3052, 104211-3420

Servicing: Toyota

Pulley SP/FW, Grooves 6, B+ M6

A: 33.50 B: 20.00 C: 51.50 mm



114704 Alternator 14 V, 150 Amp

Replacing: 104210-3710, 104210-3711

Servicing: Land Rover

Pulley SP/FW, Grooves 8, Fan IF, B+ M8, Length 173.00

A: 22.00 B: 50.00 C: 47.00 mm



114706 Alternator 14 V, 120 Amp

Replacing: 101210-1380, 101210-1381, 101210-1470

Servicing: Fiat, Ford, Lancia

Pulley SP, Grooves 5, B+ M8, Length 185.00

A: 16.00 B: 24.00 C: 50.00 mm



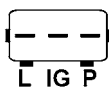
114714 Alternator 28 V, 80 Amp

Replacing: 102211-8140, 102211-8141

Servicing: Caterpillar, Terex

Terminal W, Pulley w/o, Fan IF, B+ M6, Length 178.00

B: 14.00 C: 82.00 mm



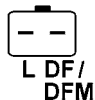
114725 Alternator 14 V, 50 Amp

Replacing: 101211-3580

Servicing: Toyota

Pulley P, Grooves 1, Fan IF, B+ M6, Length 150.00

A: 94.00 B: 58.00 mm



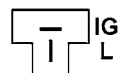
114749 Alternator 14 V, 150 Amp

Replacing: 104210-2780, 104210-5020, 104210-5021

Servicing: Alfa Romeo, Fiat

Pulley SP/FW, Grooves 5, Fan IF, B+ M8, Length 167.00

A: 28.00 B: 14.20 C: 64.50 mm



114751 Alternator 14 V, 44 Amp

Replacing: 101211-3780, 101211-3781

Servicing: Bobcat, Caterpillar, Doosan, Kawasaki, Kubota, Manitou

Pulley P, Grooves 1, Length 161.00

A: 43.00 B: 21.00 mm



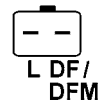
114754 Alternator 14 V, 120 Amp

Replacing: 101210-0970, 101210-0971

Servicing: Opel, Renault, Vauxhall

Pulley SP/FW, Grooves 6, B+ M8

A: 41.00 B: 64.00 C: 55.00 mm



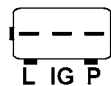
114755 Alternator 14 V, 150 Amp

Replacing: 104210-4840

Servicing: Alfa Romeo

Pulley SP/FW, Grooves 5, B+ M8, Length 169.00

A: 26.00 B: 14.70 C: 65.00 mm



114770 Alternator 14 V, 80 Amp

Replacing: 102211-9050

Servicing: Various Industrial applications

Pulley P, Grooves 1, B+ M6, Length 155.00

A: 97.00 B: 58.50 mm



114804 Alternator 14 V, 105 Amp
 Replacing: 101210-0920, 101210-0921
 Servicing: Ford
 Pulley w/o, B+ M8
 B: 14.50 C: 52.00 mm



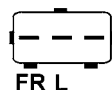
114806 Alternator 14 V, 120 Amp
 Replacing: 101210-1080, 101210-1081
 Servicing: Abarth, Alfa Romeo, Fiat, Lancia
 Pulley SP/FW, Grooves 5, Fan IF, B+ M8
 Alternative no.: 115874
 A: 16.00 B: 24.00 C: 50.00 mm



114810 Alternator 14 V, 150 Amp
 Replacing: 104210-3560, 104210-4640
 Servicing: Volvo
 Pulley SP/FW, Grooves 5, B+ M8
 A: 33.50 B: 33.00 C: 91.50 mm



114813 Alternator 28 V, 65 Amp
 Replacing: 101211-8140
 Servicing: Various Agriculture Vehicles, Various Industrial applications
 Pulley w/o, B+ 5/16" UNC, Length 230.00
 B: 13.00 C: 102.00 mm



114827 Alternator 14 V, 120 Amp
 Replacing: 02131-9130, 02131-9131, 02131-9132
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 193.00
 A: 43.00 B: 20.00 C: 55.50 mm



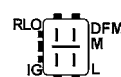
114828 Alternator 14 V, 90 Amp
 Replacing: 100210-4510, 100210-4520
 Servicing: Jeep
 Pulley SP, Grooves 8, B+ M6, Length 245.00
 A: 142.00 B: 70.00 mm



114881 Alternator 14 V, 80 Amp
 Replacing: 102211-9260
 Servicing: Suzuki
 Pulley SP, Grooves 5, B+ M6, Length 170.00
 A: 90.00 B: 57.50 mm



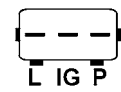
114895 Alternator 14 V, 70 Amp
 Replacing: 101210-0950, 101210-0951
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
 A: 40.00 B: 64.00 C: 55.00 mm



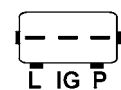
114897 Alternator 14 V, 80 Amp
 Replacing: 104210-8350, 104210-9250, 104210-9290
 Servicing: Daihatsu, Toyota
 Pulley SP, Grooves 6, Fan IF, B+ M6
 A: 29.50 B: 19.00 C: 36.30 mm



114899 Alternator 14 V, 70 Amp
 Replacing: 102211-8220, 102211-8221
 Servicing: Fiat, Lancia
 Pulley SP, Grooves 4, Fan IF, B+ M8, Length 184.00
 A: 54.95 B: 32.00 mm

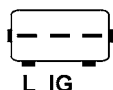


114902 Alternator 14 V, 90 Amp
 Replacing: 102211-1830, 102211-9010
 Servicing: Caterpillar, Hyundai, Ingersoll-Rand, Mahindra, Mitsubishi, Terex, Volvo
 Pulley DP, Grooves 2, B+ M8, Length 174.00
 A: 95.50 B: 58.00 mm

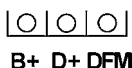


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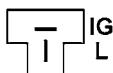
115303* Alternator 14 V, 55 Amp
 Replacing: 021080-1190, 101211-2960, 101211-2961, 101211-2962, 101211-2963
 Servicing: Volvo
 Pulley P, Grooves 1 mm



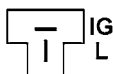
115305 Alternator 14 V, 140 Amp
 Replacing: 104210-4660
 Servicing: Suzuki
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 175.00
 A: 32.50 B: 16.00 C: 55.00 mm



115308 Alternator 14 V, 120 Amp
 Replacing: 102211-8630, 102211-8631
 Servicing: Fiat, Lancia, Opel, Vauxhall
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8
 A: 41.00 B: 64.50 C: 54.50 mm



115319 Alternator 14 V, 45 Amp
 Replacing: 101211-8680
 Servicing: Briggs & Stratton
 Pulley w/o, B+ M6
 B: 21.00 mm



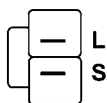
115320 Alternator 14 V, 45 Amp
 Replacing: 101211-2590
 Servicing: Hyster, Hyundai, John Deere, Manitou, Yale
 Pulley P, Grooves 1, B+ M6, Length 141.00
 A: 43.00 B: 20.75 mm



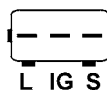
115346 Alternator 14 V, 120 Amp
 Replacing: 101210-1390, 101210-1391
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8, Length 198.00
 A: 41.50 B: 64.00 C: 55.00 mm



115385 Alternator 28 V, 95 Amp
 Replacing: 101211-8340, 101211-8341
 Servicing: Caterpillar
 Terminal W, Pulley w/o, B+ 5/16" UNC, Length 230.00
 B: 14.20 C: 102.00 mm



115409 Alternator 14 V, 120 Amp
 Replacing: 02131-9261, 02131-9262
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 6, B+ M8
 A: 103.00 B: 63.00 mm



115415 Alternator 14 V, 120 Amp
 Replacing: 101211-7870, 101211-7871, 101211-7872
 Servicing: Toyota
 Pulley DP, Grooves 2, Fan IF, B+ M6, Length 171.00
 A: 91.50 B: 58.00 mm



115429 Alternator 14 V, 120 Amp
 Replacing: 101210-1100, 101210-1101, 101210-1320, 101210-1321, 101210-1440
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8, Length 202.00
 A: 113.00 B: 61.00 mm



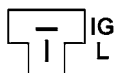
115435 Alternator 14 V, 50 Amp
 Replacing: 101211-2200, 101211-2201
 Servicing: John Deere
 Pulley P, Grooves 1, B+ M6, Length 145.00
 A: 42.00 B: 21.00 mm



115456 Alternator 14 V, 150 Amp
 Replacing: 104210-1730, 104210-1731, 104211-8850
 Servicing: Ford
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 177.00
 A: 42.50 B: 22.00 C: 31.00 mm



115457# Alternator 14 V, 120 Amp
 Manufacturer: Denso
 Replacing: 101210-1670, 101210-1840
 Servicing: Alfa Romeo, Fiat, Jeep, Lancia
 Pulley SP/FW, Grooves 5, Fan IF, B+ M8, Length 197.00
 Alternative no.: 116125
 A: 17.00 B: 24.00 C: 50.00 mm




115462 Alternator 14 V, 60 Amp
 Replacing: 101211-2470, 101211-2471
 Servicing: John Deere
 Pulley P, Grooves 1, B+ M6,
 Length 148.00
 A: 46.50 B: 24.00 mm



115527 Alternator 14 V, 150 Amp
 Replacing: 104210-4240, 104210-4241
 Servicing: Jeep
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 191.00
 A: 51.00 B: 30.00 mm



115546  Alternator 14 V, 80 Amp
 Manufacturer: Denso
 Replacing: 101210-1720, 101210-1721
 Servicing: Citroen, Peugeot
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 177.40
 Alternative no.: 116357
 A: 42.40 B: 21.00 C: 45.80 mm



115551 Alternator 14 V, 90 Amp
 Replacing: 101210-1480
 Servicing: Fiat
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 187.50
 A: 54.60 B: 33.00 mm



115578 Alternator 14 V, 120 Amp
 Replacing: 101210-1420, 101210-1421
 Servicing: Fiat
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 208.00
 A: 41.70 B: 64.00 C: 55.00 mm



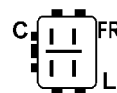
115601 Alternator 14 V, 120 Amp
 Replacing: 104210-4020, 104210-4021,
 104210-4022, 104210-5760
 Servicing: Ford, Volvo
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 157.00
 A: 11.00 B: 72.00 C: 49.50 mm



115615 Alternator 14 V, 105 Amp
 Replacing: 102211-8460, 102211-8461,
 102211-8480, 102211-8481, 102211-8482
 Servicing: Fiat
 Pulley SP, Grooves 5, Fan IF, B+ M8,
 Length 183.00
 A: 17.00 C: 50.00 mm



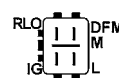
115620 Alternator 14 V, 105 Amp
 Replacing: 102211-8690, 102211-8691
 Servicing: Alfa Romeo, Fiat, Lancia
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 195.00
 A: 68.50 B: 32.00 mm



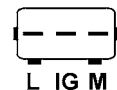
115632 Alternator 14 V, 150 Amp
 Replacing: 104210-1060
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 172.00
 A: 52.00 B: 20.00 C: 38.00 mm



115647 Alternator 14 V, 90 Amp
 Replacing: 102211-8680, 102211-8681
 Servicing: Alfa Romeo, Fiat
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 210.00
 A: 69.00 B: 32.00 mm



115657 Alternator 14 V, 100 Amp
 Replacing: 104210-2320, 104210-2520
 Servicing: Toyota
 Pulley SP/FW, Grooves 6, B+ M6,
 Length 169.50
 A: 47.00 B: 20.00 C: 42.50 mm



115660 Alternator 14 V, 70 Amp
 Replacing: 102211-5260, 102211-5380,
 102211-5650
 Servicing: Toyota, VW
 Pulley SP, Grooves 4, B+ M6,
 Length 160.00
 A: 34.00 B: 18.00 C: 41.00 mm



115666 Alternator 14 V, 100 Amp
 Replacing: 104210-2290, 104210-2291
 Servicing: Toyota
 Pulley SP/FW, Grooves 6, Fan IF, B+ M6,
 Length 196.00, Insulated return No
 A: 28.50 B: 19.00 C: 37.40 mm



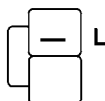
115667 Alternator 14 V, 120 Amp
 Replacing: 101210-1700
 Servicing: Alfa Romeo, Fiat
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 185.00
 A: 42.00 B: 64.00 C: 55.00 mm



115669 Alternator 14 V, 150 Amp
 Replacing: 104210-2370
 Servicing: Toyota
 Pulley SP/FW, Grooves 7, B+ M6,
 Length 165.00
 A: 23.50 B: 60.00 C: 71.00 mm



115679 Alternator 14 V, 130 Amp
 Replacing: 104210-1840, TN104210-1840
 Servicing: Chrysler, Fiat
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 197.00
 A: 113.50 B: 61.50 C: 61.50 mm



115683 Alternator 14 V, 85 Amp
 Replacing: 104210-9031, 104210-9032,
 104210-9033
 Servicing: Isuzu
 Pulley SP, Grooves 7, B+ M8,
 Length 185.00
 A: 43.00 B: 13.00 C: 80.00 mm



115693 Alternator 14 V, 170 Amp
 Replacing: 104210-6330, 104210-6331,
 104210-6332
 Servicing: BMW
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 223.00
 A: 49.50 B: 27.50 C: 75.50 mm



115700 Alternator 14 V, 150 Amp
 Replacing: 104210-4050, 104210-4051
 Servicing: Volvo
 Pulley SP/FW, Grooves 5, Fan IF,
 B+ M8, Length 172.00
 A: 34.00 B: 33.00 C: 91.00 mm



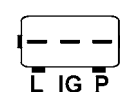
115701 Alternator 14 V, 220 Amp
 Replacing: 104210-6080
 Servicing: Dodge, Jeep
 Pulley SP/FW, Grooves 6, B+ M8
 A: 52.00 B: 70.00 C: 42.00 mm



115704 Alternator 14 V, 150 Amp
 Replacing: 104210-3870, 104210-3871
 Servicing: Renault
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 170.00
 A: 96.50 B: 58.00 mm



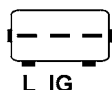
115720 Alternator 14 V, 150 Amp
 Replacing: 104210-6120
 Servicing: Jaguar
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 198.00
 A: 22.00 B: 50.00 C: 47.50 mm



115724 Alternator 14 V, 45 Amp
 Replacing: 101211-3560, 101211-3561
 Servicing: Caterpillar, VM (Stabilimenti Mec)
 Pulley w/o
 B: 20.00 C: 66.00 mm



115742 Alternator 14 V, 100 Amp
 Replacing: 102211-8120, 102211-8121
 Servicing: JCB
 Pulley w/o, B+ M6, Length 177.00
 B: 14.00 C: 83.00 mm



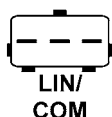
115748 Alternator 14 V, 120 Amp

Replacing: 101211-7630, 101211-7631, 101211-7632, 101211-7633

Servicing: Jaguar

Pulley SP, Grooves 7, Fan IF, B+ M8, Length 190.00

A: 90.50 B: 58.00 mm



115749 Alternator 14 V, 220 Amp

Replacing: 104210-6590, 104210-6591, 104210-6592

Servicing: Chrysler, Jeep, Lancia

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 170.00

A: 52.00 B: 70.00 C: 41.50 mm



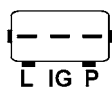
115750 Alternator 14 V, 150 Amp

Replacing: 104210-3542, 104210-5780

Servicing: Ford, Ford Australia

Pulley SP, Grooves 6, B+ M8, Length 176.80

A: 74.60 B: 72.00 C: 68.30 mm



115752 Alternator 14 V, 90 Amp

Replacing: 100213-2380

Servicing: Opel, Vauxhall

Pulley SP, Grooves 8, B+ M6, Length 234.00

A: 148.80 B: 69.80 mm



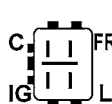
115762 Alternator 14 V, 90 Amp

Replacing: 102211-8050, 102211-8051, 102211-8052

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 161.00

A: 11.00 B: 72.10 C: 49.50 mm



115787 Alternator 14 V, 120 Amp

Replacing: 102211-0870

Servicing: Jaguar

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 202.00

A: 97.00 B: 58.00 mm



115788 Alternator 14 V, 120 Amp

Replacing: 102211-0860

Servicing: Jaguar

Pulley SP, Grooves 6, B+ M8, Length 197.00

A: 97.00 B: 58.00 mm



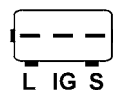
115789 Alternator 14 V, 120 Amp

Replacing: 101211-7891, 101211-7892

Servicing: Jaguar

Pulley SP, Grooves 6, Fan IF, B+ M8

A: 40.00 C: 74.00 mm



115790 Alternator 14 V, 100 Amp

Replacing: 101211-7370

Servicing: Lexus

Pulley SP, Grooves 4, Fan IF, B+ M6, Length 161.00

A: 90.00 B: 58.00 mm



115791 Alternator 14 V, 90 Amp

Replacing: 102211-1950, 102211-1960, 102211-9070

Servicing: Toyota

Pulley SP, Grooves 4, Fan IF, B+ M6

A: 33.00 B: 18.00 C: 41.60 mm



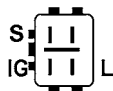
115794 Alternator 28 V, 95 Amp

Replacing: 101211-8400, 101211-8401

Servicing: Caterpillar

Pulley w/o, Fan EF, B+ M8, Length 221.00

B: 80.20 C: 107.80 mm



115803 Alternator 14 V, 55 Amp

Replacing: 101211-8740

Servicing: Honda

Pulley SP, Grooves 4, Fan IF, B+ M6, Length 146.00

A: 76.50 B: 46.00 mm



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115806* Alternator 14 V, 80 Amp
Replacing: 104210-8310, 104210-8311
Pulley SP, Grooves 5, Fan IF



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115831 Alternator 14 V, 55 Amp
Replacing: 101211-2780
Servicing: Caterpillar
Pulley P, Grooves 1, Fan IF, B+ M6
A: 93.50 mm



115836 Alternator 14 V, 105 Amp
Replacing: 104210-5370
Servicing: Honda
Pulley SP, Grooves 7, B+ M6,
Length 160.00
A: 45.00 B: 20.00 C: 38.00 mm



115852 Alternator 14 V, 105 Amp
Replacing: 101210-1270, 101210-1271
Servicing: Alfa Romeo, Fiat, Lancia
Pulley SP, Grooves 6, Fan IF, B+ M8,
Length 185.00
A: 41.50 B: 64.00 C: 55.00 mm



115863 Alternator 14 V, 100 Amp
Replacing: 104210-5290, 104210-5350,
104210-5351, 104210-5352, 104210-8480
Servicing: Toyota
Pulley SP/FW, Grooves 6, Fan IF, B+ M6,
Length 175.00, Insulated return No
A: 33.00 B: 20.00 C: 51.00 mm



115864 Alternator 14 V, 90 Amp
Replacing: 102211-1471
Servicing: MG, Rover
Pulley SP, Grooves 6, Fan IF, B+ M6,
Length 168.00
A: 90.00 B: 58.00 mm



115865 Alternator 14 V, 95 Amp
Replacing: 101211-9820, 101211-9821,
101211-9880, 102211-1850, 102211-1860
Servicing: Honda
Pulley SP, Grooves 4, Fan IF, B+ M6,
Length 157.00
A: 32.00 B: 58.00 mm



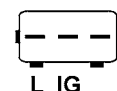
115866 Alternator 14 V, 150 Amp
Replacing: 104210-1170
Servicing: Fiat, Suzuki
Pulley SP/FW, Grooves 6, B+ M8,
Length 192.00
A: 101.50 B: 61.10 mm



115868 Alternator 14 V, 70 Amp
Replacing: 102211-6100
Servicing: Nissan, Suzuki
Pulley SP, Grooves 5, B+ M6,
Length 168.00
A: 91.00 B: 58.25 mm



115874 5★ Alternator 14 V, 120 Amp
Manufacturer: Denso
Replacing: 101210-1080, 101210-1081
Servicing: Abarth, Alfa Romeo, Fiat, Lancia
Pulley SP/FW, Grooves 5, B+ M8,
Length 196.00
Alternative no.: 114806
A: 16.00 B: 24.00 C: 50.00 mm



115929 Alternator 14 V, 70 Amp
Replacing: 102211-5450, 102211-5470
Servicing: Daihatsu
Pulley SP, Grooves 4, B+ M6,
Length 153.00
A: 48.00 B: 27.00 C: 39.50 mm



115930 Alternator 14 V, 150 Amp
Replacing: 104210-3950, 104210-3951
Servicing: Land Rover
Pulley SP/FW, Grooves 8, Fan IF,
B+ M8, Length 165.00
A: 22.00 B: 50.00 C: 47.00 mm



115931 Alternator 14 V, 170 Amp

Replacing: 104210-6020, 104210-6021, 104210-6022

Servicing: BMW

Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 172.00

A: 30.70 B: 62.40 C: 40.50 mm



115932 Alternator 14 V, 120 Amp

Replacing: 101210-1640

Servicing: Alfa Romeo, Fiat

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 200.10

A: 113.00 B: 61.00 mm



115933 Alternator 14 V, 150 Amp

Replacing: 104210-1970, 104210-1971

Servicing: Ford, Suzuki

Pulley SP/FW, Grooves 6, B+ M8, Length 205.00

A: 42.50 B: 21.50 C: 31.50 mm



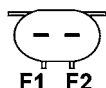
115934 Alternator 14 V, 160 Amp

Replacing: 421000-0040, 421000-0042, 421000-0043

Servicing: Dodge, Jeep

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 162.00, Insulated return No

A: 26.50 B: 12.00 C: 68.00 mm



115935 Alternator 14 V, 130 Amp

Replacing: 121000-3850, 121000-3851, 121000-4520, 121000-4521, 121000-4550, 121000-4551

Servicing: Jeep

Pulley SP/FW, Grooves 6, B+ M8, Length 185.00

A: 27.00 B: 12.00 C: 67.50 mm



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115956* Alternator 14 V, 120 Amp

Replacing: 102211-0980, 102211-0981

Servicing: Jaguar

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 178.00

A: 41.50 B: 73.00 C: 74.50 mm



115963 Alternator 14 V, 90 Amp

Replacing: 101210-1120, 101210-1121, 101210-1190, 101210-1191

Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall

Pulley SP/FW, Grooves 6, B+ M8, Length 196.00

Alternative no.: 113722

A: 41.00 B: 64.20 C: 55.00 mm



115983 Alternator 14 V, 130 Amp

Replacing: 104210-1140, 104210-1150

Servicing: Honda

Pulley SP/FW, Grooves 7, B+ M8, Length 165.00

A: 36.00 B: 46.00 C: 44.00 mm



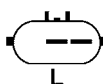
116007 Alternator 14 V, 150 Amp

Replacing: 104210-2420

Servicing: Land Rover

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 178.00

A: 22.50 B: 49.30 C: 47.50 mm



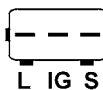
116027 Alternator 14 V, 110 Amp

Replacing: 02131-9340

Servicing: Hyundai

Pulley SP/FW, Grooves 7, B+ M8, Length 174.00

A: 43.00 B: 15.50 C: 31.50 mm



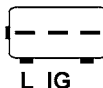
116029 Alternator 28 V, 60 Amp

Replacing: 100211-6240, 100211-6250, 100211-6260

Servicing: Toyota

Pulley DP, Grooves 2, B+ M8, Length 174.00

A: 92.00 B: 58.00 mm



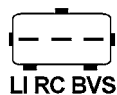
116055 Alternator 28 V, 60 Amp

Replacing: 102211-4080

Servicing: Komatsu

Pulley DP, Grooves 2, Fan IF, B+ M8, Length 183.00

A: 92.00 B: 58.00 mm



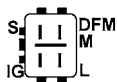
116056 Alternator 14 V, 150 Amp
 Replacing: 104210-3720
 Servicing: Jaguar
 Pulley SP/FW, Grooves 6, B+ M8, Length 183.00
 A: 22.00 B: 50.00 C: 48.00 mm



116064 Alternator 14 V, 75 Amp
 Replacing: 101210-1110, 101210-1111, 101210-1180, 101210-1181, 102211-8610, 102211-8611, 102211-8612
 Servicing: Fiat, Opel, Suzuki, VauxhallLancia
 Pulley SP/FW, Grooves 6, B+ M8, Length 184.00
 Alternative no.: 113720
 A: 40.00 B: 64.00 C: 55.00 mm



116089 Alternator 14 V, 120 Amp
 Replacing: 101210-1330, 101210-1331
 Servicing: Abarth, Fiat
 Pulley SP/FW, Grooves 5, B+ M8, Length 199.00
 A: 116.00 B: 61.00 mm



116090 Alternator 14 V, 100 Amp
 Replacing: 104210-4230, 104210-4920, 104210-4921
 Servicing: Faw Toyota, Toyota
 Pulley SP, Grooves 7, Fan IF, B+ M6, Length 164.00
 A: 40.00 B: 18.20 C: 30.60 mm



116094 Alternator 14 V, 120 Amp
 Replacing: 101210-1710
 Servicing: Alfa Romeo, Fiat, Jeep
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 198.00
 A: 112.50 B: 61.10 mm



116125 Alternator 14 V, 120 Amp
 Replacing: 101210-1670, 101210-1840
 Servicing: Alfa Romeo, Fiat, Jeep
 Pulley SP/FW, Grooves 5, B+ M8, Length 197.00
 Alternative no.: 115457*
 A: 17.00 B: 24.00 C: 50.00 mm



116140[#] Alternator 14 V, 150 Amp
 Replacing: 104210-3450, 104210-3650, 104210-3651, 104210-3652
 Servicing: Lexus, Toyota
 Pulley SP, Grooves 6, Fan IF, B+ M6, Length 156.00, Insulated return No
 A: 44.00 B: 25.00 C: 43.00 mm



116141 Alternator 14 V, 210 Amp
 Replacing: 104210-6090
 Servicing: Chrysler
 Pulley SP/FW, Grooves 6, B+ M8, Length 176.00
 A: 38.40 B: 70.00 C: 56.00 mm



116148 Alternator 14 V, 150 Amp
 Replacing: 104210-1650
 Servicing: Honda
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 167.00, Insulated return No
 B: 46.00 C: 43.50 mm



116152 Alternator 14 V, 150 Amp
 Replacing: 104211-8210, 104211-8211, 104211-9580
 Servicing: Citroen, DS, Opel, Peugeot, Vauxhall
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 166.50
 A: 42.50 B: 21.00 C: 47.00 mm

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116219 Alternator 14 V, 100 Amp
 Manufacturer: Denso
 Replacing: 104210-1350, 104210-3020, 104211-3020, 104211-3021, 104211-3022, 104211-3090, 104211-3340
 Servicing: Toyota
 Pulley SP/FW, Grooves 4, B+ M6, Length 163.00
 A: 29.70 B: 19.20 C: 37.30 mm



116220 Alternator 14 V, 170 Amp
 Replacing: 104210-6390, 104210-6391, 104210-6392, 104210-6393, 104210-6394, 104210-6395
 Servicing: BMW, BMW (Brilliance)
 Pulley SP/FW, Grooves 6, B+ M8, Length 179.00
 A: 49.50 B: 27.80 C: 75.50 mm



NEW PRODUCT
www.hc-cargo.com

116221* Alternator 14 V, 120 Amp
Replacing: 104211-3320
Servicing: Ford
Pulley SP/FW, Grooves 6, B+ M8,
Length 177.00
A: 42.50 B: 21.50 C: 32.00 mm



NEW PRODUCT
www.hc-cargo.com

116222* Alternator 12 V, 120 Amp
Replacing: 104211-3330
Servicing: Ford
Pulley SP/FW, Grooves 6



NEW PRODUCT
www.hc-cargo.com

116239 Alternator 14 V, 150 Amp
Replacing: 104211-8180, 104211-8181,
104211-8182
Servicing: BMW, Mini
Pulley SP, Grooves 6, Fan IF, B+ M8,
Length 179.00
A: 57.50 B: 28.00 C: 75.50 mm

NEW PRODUCT
www.hc-cargo.com

116245* 12 V, 100 Amp
Replacing: 104211-3740
Servicing: Toyota



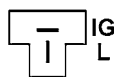
116294 Alternator 14 V, 150 Amp
Replacing: 104210-2710, 104210-3520,
104210-3521, 104210-3522, 104210-3523,
104210-3524, 104210-5710
Servicing: Ford, Mazda, Volvo
Pulley SP/FW, Grooves 6, B+ M8,
Length 168.00
Alternative no.: 113849
A: 42.50 B: 21.00 C: 45.00 mm

NEW PRODUCT
www.hc-cargo.com

116300 Alternator 14 V, 115 Amp
Replacing: 104211-3480
Servicing: Citroen, Peugeot, Toyota
Pulley SP/FW, Grooves 6



116301 Alternator 14 V, 100 Amp
Replacing: 104211-3490
Servicing: Citroen, Peugeot, Toyota
Pulley SP/FW, Grooves 6, Fan IF,
B+ M6, Length 181.00
A: 29.00 B: 18.00 C: 37.00 mm



116313 Alternator 14 V, 60 Amp
Replacing: 101211-8520, 101211-8521,
101211-8522
Servicing: Kubota
Pulley P, Grooves 1, B+ M6,
Length 150.00
A: 43.00 B: 21.00 mm



116318 Alternator 14 V, 150 Amp
Replacing: 104210-4650, 104210-4651
Servicing: Land Rover
Pulley SP, Grooves 6, Fan IF, B+ M8,
Length 155.00
A: 21.80 B: 50.00 C: 47.50 mm



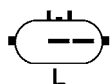
116330 Alternator 14 V, 75 Amp
Replacing: 101210-1210, 101210-1211,
101211-1211
Servicing: Fiat, Lancia
Pulley SP, Grooves 6, Fan IF, B+ M8,
Length 175.00
Alternative no.: 113721
A: 40.50 B: 63.90 C: 55.00 mm



116332 Alternator 14 V, 90 Amp
Replacing: 101210-0890, 101210-0891,
102211-8500, 102211-9280
Servicing: Toyota
Pulley SP, Grooves 6, Fan IF, B+ M6,
Length 163.00
A: 34.50 C: 40.00 mm



116357 Alternator 14 V, 80 Amp
Replacing: 101210-1720, 101210-1721
Servicing: Citroen, Peugeot
Pulley SP/FW, Grooves 6, Fan IF,
B+ M8, Length 178.00
Alternative no.: 115546
A: 42.40 B: 21.00 C: 45.80 mm



116358 Alternator 14 V, 110 Amp
 Replacing: 02131-9212
 Servicing: Kia
 Pulley SP/FW, Grooves 7, B+ M8
 Alternative no.: 114287*
 A: 43.60 B: 28.00 C: 54.50 mm



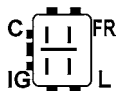
116366 Alternator 14 V, 130 Amp
 Replacing: 104210-3050, 104210-3051, 104210-3052
 Servicing: Toyota
 Pulley FW, Grooves 5, Fan IF, B+ M6, Length 165.00
 A: 92.50 B: 53.00 mm



116372 Alternator 14 V, 150 Amp
 Replacing: 104211-8660
 Servicing: Alfa Romeo, Fiat, Jeep
 Pulley FW, Grooves 6, Fan IF, B+ M8, Length 196.00
 A: 113.00 B: 61.00 mm



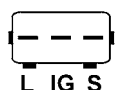
116404 Alternator 14 V, 150 Amp
 Replacing: 104211-8540
 Servicing: Alfa Romeo, Fiat, Jeep
 Pulley FW, Grooves 6, B+ M8, Length 198.00
 A: 109.00 B: 57.00 mm



116437 Alternator 14 V, 120 Amp
 Replacing: 104210-2260, 104210-2660
 Servicing: Honda
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 164.00
 A: 36.00 B: 46.00 C: 43.50 mm



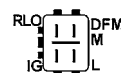
116442 Alternator 14 V, 210 Amp
 Replacing: 104210-6400, 104210-6401, 104210-6402, 104210-6403, 104210-6404, 104210-6405, 104210-6406
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8, Length 180.00
 A: 50.00 B: 27.50 C: 75.00 mm



116444 Alternator 14 V, 100 Amp
 Replacing: 101211-7800
 Servicing: Lexus
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 170.00, Insulated return No
 A: 88.00 B: 56.00 mm



116450 Alternator 14 V, 130 Amp
 Replacing: 02131-9271
 Servicing: Hyundai, Kia
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 189.00
 A: 42.00 B: 20.00 C: 56.00 mm



116469 Alternator 14 V, 150 Amp
 Replacing: 104210-2040, 104210-4670
 Servicing: Lexus
 Pulley SP/FW, Grooves 7, Fan IF, B+ M6, Length 176.00
 A: 38.30 B: 18.00 C: 33.00 mm



116492 Alternator 14 V, 120 Amp
 Replacing: 100211-6310, 101211-7640
 Servicing: Jaguar
 Pulley SP, Grooves 5, Fan IF, B+ M8, Length 187.00
 A: 90.00 B: 58.00 mm

NEW PRODUCT
www.hc-cargo.com

116494* Alternator 14 V, 80 Amp
 Replacing: 104210-8040
 Servicing: Toyota
 Grooves 7, B+ M6



116499 Alternator 14 V, 100 Amp
 Replacing: 100210-4560, 100210-4561
 Servicing: Jeep
 Pulley SP, Grooves 8, Fan IF, B+ M6, Length 255.00
 A: 147.50 B: 74.50 mm



116504 Alternator 14 V, 100 Amp

Replacing: 104211-3000, 104211-3001, 104211-3002, 104211-3130

Servicing: Toyota

Pulley SP/FW, Grooves 6, Fan IF, B+ M6, Length 167.00

A: 48.00 B: 20.00 C: 43.00 mm



116509 Alternator 14 V, 80 Amp

Replacing: 104210-8200, 104210-8201, 104210-8202

Servicing: Daihatsu, Toyota

Pulley SP, Grooves 6, Fan IF, B+ M6, Length 158.00

A: 48.00 B: 27.00 C: 39.50 mm



116528 Alternator 14 V, 55 Amp

Replacing: 101211-8950, 101211-8951, 101211-8952, 101211-8953

Servicing: Kubota

Pulley P, Grooves 1, B+ M6, Length 158.00

A: 41.50 B: 21.50 mm



116581 Alternator 14 V, 100 Amp

Replacing: 104211-3010, 104211-3011, 104211-3012

Servicing: Toyota

Pulley SP/FW, Grooves 6, Fan IF, B+ M6, Length 190.00

A: 30.20 B: 19.00 C: 35.50 mm



116590 Alternator 14 V, 105 Amp

Replacing: 104210-1540

Servicing: Honda, Honda (Dongfeng), Honda (GAC)

Pulley SP, Grooves 6, Fan IF, B+ M6, Length 158.00

A: 46.00 B: 20.00 C: 38.00 mm



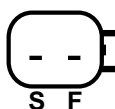
116597 Alternator 14 V, 180 Amp

Replacing: 104210-6360, 104210-6361

Servicing: Jaguar, Land Rover

Pulley FW, Grooves 6, Fan IF, B+ M8, Length 189.00

A: 43.00 C: 44.50 mm



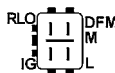
116599 Alternator 14 V, 150 Amp

Replacing: 421000-0770

Servicing: Chrysler, Dodge, Lancia

Pulley SP/FW, Grooves 6, Fan IF, B+ M8

A: 51.00 B: 63.00 C: 50.50 mm



NEW PRODUCT
www.hc-cargo.com



116622 Alternator 14 V, 180 Amp

Replacing: 104210-6721

Servicing: BMW, Mini

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 180.50

A: 58.50 C: 75.50 mm



NEW PRODUCT
www.hc-cargo.com

116627 Alternator 14 V, 140 Amp

Replacing: 104211-8380

Servicing: VW

Pulley SP/FW, Grooves 6, Fan IF



116637 Alternator 14 V, 130 Amp

Replacing: 104210-1872, 104210-3420, 104210-3421, 104210-3422, 104210-3423, 104210-5450, 104210-5451

Servicing: Toyota

Pulley SP/FW, Grooves 7, B+ M6, Length 175.00

A: 97.50 B: 60.00 mm

NEW PRODUCT
www.hc-cargo.com

116639 Alternator 14 V, 180 Amp

Replacing: 104210-6480, 104210-6481, 104210-6482

Servicing: Land Rover

Grooves 6, B+ M8, Length 212.00

A: 23.00 B: 50.00 C: 47.00 mm

NEW PRODUCT

www.hc-cargo.com

116643 Alternator 14 V, 150 Amp
Replacing: 104211-8040, 104211-8280
Servicing: Honda

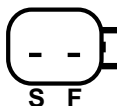


116649 Alternator 14 V, 150 Amp
Replacing: 104210-1200
Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 200.00
A: 51.50 mm



NEW PRODUCT
www.hc-cargo.com

116658 Alternator 14 V, 130 Amp
Replacing: 104210-5890
Servicing: Honda
Pulley SP, Grooves 7



116659 Alternator 14 V, 160 Amp
Replacing: 421000-0470, 421000-0500
Servicing: Dodge, Jeep
Pulley SP, Grooves 6, B+ M8, Length 161.50
A: 26.30 B: 12.00 C: 67.40 mm



NEW PRODUCT
www.hc-cargo.com

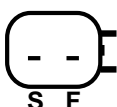
116660 Alternator 14 V, 150 Amp
Replacing: 104210-3180
Servicing: Renault
Pulley SP/FW, Grooves 6



NEW PRODUCT

www.hc-cargo.com

116661 Alternator 14 V, 100 Amp
Replacing: 104210-3740
Servicing: Mini
Pulley SP, Grooves 7



116662 Alternator 14 V, 160 Amp
Replacing: 421000-0750
Servicing: Chrysler, Dodge, Jeep
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 193.00
A: 54.00 B: 57.50 C: 49.00 mm



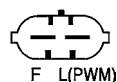
NEW PRODUCT
www.hc-cargo.com

116663 Alternator 14 V, 150 Amp
Replacing: 104210-2810
Servicing: Land Rover
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 171.00
A: 22.00 B: 49.80 C: 47.00 mm



NEW PRODUCT
www.hc-cargo.com

116664* Alternator 14 V, 100 Amp
Replacing: 104210-5610
Servicing: Toyota
Pulley SP/FW, Grooves 7, Fan IF



NEW PRODUCT
www.hc-cargo.com

116665 Alternator 14 V, 150 Amp
Replacing: 104210-2170
Servicing: Cadillac, Opel, Saab
Pulley SP/FW, Grooves 6



NEW PRODUCT

www.hc-cargo.com

116666* Alternator 14 V, 160 Amp
Replacing: 104211-8320
Servicing: Jeep
Pulley SP/FW, Grooves 6



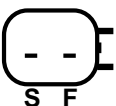
NEW PRODUCT
www.hc-cargo.com

116667* Alternator 14 V, 130 Amp
Replacing: 104210-1180
Servicing: Suzuki
Pulley SP/FW, Grooves 7



NEW PRODUCT
www.hc-cargo.com

116668 Alternator 14 V, 210 Amp
Replacing: 104210-6250, 104210-6251
Servicing: BMW
Pulley SP/FW, Grooves 8, Fan IF



116669 Alternator 14 V, 180 Amp
Replacing: 421000-7040, 421000-7041
Servicing: Jeep
Pulley SP/FW, Grooves 6, B+ M8, Length 200.00
A: 54.50 B: 60.50 C: 49.50 mm



NEW PRODUCT
www.hc-cargo.com

116670 Alternator 14 V, 210 Amp
Replacing: 104210-6070, 104210-6071, 104210-6072
Servicing: BMW



NEW PRODUCT

www.hc-cargo.com

116671* Alternator 14 V, 220 Amp

Replacing: 104210-6280

Servicing: Land Rover

NEW PRODUCT

www.hc-cargo.com

116697* Alternator 14 V, 80 Amp

Replacing: 104210-9820, 104210-9821

Servicing: Toyota

Pulley SP, Grooves 6



116715 Alternator 14 V, 160 Amp

Replacing: 421000-0540, 421000-0541, 421000-0542, 421000-0560, 421000-0700

Servicing: Chrysler, Jeep, VW

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 157.00

A: 32.00 B: 14.00 C: 60.00 mm



NEW PRODUCT

www.hc-cargo.com

116726 Alternator 14 V, 80 Amp

Replacing: 104210-9240

Servicing: Toyota

Pulley SP, Grooves 6

NEW PRODUCT

www.hc-cargo.com

116727* Alternator 14 V, 210 Amp

Replacing: 104210-6981, 104210-6982, 104210-6983

Servicing: BMW

Pulley SP, Grooves 6

NEW PRODUCT

www.hc-cargo.com

116735* Alternator 14 V, 180 Amp

Replacing: 104210-6730, 104210-6731

Servicing: BMW

Pulley SP, Grooves 6

NEW PRODUCT

www.hc-cargo.com

116761* Alternator 14 V, 150 Amp

Replacing: 104211-9830

Servicing: Fiat, Jeep

Grooves 6



NEW PRODUCT

www.hc-cargo.com

116765 Alternator 14 V, 130 Amp

Replacing: 104210-4980

Servicing: Toyota

Pulley SP/FW, Grooves 7, Fan IF, B+ M6, Length 175.00

A: 35.00 B: 18.00 C: 46.00 mm



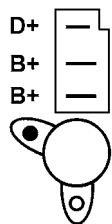
116767 Alternator 14 V, 130 Amp

Replacing: 104210-4690

Servicing: Acura, Honda

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 162.00

A: 85.00 B: 47.00 mm



110178 5★ Alternator 14 V, 36 Amp

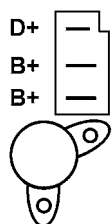
Manufacturer: Lucas

Replacing: 516011

Servicing: Ford, Austin, Land Rover, Triumph, MG, Morris, Talbot, Vauxhall, Plymouth, Jensen, Lotus, Bedford, Case, Massey Ferguson, New Holland

Pulley w/o, B+ 9.40, Length 164.00
For pulley w/ 17.00 mm bore use bushing:
HC-CARGO 134894.

B: 10.00 C: 87.00 mm



110358 Alternator 14 V, 55 Amp

Replacing: 516055

Servicing: Mercedes, Seat, Mercedes-Benz
Pulley P, Grooves 1, Fan EF, B+ Plug,
Length 162.50

A: 77.50 B: 56.00 mm



110743 Alternator 14 V, 30 Amp

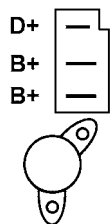
Replacing: 451003, 7522, 7532, 7534, 7536, 7542

Servicing: Citroen

Pulley P, Grooves 1, B+ M6,
Length 155.00

Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm



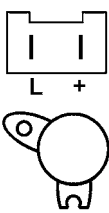
110913 Alternator 14 V, 70 Amp

Replacing: 510018

Servicing: Audi, VW, Skoda

Terminal W, Pulley w/o, B+ 9.40

B: 56.00 mm



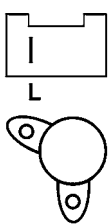
111071 Alternator 14 V, 75 Amp

Replacing: 451068, 516013, 516013A, 516013B, 516013BC, 516013C, 516015, 516015A

Servicing: Citroen, Peugeot

Pulley P, Grooves 1, B+ M6,
Length 172.00

A: 61.85 B: 35.90 C: 53.00 mm



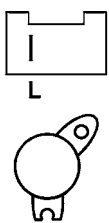
111075 Alternator 14 V, 55 Amp

Replacing: 512010, 516039, 516051

Servicing: Citroen, Peugeot, Talbot, Vauxhall

Pulley P, Grooves 1, Fan EF, B+ M6,
Length 161.50

A: 59.50 B: 40.00 mm



111076 Alternator 14 V, 50 Amp

Replacing: 516043

Servicing: Citroen, Peugeot, Talbot, Opel

Pulley SP, Grooves 4, B+ M6,
Length 163.50

A: 46.35 B: 26.80 C: 66.00 mm



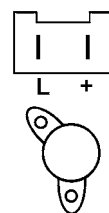
111078 Alternator 14 V, 45 Amp

Replacing: 516032

Servicing: Fiat, Seat, Lancia, Autobianchi, Zastava

Pulley P, Grooves 1, B+ M6,
Length 169.00

A: 53.25 B: 23.50 mm



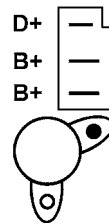
111082 Alternator 14 V, 60 Amp

Replacing: 516062, 516064, 516074

Servicing: Renault

Pulley P, Grooves 1, B+ M6,
Length 178.25

A: 100.95 B: 56.00 mm



111086 5★ Alternator 14 V, 65 Amp

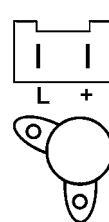
Manufacturer: Mahle Letrika

Replacing: 516027

Servicing: Ford, Austin, Rover, MG, Mercury, Renault/Suzuki

Pulley P, Grooves 1, B+ Plug,
Length 170.00

A: 34.60 B: 10.80 C: 81.00 mm



112728 Alternator 14 V, 55 Amp

Replacing: 516053A, 516058

Servicing: Renault

Pulley P, Grooves 1, B+ M6,
Length 176.00

A: 102.00 B: 56.00 mm



112768 Alternator 14 V, 55 Amp

Replacing: 451013

Servicing: Alfa Romeo, Goldline, Fiat, Goldoni

Terminal W, Pulley P, Grooves 1,
B+ M6, Length 172.00

A: 47.00 B: 15.00 C: 70.00 mm



110348 Alternator 14 V, 55 Amp

Replacing: A125-09, A125-55S

Servicing: Lada

Pulley P, Grooves 1, B+ M6,
Length 162.00

A: 45.00 B: 19.60 C: 63.00 mm



110350 Alternator 14 V, 44 Amp

Replacing: A124-15, A124-44S

Servicing: Lada, Fiat

Pulley P, Grooves 1, B+ M6,
Length 166.00

A: 46.50 B: 19.50 C: 60.50 mm



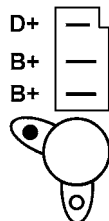
110611 Alternator 14 V, 55 Amp

Replacing: 3370000, A124N

Servicing: Fiat, Allis Chalmers, Seat

Pulley P, Grooves 1, B+ M6,
Length 175.00

A: 48.00 B: 17.00 C: 65.00 mm



110968 Alternator 14 V, 70 Amp

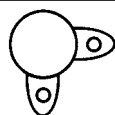
Replacing: ALT2N-14

Servicing: Austin, Rover, Nissan MG, Case,
Dronningborg, Ford, Mercedes-Benz, Valtra

Pulley P, Grooves 1, Fan EF, B+ M6,
Length 167.00

Pulley distance is ok from 34.00 to 43.00
mm.

A: 34.00 B: 11.00 C: 82.00 mm



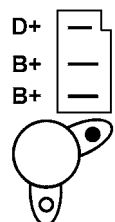
111036 Alternator 14 V, 45 Amp

Replacing: A125-45C

Servicing: Fiat, Lancia, Autobianchi

Pulley P, Grooves 1, B+ M6 HC-CARGO
111036 is w/o W-Terminal.

A: 56.80 B: 32.25 mm



111086 Alternator 14 V, 65 Amp

Manufacturer: Mahle Letrika

Replacing: A125-07, A155-55D

Servicing: Ford, Austin, Rover. MG, Mercury,
RenaultSuzuki

Pulley P, Grooves 1, B+ Plug,
Length 170.00

A: 34.60 B: 10.80 C: 81.00 mm



111148 Alternator 14 V, 65 Amp

Replacing: 283020.1, A125-65B

Servicing: Fiat, Lancia, Zastava, Autobianchi

Pulley P, Grooves 1, B+ M6,
Length 165.50

A: 52.25 B: 23.00 C: 73.00 mm



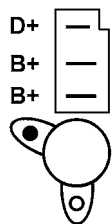
111687 Alternator 14 V, 55 Amp

Replacing: A125-55E, A125-55T

Servicing: Fiat

Pulley P, Grooves 1, B+ M6,
Length 174.00

A: 53.00 B: 23.50 mm



110178 5★ Alternator 14 V, 36 Amp

Manufacturer: Lucas

Replacing: ALP12N-2, ALT12N-11, ALT12N-14, ALT12N-39

Servicing: Ford, Austin, Land Rover, Triumph, MG, Morris, Talbot, Vauxhall, Plymouth, Jensen, Lotus, Bedford, Case, Massey Ferguson, New Holland

Pulley w/o, B+ 9.40, Length 164.00
For pulley w/ 17.00 mm bore use bushing:
HC-CARGO 134894.

B: 10.00 C: 87.00 mm



110348 Alternator 14 V, 55 Amp

Replacing: ALS12N-82

Servicing: Lada

Pulley P, Grooves 1, B+ M6,
Length 162.00

A: 45.00 B: 19.60 C: 63.00 mm



110350 Alternator 14 V, 44 Amp

Replacing: ALS12-81

Servicing: Lada, Fiat

Pulley P, Grooves 1, B+ M6,
Length 166.00

A: 46.50 B: 19.50 C: 60.50 mm



110611 Alternator 14 V, 55 Amp

Replacing: ALB40-68, ALB40-86

Servicing: Fiat, Allis Chalmers, Seat

Pulley P, Grooves 1, B+ M6,
Length 175.00

A: 48.00 B: 17.00 C: 65.00 mm



110743 Alternator 14 V, 30 Amp

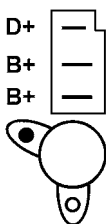
Replacing: ALD12N-53, ALN12-1

Servicing: Citroen

Pulley P, Grooves 1, B+ M6,
Length 155.00

Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm



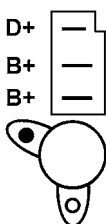
110759 Alternator 14 V, 35 Amp

Replacing: ALP12N-12

Servicing: Ford, Iveco, Austin, Mercury

Pulley P, Grooves 1, Fan EF, B+ 9.40,
Length 160.00

A: 36.00 B: 10.50 C: 79.00 mm



110968 Alternator 14 V, 70 Amp

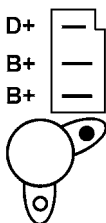
Replacing: ALF12-18, ALT12N-13, ALT12N-2

Servicing: Austin, Rover, Nissan MG, Case, Dronningborg, Ford, Mercedes-Benz, Valtra

Pulley P, Grooves 1, Fan EF, B+ M6,
Length 167.00

Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 11.00 C: 82.00 mm



110969 Alternator 14 V, 65 Amp

Replacing: ALP12N-1

Servicing: Land Rover, Mazda, Various Agriculture Vehicles

Pulley P, Grooves 1, B+ M6,
Length 167.50

A: 38.00 B: 11.00 C: 82.00 mm



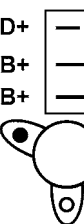
111078 Alternator 14 V, 45 Amp

Replacing: ALP12N-20, ALP12N-24

Servicing: Fiat, Seat, Lancia, Autobianchi, Zastava

Pulley P, Grooves 1, B+ M6,
Length 169.00

A: 53.25 B: 23.50 mm



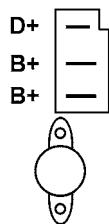
111289 Alternator 14 V, 70 Amp

Replacing: ALS12N-51, ALS12N-72, ALS12N-75, ALT12N39

Servicing: Ford, Austin, Rover, Land Rover, MG, Massey Ferguson, Morris, CaseCummins, Dronningborg, New Holland

Terminal W, Pulley P, Grooves 1,
Fan EF, B+ 9.40, Length 175.00

A: 35.00 B: 12.50 C: 80.00 mm



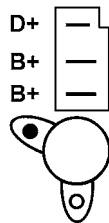
110107 Alternator 14 V, 55 Amp
 Replacing: 1005396, 96AB10300ADA
 Servicing: Massey Ferguson
 Pulley P, Fan EF, B+ Plug, Length 165.00



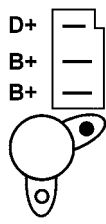
110116 Alternator 28 V, 35 Amp
 Replacing: 1612498, 82DB10346AA, 82DB-10346CA, 92DB10346AA, R82DB10346AA
 Servicing: DAF, MAN, Ford
 Terminal W, Pulley w/o, B+ M8, Length 180.00
 B: 80.00 mm



110133 Alternator 14 V, 35 Amp
 Replacing: D47Z10346A, GLE105A
 Servicing: Mazda
 Pulley P, Grooves 1, B+ M5, Length 155.00
 Regulator: HC-CARGO 130615, 6 pins.
 Regulator: HC-CARGO 130616, 6+1 pins.
 A: 42.00 B: 12.50 C: 80.50 mm



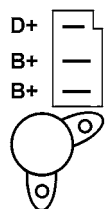
110178 5★ Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 1504563, 1537179, 5003896, 5003897, 5007058, 5007063, 69EB10346AD, 74DB10436A, 76BB10300EA
 Servicing: Ford, Austin, Land Rover, Triumph, MG, Morris, Talbot, Vauxhall, Plymouth, Jensen, Lotus, Bedford, Case, Massey Ferguson, New Holland
 Pulley w/o, B+ 9.40, Length 164.00
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 10.00 C: 87.00 mm



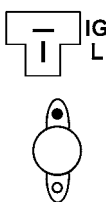
110179 5★ Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 5010554, 708F10346AA, 82FH10300AA, 86AB10300DA, 86BB10300DB
 Servicing: Ford, Land Rover, Triumph, Vauxhall, Lotus, Jaguar, Mercury, Bedford, Case, LDV International
 Pulley w/o, B+ 9.40, Length 162.00
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 9.75 C: 88.00 mm



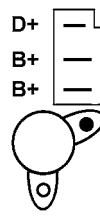
110237 Alternator 14 V, 60 Amp
 Replacing: D0HF10300D, D0HF10300DA, D0SF10300A, D20F10300CA, D20F10300CB, D20F10300DB, D20F10300EB
 Servicing: American Motors, Ford, Jeep, Lincoln, Mercury
 Pulley P, Grooves 1, B+ 1/4" UNC
 Replacing: 1G series. Regulator: HC-CARGO 130506.
 A: 101.00 B: 76.25 mm



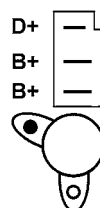
110358 Alternator 14 V, 55 Amp
 Replacing: 3C2411000CA, 6W1T11000AA, F75UAC
 Servicing: Mercedes, Seat, Mercedes-Benz
 Pulley P, Grooves 1, Fan EF, B+ Plug, Length 162.50
 A: 77.50 B: 56.00 mm



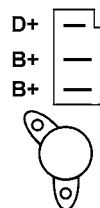
110385 Alternator 14 V, 40 Amp
 Replacing: 3C2411000AA, 3C2Z11002AA, E9SFBA
 Servicing: Suzuki, Bedford, Sabaru
 Pulley P, Grooves 1, B+ M6, Length 144.00
 A: 41.00 B: 15.00 C: 66.00 mm



110607 Alternator 14 V, 70 Amp
 Replacing: 1658022, 1658023, 5026716, 5026721, 5026728, 6983801, 864F10K659GC, 884F10K359A, 884F10K359AA
 Servicing: Ford
 Pulley SP, Grooves 4, B+ M6, Length 201.50
 A: 33.70 B: 11.30 C: 83.00 mm



110759 Alternator 14 V, 35 Amp
 Replacing: 1485513, 1485514, 1507007, 1553527, 1553627, 1571383, 448206, 5003657, 6021771, 6078188, 6120990
 Servicing: Ford, Iveco, Austin, Mercury
 Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 160.00
 A: 36.00 B: 10.50 C: 79.00 mm



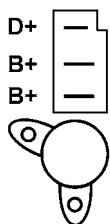
110770 Alternator 14 V, 55 Amp
 Replacing: 1005349, 1406058, 86VB10300A2, 86VB10300A2A, 86VB10300AA, 873F10300BA, 91FF10300VA, R86AX10300DB
 Servicing: Austin, Rover, MG, LDV International, Massey Ferguson, Vauxhall, Bobcat, Caterpillar, Ford, Gehl, Hako, Ingersoll-Rand, JCB, Komatsu, Manitou, Terex, Thwaites
 Terminal W, Pulley w/o, B+ Plug, Length 166.00
 B: 12.00 C: 82.00 mm



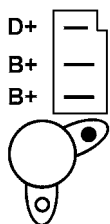
110891 Alternator 14 V, 70 Amp
 Replacing: 1005351, 1406052, 5016015, 5021177, 5023531, 5026103, 5026113, 5026114, 5026141, 5026775, 6136954
 Servicing: Ford, Land Rover, MG
 Terminal W, Pulley w/o, B+ M6, Length 169.00
 B: 11.30 C: 83.00 mm



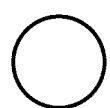
110911 Alternator 14 V, 55 Amp
Replacing: 5004379, A78SX10346AA
Servicing: Audi, Saab, VW, Peugeot
Pulley P, Grooves 1, B+ M6, Length 171.00
A: 77.64 **B:** 56.00 mm



110975 Alternator 14 V, 65 Amp
Replacing: 1565485, 733F10300AA, 733F10300AB
Servicing: VW, Audi, Various Agriculture Vehicles
Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.00
A: 82.85 **B:** 56.25 mm



111086 Alternator 14 V, 65 Amp
Manufacturer: Mahle Letrika
Replacing: 1406042, 1553520, 1553526, 1553528, 1560493, 1569099, 1610115, 3240528, 5003895, 5007074, 5007074Y
Servicing: Ford, Austin, Rover, MG, Mercury, RenaultSuzuki
Pulley P, Grooves 1, B+ Plug, Length 170.00
A: 34.60 **B:** 10.80 **C:** 81.00 mm



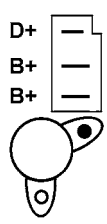
111096 Alternator 14 V, 51 Amp
Replacing: 76BB10300GA
Servicing: VW
Pulley w/o, B+ M6, Length 261.00



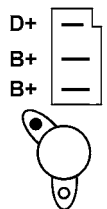
111146 Alternator 28 V, 55 Amp
Replacing: 1596677, 1612497, 6143717, 81DB10346BB, 82DB10346BA, R81DB10346BA, R81DB10346BB, R81DB10346EA
Servicing: DAF, Ford, MAN
Terminal W, Pulley w/o, B+ M8, Length 187.50, Insulated return No B: 80.00 mm



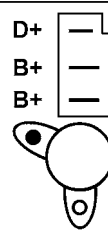
111176 Alternator 14 V, 75 Amp
Replacing: 1659058, 5024361, 5026142, 5026718, 5027845, 5027847, 5029628, 5029923, 6189556, 6199409
Servicing: Ford, Land Rover, LDV
Terminal W, Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50
A: 35.50 **B:** 11.25 **C:** 81.65 mm



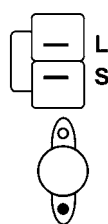
111184 Alternator 14 V, 43 Amp
Replacing: 5010556
Servicing: Ford, Vauxhall, Land Rover, Triumph, Massey Ferguson
Pulley w/o, Length 186.00
For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
B: 9.85 **C:** 87.00 mm



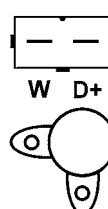
111185 Alternator 14 V, 43 Amp
Replacing: 5010555, 703F10346AA, 71BB10300AA, D2000E10346A
Servicing: Austin, Rover, Land Rover, Ford, Vauxhall, MG, Morris, Lotus, Triumph, Case, Jaguar, LDV, Massey Ferguson
Pulley w/o, Length 169.50 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
B: 9.80 **C:** 88.00 mm



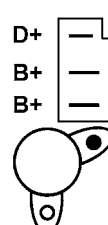
111289 Alternator 14 V, 70 Amp
Replacing: 1005269, 1005370, 1406045, 1553523, 1571101, 1571389, 1610117, 1627156, 5003898, 5003902, 5003903
Servicing: Ford, Austin, Rover, Land Rover, MG, Massey Ferguson, Morris, CaseCummins, Dronningborg, New Holland
Terminal W, Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 175.00
A: 35.00 **B:** 12.50 **C:** 80.00 mm



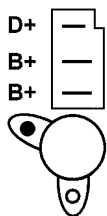
111317 Alternator 14 V, 80 Amp
Replacing: 3465426
Servicing: Ford, Mazda, Kia
Pulley SP, Grooves 4, Fan IF, B+ M8, Length 164.00
A: 38.50 **B:** 13.20 **C:** 67.00 mm



111353 Alternator 14 V, 70 Amp
Replacing: 95VW10300BAA, 95VW10300FA
Servicing: Seat, VW, Ford, Skoda, Audi
Pulley SP, Grooves 6, B+ M8, Length 187.00
A: 39.50 **B:** 14.00 **C:** 61.00 mm



111356 Alternator 14 V, 55 Amp
Replacing: 10050396, 6181359, 89FF10300AA, 89FF10300AB, 89FF10300AC, 89FF10300BB, 89FF10300GA, 89FF10300GB
Servicing: FordRover, Various Agriculture Vehicles
Terminal W, Pulley SP, Grooves 3, B+ 9.40
A: 43.00 **B:** 10.80 **C:** 81.00 mm



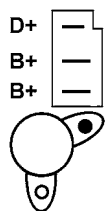
111362 Alternator 14 V, 55 Amp

Replacing: 1005308, 1610118, 5008989, 5026096, 6136282, 6136946, 82FB10300BA, 82FB10300BB, 82FB10300EA

Servicing: Ford, Land Rover, Rover, MG, Austin, ValmetCummins, Massey Ferguson, New Holland, Valtra

Terminal W, Pulley P, Grooves 1, B+ Plug, Length 165.50

A: 34.50 B: 11.00 C: 81.00 mm



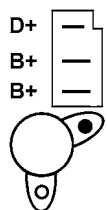
111364 Alternator 14 V, 55 Amp

Replacing: 1005270, 1005348, 5011974, 5021175, 5022265, 5023528, 5023529, 5026107, 5026112, 6159272

Servicing: Ford, Rover

Terminal W, Pulley P, Grooves 1, B+ M6-6.30, Length 166.00

A: 35.50 B: 12.50 C: 81.00 mm



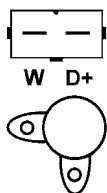
111368 Alternator 14 V, 70 Amp

Replacing: 5026726, R87VX10300AB, RV-87VG10300AB, RV87VX10300AB, V87VG10300AA, V87VG10300AB, V87VG10300AE

Servicing: Ford

Terminal W, Pulley P, Grooves 1, Length 166.50

A: 34.90 B: 12.00 C: 82.60 mm



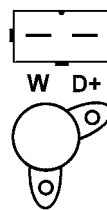
111477 Alternator 14 V, 90 Amp

Replacing: 1031896, 1406089, 7203201, 95VW10300AAA, 95VW10300NA, 95VW10300RA, R95VW10300NA

Servicing: VW, Seat, Ford, Skoda

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 187.00

A: 40.00 B: 13.50 C: 59.00 mm



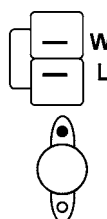
111479 Alternator 14 V, 90 Amp

Replacing: 95VW10300LA

Servicing: Seat, VW

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 185.00

A: 39.00 B: 14.00 C: 59.00 mm



111515 Alternator 14 V, 70 Amp

Replacing: 5L8TAC

Servicing: Opel, Vauxhall, AC, Isuzu

Pulley P, Grooves 1, B+ M8, Length 215.00

A: 42.50 B: 13.00 C: 78.50 mm



111623 Alternator 14 V, 70 Amp

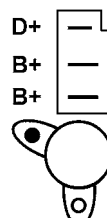
Replacing: 1668894, 5027848, 5029902, 5029904, 7197314, 7302659, 894X10300AA, 894X10300AE, 924F10300AA

Servicing: Ford

Terminal W, Pulley SP, Grooves 4, B+ M6, Length 201.50

Alternative no.: 115890

A: 33.00 B: 11.80 C: 83.40 mm



111739 Alternator 14 V, 55 Amp

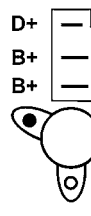
Replacing: F0NN10B376AB

Servicing: Ford, New Holland

Terminal BS/W, Pulley w/o, B+ M6, Length 167.00

w/ battery sensor terminal.

B: 11.40 C: 82.30 mm



111740 Alternator 14 V, 70 Amp

Replacing: E4NN10B376AA, E4NN10B376AB, E7NN10B376AA, E7NN10B376AB, E7NN10B-376BA, E7NN10B376BB

Servicing: Ford, Land Rover

Terminal BS/W, Pulley P, Grooves 1, B+ M6, Length 167.00

w/ battery temp. sensor terminal. Make sure battery temp. sensor circuit is present, for correct function !!

A: 36.00 B: 11.00 C: 82.70 mm



111742 Alternator 14 V, 70 Amp

Replacing: 5027810, 5027848, 924F10300AB, 924F10K359AA, 924F10K359AB, 924FX10K359, 924FX10K359AA, 924X10300AB

Servicing: Ford

Terminal W, Pulley SP, Grooves 4, B+ M6, Length 258.50

A: 34.00 B: 12.00 C: 83.00 mm



111795 Alternator 14 V, 80 Amp

Replacing: 1073090, 1090085, 1097305, 1111967, 1144197, 1215771, 1301511, 1361258, 98AB10300GC, 98AB10300GD

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 164.00

A: 12.50 B: 72.00 C: 53.00 mm



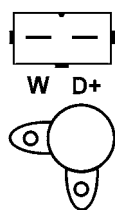
111797 Alternator 14 V, 95 Amp

Replacing: 1017500, 1086299, 1450953, 98VB10K359AB, 98VB10K359BA, 98VB-10K359BB, 98VB10K359BC, 98VP10K359BA

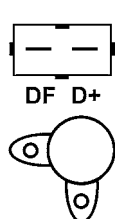
Servicing: Ford

Terminal W, Pulley SP, Grooves 4, B+ M8, Length 243.00

A: 34.00 B: 13.30 C: 81.00 mm



111820 Alternator 14 V, 90 Amp
 Replacing: 95VW10300JA
 Servicing: Skoda, Audi, VW
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 185.40
 A: 39.50 B: 14.00 C: 59.00 mm



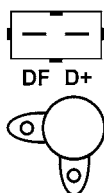
111828 Alternator 14 V, 120 Amp
 Replacing: 1076005, 97VW10300EA
 Servicing: VW, Seat, VolvoFord
 Pulley SP/FW, Grooves 6, B+ M8, Length 200.00
 A: 40.50 B: 14.10 C: 59.00 mm



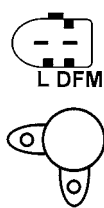
111980 Alternator 14 V, 70 Amp
 Replacing: 1959007
 Servicing: Nissan, Ford
 Pulley P, Grooves 1, B+ M8, Length 179.00 No W terminal.
 A: 42.00 B: 13.00 C: 80.90 mm



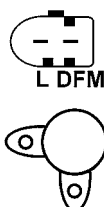
111987 Alternator 28 V, 55 Amp
 Replacing: 94VB10300AA, 94VB10300BA
 Servicing: Iveco
 Terminal W, Pulley w/o, B+ M8, Length 178.00
 B: 17.00 C: 63.80 mm



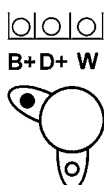
111988 Alternator 14 V, 120 Amp
 Replacing: 1012454, 1018818, 1031898, 1406086, 95VW10300ABA, R95VW10300ABA, R95VW10300PA
 Servicing: VW, Ford, Seat, Volvo
 Pulley SP, Grooves 6, B+ M8, Length 194.00
 A: 39.00 B: 13.90 C: 59.00 mm



112002 Alternator 14 V, 120 Amp
 Replacing: 1100712, 1110413, 1253624, 1366004, 1570655, 3M2110300BA, 4M2110300EA, 6M2110346AA, 98VW10300EA
 Servicing: Audi, Ford, Seat, Skoda, VW
 Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 180.00
 Alternative no.: 115483 ★
 A: 39.00 B: 14.50 C: 61.00 mm



112079 Alternator 14 V, 90 Amp
 Replacing: 1100711, 1253623, 1580264, 3M2110300AA, 6M2110346BA, 98VN10300CA, 98VW10300CA
 Servicing: VW, Ford, Audi, Seat, SkodaLinde
 Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
 Alternative no.: 114789 ★
 A: 39.00 B: 14.00 C: 61.00 mm



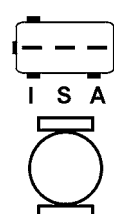
112121 Alternator 14 V, 70 Amp
 Replacing: 1001869, 1015821, 1032139, 1066047, 1066407, 1071383, 1107446, 1136152, 1406095, 95VW4A286BA
 Servicing: Ford, Mazda
 Terminal W, Pulley SP, Grooves 5, B+ M6, Length 178.00
 A: 33.00 B: 14.40 C: 55.50 mm



112142 Alternator 14 V, 90 Amp
 Replacing: 1079312, 1097306, 1126051, 1144182, 1151214, 1201206, 1215766, 1219711, 1221059, 1301377, 1301530
 Servicing: Ford
 Pulley w/o, B+ M6, Length 168.00
 B: 14.00 C: 63.20 mm



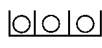
112143 Alternator 14 V, 80 Amp
 Replacing: 1070804, 1097304, 1126052, 1215770, 1301496, 1406099, 98AB10300DB, 98AB10300DC, 98AB10300DD
 Servicing: Ford, Lister
 Pulley SP, Grooves 6, B+ M6, Length 166.00
 A: 34.00 B: 13.80 C: 62.40 mm



112151 Alternator 14 V, 95 Amp
 Replacing: 1021397, 1024864, 1031134, 1032652, 1057793, 1090424, 1104987, 1406096, 5030178, 6729337, 7066376
 Servicing: Ford
 Terminal W, Pulley SP, Grooves 5, B+ M6, Length 158.50
 A: 46.00 B: 57.00 mm



112298 Alternator 14 V, 80 Amp
 Replacing: F6PU10300SA, F6PU10346SA
 Servicing: Citroen, Fiat, Peugeot
 Pulley SP, Grooves 6, B+ M8, Length 179.00
 A: 42.00 B: 26.10 C: 66.70 mm



B+ D+ W



112325 Alternator 14 V, 70 Amp

Replacing: 1053656, 1074633, 1107444, 1406074, 5026722, 5030589, 6694981, 7275998, 7352057, 91FF10300JA

Servicing: Ford

Terminal W, Pulley SP, Grooves 5, B+ M6, Length 170.00
D+ may be w/ M4.

A: 33.00 B: 14.20 C: 75.50 mm



B+ D+ W



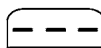
112718 Alternator 14 V, 100 Amp

Replacing: F0NN10B376BB, F0NN10B376CA, F2NN10B376AA

Servicing: Ford, New Holland

Terminal W, Pulley SP, Grooves 6, B+ M6, Length 189.00

A: 32.00 B: 14.00 C: 83.80 mm



A D I



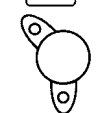
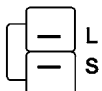
112942 Alternator 14 V, 130 Amp

Replacing: F5OU10300FA, F5OU10300FB, F5OU10300FC, F5OY10346A, F6OU10300AA, F6OU10300AB, F6OY10346AA

Servicing: Lincoln, Ford, Mercury

Pulley SP, Grooves 6, B+ M6, Length 132.00
Replacing: 4G series.

A: 49.50 B: 30.60 mm



112352 Alternator 14 V, 70 Amp

Replacing: 1449569, 3601014, 4344538, 6M3410300ABM3410300AAM3410300BA

Servicing: Ford, Mazda

Pulley DP, Grooves 2, B+ M8, Length 179.00

A: 42.00 B: 13.00 C: 65.00 mm



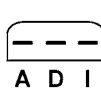
112747 Alternator 28 V, 55 Amp

Replacing: 1620918, 83DB10346AA

Servicing: Iveco, Renault, KHD, Ford, Deutz-Fahr

Terminal W, Pulley w/o, B+ M8, Length 177.00

B: 56.00 mm



112946 Alternator 14 V, 130 Amp

Replacing: 1L2210300AB, 1L2U10300AA, 1L2U10300AB, F77U10300AB, F77U10300AD, F77Z10346AB, GL363, GL423, GL423RM

Servicing: Ford, Mercury

Pulley SP, Grooves 6, B+ M6, Length 132.00
Replacing: 4G series.

A: 39.50 B: 55.50 C: 56.00 mm



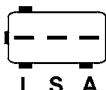
112680 Alternator 14 V, 70 Amp

Replacing: 1135453, 1406071, 5030656, 7355509, 95AB10300DA, 95AB10300DB, 95AB10300DC, 95AB10300DI

Servicing: Ford

Terminal W, Pulley SP, Grooves 6, B+ M6, Length 173.00

A: 33.50 B: 14.00 C: 80.00 mm



112939 Alternator 14 V, 130 Amp

Replacing: 1035755, 1104931, 1406092, 96BB10300AA, 96BB10300AB, 96BB10300BA, 96BB10300BB, 96BB10300BC

Servicing: Ford, Mercury

Pulley SP, Grooves 6, B+ M6, Length 169.00

Replacing: 3G series.

A: 49.00 B: 25.75 mm



112947 Alternator 14 V, 135 Amp

Replacing: F8AU10300AB, F8AU10300AC, F8AU10300AD, F8AZ10346AB, GL407

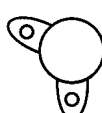
Servicing: Lincoln, Ford, Mercury

Pulley SP, Grooves 6, B+ M6, Length 164.00
Replacing: 6G series.

A: 49.35 B: 25.75 mm



B+ D+ W



112698 Alternator 14 V, 100 Amp

Replacing: 1058821, 1073049, 5030343, 7312901, 95GB10300LA, 95GB10300LB, 95GB10300MA, 95GB10300MB

Servicing: Ford, Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hyundai, Ingersoll-Rand, JCB

Terminal W, Pulley SP, Grooves 6, B+ M6, Length 178.00

A: 33.00 B: 14.10 C: 83.30 mm



112940# Alternator 14 V, 95 Amp

Replacing: F65U10300EA, F6PZ10346RA, F7UU10300AA, F7UU10300AB, GL372

Servicing: Ford

Pulley SP, Grooves 8, B+ M6, Length 175.00

Replacing: 3G series.

A: 48.50 B: 25.30 mm



112949 Alternator 14 V, 110 Amp

Replacing: F81U10300EB, F81Z10346EA, GL412, GL412RM

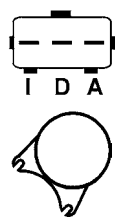
Servicing: Ford

Pulley SP, Grooves 8, B+ M6, Length 167.00

Replacing: 6G series.

A: 40.00 B: 55.00 C: 74.00 mm





112954 Alternator 14 V, 105 Amp

Replacing: GL424, GL424RMR3U10300AAR3U-10300ABR3U10300ACR3Z10346AA

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 165.00

Replacing: 6G series.

A: 50.00 B: 25.50 mm



112956 Alternator 14 V, 130 Amp

Replacing: GL426, GL426RMF2U10300BC-F2U10300BDF2U10300BEF2Z10346BA

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 161.00

Replacing: 6G series.

A: 39.50 B: 55.50 C: 74.00 mm



112958 Alternator 14 V, 110 Amp

Replacing: 1L8U10300AB, 1L8U10300AC, 1L8U10300BB, 1L8UAC, 1L8Z10346AB, 1S4110300AA, 1S41AA, 98AB10300EB

Servicing: Ford, Mazda

Pulley SP, Grooves 6, B+ M6, Length 165.00

Replacing: 6G series.

A: 34.50 B: 14.50 C: 63.00 mm



112959 Alternator 14 V, 110 Amp

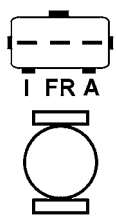
Replacing: 98AB10300FC, 98AZ10346FA, GL455, GL455RM

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 162.50

Replacing: 6G series.

A: 40.00 B: 55.00 C: 75.00 mm



112961 Alternator 14 V, 110 Amp

Replacing: 1127506, 1L8U10300CD, 1L8U-10300CE, 1L8U10300DD, 1L8U10300DE, 1L8UDE, 1L8Z10346CB, 5L8U10300AA

Servicing: Ford, Mazda

Pulley SP, Grooves 6, B+ M6, Length 163.00

Replacing: 6G series.

A: 40.50 B: 55.20 C: 74.00 mm



112993 Alternator 14 V, 130 Amp

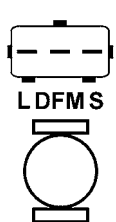
Replacing: F3HT10300AA, F3HT10300BA, F3HT10300CA, F3HT10300HB, F3HZ10346H, F4HT10300DA, F4HT10300EA

Servicing: Volvo, International, Ford, Cummins

Terminal W, Pulley w/o, B+ 1/4" UNF, Length 217.00

Replacing: 21SI. Negative grounding. One wire system. B+ 1/4". Shaft is 7/8 In = 22.255 mm.

B: 14.20 C: 101.50 mm



113285 Alternator 14 V, 75 Amp

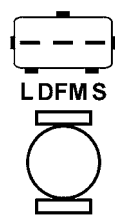
Replacing: 2C3U10300BB, 4069776, 4098414, 4332279, YC1T10300BB, YC1T10300BC, YC1T10300BD, YC1T10300BE

Servicing: Ford

Pulley SP/FW, Grooves 7, B+ M6, Length 218.50

w/ single pulley: HC-CARGO 113544.

A: 38.60 B: 55.25 C: 74.50 mm



113298 Alternator 14 V, 105 Amp

Replacing: 1450633, 1C1T10300AB, 1C1T10300AD, 1C1T10300AE, 1C1T10300AF, 2C1T10300AA, 2C1T10300AB, 4112235

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 179.50

A: 40.00 B: 56.00 C: 75.00 mm



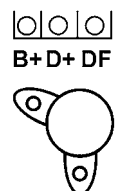
113376 Alternator 14 V, 55 Amp

Replacing: V701M10300BA

Servicing: Opel, Vauxhall, Lancia, Bedford, Fiat

Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.50

A: 76.60 B: 56.20 mm



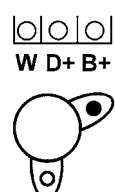
113447 Alternator 14 V, 70 Amp

Replacing: 1012870, 1018870, 1025545, 1036244, 96FB10300DA, 96FB10300DC, 96FB10300DD, 96FB10300DE

Servicing: Ford, Mazda

Pulley SP, Grooves 6, B+ M6, Length 171.00

A: 32.50 B: 13.40 C: 78.50 mm



113529 Alternator 14 V, 120 Amp

Replacing: 82014508

Servicing: Ford, New Holland

Terminal W, Pulley P, Grooves 8, B+ M6, Length 204.40

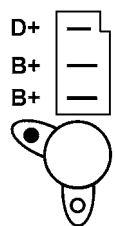
A: 33.00 B: 14.10 C: 83.30 mm



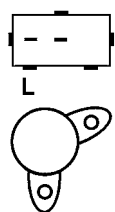
113535 Alternator 14 V, 85 Amp
 Replacing: 1535437, 1673521, 9S5110346BA, 9S5110346BB
 Servicing: Fiat, Lancia, Ford
 Pulley SP, Grooves 5, Fan IF, B+ M8, Length 184.50
 A: 16.30 B: 24.20 C: 51.00 mm



113562 Alternator 14 V, 40 Amp
 Replacing: SBA185046320
 Servicing: Ford, New Holland
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 160.00
 A: 42.00 B: 12.90 C: 81.50 mm



113574 Alternator 14 V, 65 Amp
 Replacing: 1595276, 6173461, 81DB10300BA, 81DB10300BB
 Servicing: Case, Valmet, Ford, New Holland, Valtra
 Terminal W, Pulley P, Grooves 1, B+ Plug, Length 177.50
 A: 36.85 B: 10.40 C: 83.00 mm



113599# Alternator 14 V, 80 Amp
 Replacing: 1128296, YS1610300CC, YS6110300CA, YS6110300CB, YS6110300CC
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M6, Length 181.00
 A: 33.20 B: 16.70 C: 53.90 mm



113621 Alternator 14 V, 115 Amp
 Replacing: 1C1T10300BB, 4170444
 Servicing: Ford, New Holland
 Pulley SP, Grooves 6, B+ M6, Length 186.00
 A: 34.00 B: 14.10 C: 83.35 mm



113708 Alternator 14 V, 115 Amp
 Replacing: 1120213, 1140694, 1151213, 1191213, 1464782, 1478119, 1S7T10300CA, 1S7T10300CB, 1S7T10300CC
 Servicing: Ford
 Pulley SP/FW, Grooves 6, B+ M6, Length 166.00
 A: 41.00 B: 55.00 C: 74.00 mm



113709 Alternator 14 V, 115 Amp
 Replacing: 1120211, 1124015, 1131820, 1140696, 1151212, 1211891, 1464779, 1478608, 1S7T10300BA, 1S7T10300BB
 Servicing: Ford, Jaguar
 Pulley SP, Grooves 6, B+ M6
 A: 41.00 B: 55.00 C: 74.00 mm



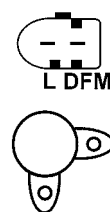
113710 Alternator 14 V, 125 Amp
 Replacing: 1229421, 1376671, 1429688, 1429689, 1464784, 1464785, 1465173, 1477971, 1477972, 1478187, 1762859
 Servicing: Ford
 Pulley w/o, B+ M6
 B: 14.00 C: 69.00 mm



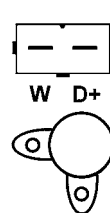
113849 5★ Alternator 14 V, 150 Amp
 Manufacturer: Denso
 Replacing: 1229259, 1255711, 1477738, 1676843, 1704085, 1708322, 1748630, 1757315, 3M5T10300YA, 3M5T10300YB
 Servicing: Ford, Mazda, Volvo
 Pulley SP/FW, Grooves 6, B+ M8, Length 164.50
 Alternative no.: 116294
 A: 42.50 B: 21.00 C: 45.00 mm



113883 Alternator 14 V, 90 Amp
 Replacing: 1145715, 1464755, 1479818, 1763861, 2S6T10300FA, 2S6T10300FB, 2S6T10300FC, 2S6TFA, 2S6TFB
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M6, Length 165.50
 A: 39.60 B: 54.80 C: 74.00 mm



113884 Alternator 14 V, 150 Amp
 Replacing: 1118206, 1188206, 1580265, 6M2110346CA, YM2110300CA
 Servicing: Ford, Seat, VW, Dodge, Jeep, Mitsubishi
 Pulley SP/FW, Grooves 6, B+ M8, Length 201.50
 A: 39.00 B: 14.35 C: 59.00 mm



113885 Alternator 14 V, 150 Amp
 Replacing: 1012459, 7361233, 95VW10300SA, R95VW10300SA
 Servicing: Audi, Ford, Mercedes-Benz, Seat, VW
 Terminal W, Pulley SP, Grooves 7, B+ M8, Length 208.50
 A: 42.85 B: 14.15 C: 61.00 mm



113912 Alternator 14 V, 80 Amp

Manufacturer: Visteon

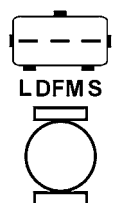
Replacing: 1140135, 1303447, 1464756, 1464788, 1477856, 1477859, 1545138, 1763590, 1857698, 256T10300AA

Servicing: Ford, Ford USA, Mazda

Pulley SP/FW, Grooves 6, B+ M8, Length 151.00

Alternative no.: 116362

A: 42.50 B: 21.00 C: 45.00 mm



113913 Alternator 14 V, 110 Amp

Replacing: 2C1T10300BA, 2C1T10300BB, 4362258, 4461712, YC1U10300BC, YC1U10300EA, YC1U10300EB, YC1U10300EC

Servicing: Ford

Pulley SP/FW, Grooves 7, Fan IF, B+ M6, Length 196.40

A: 40.00 B: 55.00 C: 74.00 mm



113920 Alternator 28 V, 35 Amp

Replacing: 1021198

Servicing: Ford, MAN, Mercedes-Benz, Nissan, Padane

Terminal W, Pulley w/o, B+ M8, Length 176.00
B: 80.40 mm



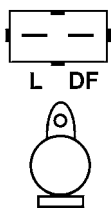
113922 Alternator 14 V, 120 Amp

Replacing: 1229258, 1255712, 1477737, 1676842, 1692417, 1707062, 31288154, 3M5T10300PA, 3M5T10300PB

Servicing: Ford, Mazda, Volvo

Pulley SP/FW, Grooves 6, B+ M8, Length 170.00

A: 43.00 B: 22.00 C: 45.00 mm



113952 Alternator 14 V, 70 Amp

Replacing: 1088304, 1098747, 1122238, 98MF10300CA, 98MF10300CB, 98MF10300CC

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 159.00

A: 11.00 B: 72.00 C: 52.00 mm



113958 Alternator 14 V, 150 Amp

Replacing: 1374171, 1404791, 1572736, 1581842, 1581843, 1712779, 1747021, 1762862, 2097253, 6C1J10300AA

Servicing: Citroen, Fiat, Ford, Peugeot

Pulley SP/FW, Grooves 6, B+ M8

Alternative no.: 115499

A: 43.00 B: 92.80 C: 74.00 mm



113978 Alternator 14 V, 120 Amp

Replacing: 1256552, 1406100, 1530299, 1748625, 3M5T10300VA, 3M5T10300VB, 3M5T10300VC, 3M5T10300VD

Servicing: Ford, Volvo

Pulley SP/FW, Grooves 6, Fan IF, B+ M8

A: 75.00 B: 72.00 C: 68.80 mm



114009 Alternator 14 V, 105 Amp

Replacing: 1305962, 1322573, 1361259, 1426014, 1511220, 1708472, 1748637, 3N1110300AA, 3N1110300AB

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 160.00

A: 10.00 B: 72.00 C: 52.00 mm



114064 Alternator 14 V, 150 Amp

Replacing: 1372737, 1404792, 1581844, 1730987, 1747017, 1791837, 2097255, 6C1J10300CA, 6C1T10300CA

Servicing: Ford, Land Rover

Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 185.00

A: 42.50 B: 93.00 C: 74.00 mm



114065 Alternator 14 V, 120 Amp

Replacing: 1322879, 1530298, 3M5T10300LA, 3M5T10300LB, 3M5T10300LC, 3M5T10300LD

Servicing: Ford

Pulley SP, Grooves 6, B+ M8, Length 165.00

A: 75.00 B: 72.00 C: 68.50 mm



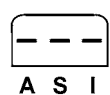
114083 Alternator 14 V, 150 Amp

Replacing: 1633079, 3M5T10300NB, 3M5T10300NC

Servicing: Volvo

Pulley SP/FW, Grooves 6, B+ M8, Length 180.00

A: 75.00 B: 72.00 C: 68.00 mm



114120 Alternator 14 V, 75 Amp

Replacing: F8RU10300BA

Servicing: Ford, Mazda

Terminal W, Pulley DP, Grooves 2, B+ M6

A: 41.50 B: 13.00 C: 68.00 mm



114128 Alternator 14 V, 150 Amp

Replacing: 1140136, 1485762, 1519795, 2S6T10300BA, 2S6T10300BB, 2S6T10300BC, 5190803

Servicing: Ford, Mazda

Pulley SP/FW, Grooves 6, Fan IF, B+ M8
A: 42.50 B: 21.00 C: 45.00 mm



114129 Alternator 14 V, 90 Amp

Replacing: 1140138, 1140139, 1436603, 1478281, 1592234, 2S6T10300CB, 2S6T10300CD, 2S6T10300DA, 2S6T10300DB

Servicing: Ford, Mazda

Pulley SP, Grooves 6, B+ M6, Length 160.00

A: 11.00 B: 72.00 C: 52.00 mm



114157 Alternator 14 V, 120 Amp

Replacing: 1374082, 1684865, 3M5T10300JA, 3M5T10300JB, 3M5T10300JC, 3M5T10300JD

Servicing: Ford

Pulley SP/FW, Grooves 5, B+ M8, Length 170.00

A: 73.20 B: 38.20 C: 90.00 mm



114248 Alternator 14 V, 150 Amp

Replacing: 1352431, 1477740, 1708383, 4M5T10300UA, 4M5T10300UB, 4M5T10300UC, 4M5T10300UD

Servicing: Ford

Pulley w/o, B+ M8, Length 153.00
B: 14.00 C: 52.00 mm



114250 Alternator 14 V, 120 Amp

Replacing: 1302007, 1677167, 1757293, 4M5T10300KA, 4M5T10300KB, RM4M5T-10300KB

Servicing: Ford

Pulley w/o, B+ M8, Length 155.00, Insulated return No

B: 17.20 C: 52.20 mm



114462 Alternator 14 V, 70 Amp

Replacing: 1535436, 1673520, 9S5110346AB

Servicing: Fiat, Alfa Romeo, Ford, Lancia

Pulley SP, Grooves 4, B+ M8

A: 68.10 B: 32.50 mm



114706 Alternator 14 V, 120 Amp

Replacing: 1719539, BS5110346BA

Servicing: Fiat, Ford, Lancia

Pulley SP, Grooves 5, B+ M8, Length 185.00

A: 16.00 B: 24.00 C: 50.00 mm



114724 Alternator 14 V, 150 Amp

Replacing: 1506300, 1685793, 1704769, 1707065, 1857696, 2032603, 2260730, 31285659, 8V2110300BB, 9G9N10300CA

Servicing: Ford, Mazda, Volvo

Pulley SP/FW, Grooves 6, B+ M8, Length 170.00

A: 42.90 B: 21.00 C: 46.50 mm



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114756* Alternator 14 V, 180 Amp

Replacing: 6G9N10300MA

Servicing: Volvo

Pulley w/o, B+ M8, Length 171.00

B: 77.00 C: 36.00 mm



114757 5★ Alternator 14 V, 120 Amp

Manufacturer: Valeo

Replacing: 1319014, 2S7T10300BA, 2S7T10300BB, 2S7T10300BC

Servicing: Ford

Pulley SP/FW, Grooves 6, B+ M8, Length 174.00

Alternative no.: 116350*

A: 40.00 B: 55.50 C: 74.00 mm



114804 Alternator 14 V, 105 Amp

Replacing: 1464564, 1496231, 4M5T10300LA, 4M5T10300LB, 4M5T10300LC, 4M5T10300LD

Servicing: Ford

Pulley w/o, B+ M8

B: 14.50 C: 52.00 mm



114805 5★ Alternator 14 V, 150 Amp

Manufacturer: Valeo

Replacing: 1678607, 1678608, 1711969, 1857695, 2073241, AG9T10300AA, AG9T-10300CA

Servicing: Ford

Pulley SP/FW, Grooves 6, B+ M8, Length 190.00

Alternative no.: 116296

A: 42.50 B: 21.00 C: 45.00 mm



114810 Alternator 14 V, 150 Amp
 Replacing: 3M5T10300SC, 3M5T10300SD
 Servicing: Volvo
 Pulley SP/FW, Grooves 5, B+ M8
 A: 33.50 B: 33.00 C: 91.50 mm



114866 Alternator 14 V, 120 Amp
 Replacing: 1506299, 8V2110300AB
 Servicing: Ford, Mazda
 Pulley SP/FW, Grooves 6, B+ M8, Length 186.00
 A: 42.00 B: 21.00 C: 45.70 mm



114883 Alternator 14 V, 120 Amp
 Replacing: 1469714, 1685794, 1698214, 1871861, 2265722, 7G9N10300CA, 7G9N10300CC, AV6N10300HA
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M8, Length 177.30
 A: 10.50 B: 72.40 C: 52.60 mm



114898 Alternator 14 V, 150 Amp
 Replacing: 1420869, 1420871, 1490845, 1757316, 2099451, 6G9J10300UA, 6G9N10300TC, 6G9N10300TD, 6G9N10300UA
 Servicing: Ford
 B+ M8
 A: 80.00 B: 14.50 C: 51.50 mm



115365 Alternator 14 V, 150 Amp
 Replacing: 1458640, 1791840, 2099465, 7G9J10300EA, 7G9N10300EA, 7GN10300EA
 Servicing: Ford, Volvo
 Pulley SP/FW, Grooves 6, B+ M8, Length 182.00
 A: 42.50 B: 21.20 C: 46.70 mm



115412 Alternator 14 V, 180 Amp
 Replacing: 6G9N10300JB, 6G9N10300JD
 Servicing: Volvo
 Pulley SP/FW, Grooves 5, B+ M8, Length 194.00
 A: 61.00 B: 32.00 C: 92.00 mm



115417 Alternator 14 V, 150 Amp
 Replacing: 1379699, 1388002, 1469391, 1790382, 2099469, 6G9N10300ABA, 6G9N10300ABB, 6G9N10300ABC
 Servicing: Ford
 Pulley SP/FW, Grooves 6, B+ M8
 A: 40.00 B: 70.00 C: 74.00 mm



115434 Alternator 14 V, 150 Amp
 Replacing: 1379701, 1388004, 1425016, 2099442, 6G9J10300HA, 6G9N10300HA, 6G9N10300HB, 6G9N10300HC, 6G9N10300HD
 Servicing: Ford, Volvo
 Pulley SP/FW, Grooves 5, B+ M8, Length 190.00
 A: 61.00 B: 31.50 C: 91.00 mm



115456 Alternator 14 V, 150 Amp
 Replacing: 1764816, 1940809, CV6T10300BC, CV6T10300BE, D2BT10300AA
 Servicing: Ford
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 177.00
 A: 42.50 B: 22.00 C: 31.00 mm



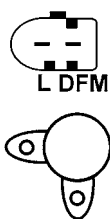
115459 Alternator 14 V, 120 Amp
 Replacing: 1685791, 1704768, 1757296, 1889286, 1889305, 1904972, 2251619, AV6N10300DA, AV6N10300DB
 Servicing: Ford
 Pulley SP/FW, Grooves 6, B+ M8, Length 186.00, Insulated return No
 A: 43.00 B: 21.00 C: 45.00 mm



115460[#] Alternator 14 V, 160 Amp
 Replacing: 3M5T10300FA, 3M5T10300GA, 8666580
 Servicing: Ford, Mazda, Volvo
 Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
 A: 42.00 B: 21.00 C: 45.00 mm



115461 Alternator 14 V, 150 Amp
 Replacing: 1745661, 1797966, 1874992, 1889371, 2073243, BK2T10300BB, CC1T-10300BA, CC1T10300BB, CC1T10300BC
 Servicing: Citroen, Ford, Peugeot
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 184.00
 Alternative no.: 116061
 A: 43.20 B: 97.00 C: 73.75 mm



115483 Alternator 14 V, 120 Amp
 Replacing: Bosch
 Replacing: EGL1314
 Servicing: Audi, Chrysler, Ford, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 190.00
 Alternative no.: 112002
 A: 39.00 B: 14.50 C: 60.00 mm



115543 Alternator 14 V, 90 Amp
 Replacing: 1229424, 1450644, 1718577,
 355T10300AA, 355T10300AB, 355T10300AC
 Servicing: Ford
 Pulley SP, Grooves 6, Fan IF, B+ M6,
 Length 171.00
 A: 41.00 B: 55.00 C: 74.00 mm



115544 Alternator 14 V, 150 Amp
 Replacing: 1435647, 1455494, 1790385, 2099447,
 6G9J10300ADA, 6G9N10300ADA, 6G9N10300ADB
 Servicing: Ford, Land Rover
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 184.00
 A: 42.50 B: 21.00 C: 46.00 mm



115576 Alternator 14 V, 150 Amp
 Replacing: 1738113, 1745662, 1800123,
 1874995, 1889372, CC1T10300CA,
 CC1T10300CB, CC1T10300CC, CC1T10300CD
 Servicing: Ford
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 199.00
 A: 43.50 B: 97.00 C: 74.00 mm



115601 Alternator 14 V, 120 Amp
 Replacing: 1352858, 1353886, 1543764,
 3M5T10300KA, 3M5T10300KB, 3M5T10300KC
 Servicing: Ford, Volvo
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 157.00
 A: 11.00 B: 72.00 C: 49.50 mm



115606 Alternator 14 V, 150 Amp
 Replacing: 1541451, 2099471, 6M5J10300SA,
 6M5T10300SA, AM5T10300SA
 Servicing: Changan Ford Mazda, Ford, Volvo
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 170.00
 A: 34.00 B: 33.00 C: 91.00 mm



115615 Alternator 14 V, 105 Amp
 Replacing: 1705484, 9S5110346HA
 Servicing: Fiat
 Pulley SP, Grooves 5, Fan IF, B+ M8,
 Length 183.00
 A: 17.00 C: 50.00 mm



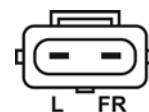
115620 Alternator 14 V, 105 Amp
 Replacing: 1719535, BS5110346AA
 Servicing: Alfa Romeo, Fiat, Lancia
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 195.00
 A: 68.50 B: 32.00 mm



115659 Alternator 14 V, 80 Amp
 Replacing: 1451865, 1486810, 1718576,
 4S5T10300AA, 4S5T10300AB, 4S5T10300AC
 Servicing: Ford
 Pulley SP, Grooves 6, Fan IF, B+ M6,
 Length 164.00
 A: 39.50 B: 55.00 C: 51.00 mm



115671 Alternator 14 V, 180 Amp
 Replacing: 6G9N10300YC
 Servicing: Land Rover, Volvo
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 185.00
 A: 43.00 B: 21.00 C: 47.00 mm



115700 Alternator 14 V, 150 Amp
 Replacing: 30667051A, 3M5T10300UA
 Servicing: Volvo
 Pulley SP/FW, Grooves 5, Fan IF,
 B+ M8, Length 172.00
 A: 34.00 B: 33.00 C: 91.00 mm



115720 Alternator 14 V, 150 Amp
 Replacing: 8X2310300CB
 Servicing: Jaguar
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 198.00
 A: 22.00 B: 50.00 C: 47.50 mm



115750 Alternator 14 V, 150 Amp
 Replacing: 1387219, 1535294, 3M5T10300XC, 3M5T10300XD
 Servicing: Ford, Ford Australia
 Pulley SP, Grooves 6, B+ M8, Length 176.80
 A: 74.60 B: 72.00 C: 68.30 mm



115762 Alternator 14 V, 90 Amp
 Replacing: 1126499, 1144185, 1306851, 1342191, YS4D10300AB, YS4D10300AC, YS4D10300AE, YS4D10300AF, YS4D10300AG
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M6, Length 161.00
 A: 11.00 B: 72.10 C: 49.50 mm



115787 Alternator 14 V, 120 Amp
 Replacing: 1X4310300CB
 Servicing: Jaguar
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 202.00
 A: 97.00 B: 58.00 mm



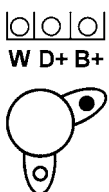
115788 Alternator 14 V, 120 Amp
 Replacing: 1X4310300BD
 Servicing: Jaguar
 Pulley SP, Grooves 6, B+ M8, Length 197.00
 A: 97.00 B: 58.00 mm



115789 Alternator 14 V, 120 Amp
 Replacing: XR8310300BAR8310300BC
 Servicing: Jaguar
 Pulley SP, Grooves 6, Fan IF, B+ M8
 A: 40.00 C: 74.00 mm



115847 Alternator 14 V, 150 Amp
 Replacing: 1379700, 1388003, 1469400, 2099437, 6G9J10300DA, 6G9N10300DA, 6G9N10300DB, 6G9N10300DC, 6G9N10300DD
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M8, Length 164.00
 A: 40.80 B: 70.00 C: 74.00 mm



115890 ★ Alternator 14 V, 70 Amp
 Manufacturer: Lucas
 Replacing: 1668894, 5027848, 5029902, 7302659, 894X10300AE, 924F10300AA, 924F10300AB, 924F10K359AA
 Servicing: Ford, Ford Australia
 Terminal W, Pulley w/o, Fan EF, B+ M6, Length 200.00
 Alternative no.: 111623
 B: 11.80 C: 81.50 mm



115908 Alternator 14 V, 150 Amp
 Replacing: 1682130, 2099467, 6G9N10300AA, 9G9J10300AA, 9G9N10300AA
 Servicing: Changan Volvo, Volvo
 Pulley SP/FW, Grooves 6, B+ M8, Length 199.00
 A: 55.00 B: 34.00 C: 58.00 mm



115933 Alternator 14 V, 150 Amp
 Replacing: 1764817, 1821291, CV6T10300DB, CV6T10300DC
 Servicing: Ford, Suzuki
 Pulley SP/FW, Grooves 6, B+ M8, Length 205.00
 A: 42.50 B: 21.50 C: 31.50 mm



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115958* Alternator 14 V, 110 Amp
 Replacing: 1151639, 1225784, 2S7T10300AA, 2S7T10300AB, 2S7T10300AC
 Servicing: Ford
 Pulley SP/FW, Grooves 6



115959 Alternator 14 V, 120 Amp
 Replacing: 1704925, BV6N10300AA
 Servicing: Ford
 Pulley SP/FW, Grooves 6, B+ M8, Length 186.50
 A: 11.50 B: 71.50 C: 51.00 mm



115966 Alternator 14 V, 150 Amp
 Replacing: 6G9N10300LA
 Servicing: Land Rover, Volvo
 Pulley FW, B+ M8, Length 170.00
 B: 77.00 C: 36.00 mm



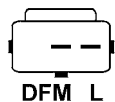
116007 Alternator 14 V, 150 Amp
 Replacing: AH2210300AB
 Servicing: Land Rover
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 178.00
 A: 22.50 B: 49.30 C: 47.50 mm

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116034* Alternator 14 V, 150 Amp
 Replacing: 4838679, 4844254, 4852388,
 5115806, 8S4T10300AA, 8S4T10300AC,
 8S4T10300AD, 8S4Z10346A
 Servicing: Ford, Ford USA, Mazda
 Pulley SP, Grooves 6



116056 Alternator 14 V, 150 Amp
 Replacing: 4R8310300AB
 Servicing: Jaguar
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 183.00
 A: 22.00 B: 50.00 C: 48.00 mm



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116058 Alternator 14 V, 110 Amp
 Replacing: 1231141, 3S7T10300AA
 Servicing: Ford
 Pulley SP/FW, Grooves 6, Fan IF



116061 5★ Alternator 14 V, 150 Amp
 Manufacturer: OE Branded
 Replacing: CC1T10300BA, CC1T10300BB,
 CC1T10300BC, CC1T10300BD
 Servicing: Citroen, Ford, Peugeot
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 184.00
 Alternative no.: 115461
 A: 43.20 B: 97.00 C: 73.75 mm



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116221* Alternator 14 V, 120 Amp
 Replacing: 1795985, CV6T10300AA, CV6T-
 10300FA
 Servicing: Ford
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 177.00
 A: 42.50 B: 21.50 C: 32.00 mm



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116222* Alternator 12 V, 120 Amp
 Replacing: 1781479, CV6T10300GA
 Servicing: Ford
 Pulley SP/FW, Grooves 6



116294 Alternator 14 V, 150 Amp
 Replacing: 1229259, 1255711, 1477738,
 1676843, 1704085, 1708322, 1748630,
 1757315, 3M5T10300YA, 3M5T10300YB
 Servicing: Ford, Mazda, Volvo
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 168.00
 Alternative no.: 113849 5★
 A: 42.50 B: 21.00 C: 45.00 mm



116296 Alternator 14 V, 150 Amp
 Replacing: 1678607, 1678608, AG9T10300AA,
 AG9T10300CA
 Servicing: Ford
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 190.00
 Alternative no.: 114805 5★
 A: 42.50 B: 21.00 C: 45.00 mm

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116350* Alternator 14 V, 120 Amp
 Replacing: 1319014, 2S7T10300BA,
 2S7T10300BB, 2S7T10300BC
 Servicing: Ford
 Alternative no.: 114757 5★



116362 Alternator 14 V, 80 Amp
 Replacing: 1140135, 1464756, 1464788,
 1477856, 1477859, 1545138, 2S6T10300AA,
 2S6T10300AB, 2S6T10300AC
 Servicing: Ford, Ford USA, Mazda
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8,
 Length 159.25, Insulated return No
 Alternative no.: 113912 5★
 A: 42.50 B: 21.50 C: 45.80 mm



116364 Alternator 14 V, 150 Amp
 Replacing: 1684713, AG9T10300BA, AG9T-
 10300DA
 Servicing: Ford
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 193.00
 A: 42.50 B: 21.00 C: 48.50 mm



116382 Alternator 14 V, 220 Amp
 Replacing: 1870356, DS7T10300FA, DS7T-10300FC
 Servicing: Ford
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 183.80, Insulated return No
 A: 48.40 B: 21.00 C: 47.20 mm



116393 Alternator 14 V, 150 Amp
 Replacing: 1762377, AV6N10300MB, AV6N-10300MD
 Servicing: Ford
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 193.50
 A: 43.00 B: 21.00 C: 45.00 mm



116408 Alternator 14 V, 210 Amp
 Replacing: EJ3210300AC
 Servicing: Land Rover
 Terminal Plug, Pulley SP/FW, Grooves 6, B+ M8, Length 183.00
 A: 42.80 B: 21.50 C: 44.50 mm



116441 Alternator 14 V, 150 Amp
 Replacing: 1376501, 1387927, 1762869, 1791839, 6G9N10300XA, 6G9N10300XB, 6G9N10300XC
 Servicing: Ford
 Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
 A: 42.90 B: 21.00 C: 46.50 mm



116546 Alternator 14 V, 110 Amp
 Replacing: 1916724, 5215796, 5287955, AB3910300AD, AB3910300AE, AB3910300AF, AB3910300AFFC, AB3910300AG
 Servicing: Ford, Ford Australia
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 180.00
 A: 43.00 B: 61.00 C: 74.00 mm



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116594 Alternator 14 V, 150 Amp
 Replacing: 1873207, 2261975, 2380380, FV4T10300MA, FV4T10300MC
 Servicing: Ford
 Pulley SP/FW, Grooves 6, Fan IF



116595 Alternator 14 V, 180 Amp
 Replacing: 1870357, DS7T10300KC, DS7T-10300KD
 Servicing: Ford
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 190.00
 A: 48.60 B: 21.60 C: 47.30 mm



116597 Alternator 14 V, 180 Amp
 Replacing: BJ3210300AC, BJ3210300AD
 Servicing: Jaguar, Land Rover
 Pulley FW, Grooves 6, Fan IF, B+ M8, Length 189.00
 A: 43.00 C: 44.50 mm

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116606* Alternator 14 V, 240 Amp
 Replacing: 2011354, 2161084, 2188081, 2451723, GK2T10300AC, GK2T10300AD, GK-2T10300AE, GK2T10300AF
 Servicing: Ford
 Grooves 6

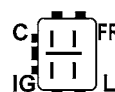
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116639 Alternator 14 V, 180 Amp
 Replacing: CPLA10300BD, CPLA-10300BD, CPLA10300BE, CPLA-10300BE
 Servicing: Land Rover
 Grooves 6, B+ M8, Length 212.00
 A: 23.00 B: 50.00 C: 47.00 mm



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116663 Alternator 14 V, 150 Amp
 Replacing: LR013843
 Servicing: Land Rover
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 171.00
 A: 22.00 B: 49.80 C: 47.00 mm

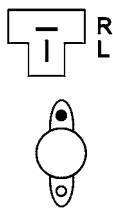


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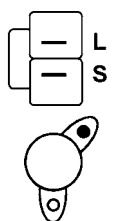
116671* Alternator 14 V, 220 Amp
 Replacing: BH4210300AC
 Servicing: Land Rover

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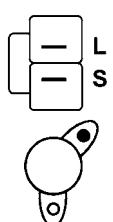
116782 Alternator 14 V, 210 Amp
 Replacing: 1820604, 1874997, BK3T10300EA, BK3T10300EB, BK3Z10346A
 Servicing: Ford
 Pulley SP/FW, Grooves 7



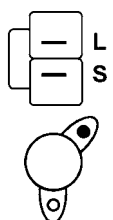
110706# Alternator 14 V, 60 Amp
 Replacing: HAD155500
 Servicing: Kia, Ford, Mazda
 Pulley P, Grooves 1, B+ M5,
 Length 247.00
 A: 49.70 B: 13.00 C: 80.00 mm



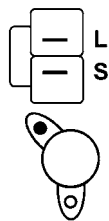
110802 Alternator 14 V, 75 Amp
 Replacing: HAB175120
 Servicing: Dodge, Eagle, Hyundai, Kia, Mit-
 subishi, Plymouth
 Pulley SP, Grooves 4, B+ M6,
 Length 159.50
 A: 35.00 B: 13.25 C: 77.60 mm



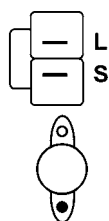
110804 Alternator 14 V, 90 Amp
 Replacing: HAB190120
 Servicing: Dodge, Eagle, Hyundai, Kia, Mit-
 subishi, Plymouth
 Pulley SP, Grooves 4, B+ M6,
 Length 160.00
 A: 35.00 B: 13.40 C: 77.40 mm



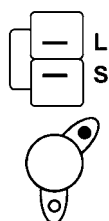
110806 Alternator 14 V, 65 Amp
 Replacing: HAD165500
 Servicing: Mitsubishi
 Pulley P, Grooves 1, B+ M6,
 Length 223.50
 A: 44.40 B: 12.80 C: 56.30 mm



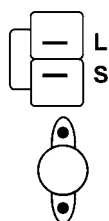
111309 Alternator 14 V, 75 Amp
 Replacing: HAB175200
 Servicing: Hyundai, Kia, Proton
 Pulley SP, Grooves 4, B+ M8,
 Length 169.00
 A: 36.20 B: 13.15 C: 56.00 mm



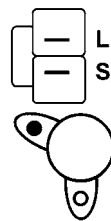
111317 Alternator 14 V, 80 Amp
 Replacing: HAB180101
 Servicing: Ford, Mazda, Kia
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 164.00
 A: 38.50 B: 13.20 C: 67.00 mm



111339 Alternator 14 V, 65 Amp
 Replacing: HAD165504
 Servicing: Mitsubishi
 Pulley P, Grooves 1, B+ M6,
 Length 275.00
 A: 44.50 B: 13.00 C: 54.00 mm



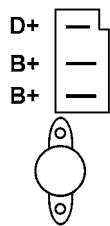
111342 Alternator 14 V, 60 Amp
 Replacing: HAB160102
 Servicing: Mazda
 Pulley P, Grooves 1, Fan IF, B+ M6,
 Length 156.00
 A: 43.00 B: 13.00 C: 66.00 mm



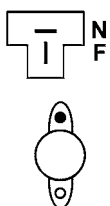
111405 Alternator 14 V, 90 Amp
 Replacing: HAB190140
 Servicing: Hyundai
 Pulley SP, Grooves 4, B+ M6,
 Length 160.00
 A: 35.00 B: 13.25 C: 55.45 mm



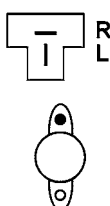
111406 Alternator 14 V, 110 Amp
 Replacing: HAB111100
 Servicing: Mtsubishi, Hyundai, Dodge, Mit-
 subishi
 Pulley SP, Grooves 6, B+ M6,
 Length 170.00
 A: 23.50 B: 17.25 C: 55.40 mm



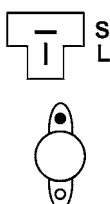
110107 Alternator 14 V, 55 Amp
Replacing: LR150-190, LR150-191
Servicing: Massey Ferguson
Pulley P, Fan EF, B+ Plug, Length 165.00



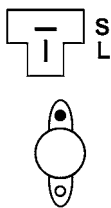
110128 Alternator 14 V, 35 Amp
Replacing: LT125-06, LT125-06B, LT125-65, LT130-72, LT130-72B, LT130-75, LT130-81, LT130-83, LT133-03
Servicing: Nissan, Chevrolet, Subaru, Komatsu, TCM
Pulley P, Grooves 1, Fan EF, B+ M5, Length 161.00
A: 42.00 B: 13.00 C: 80.50 mm



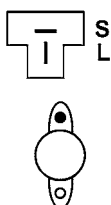
110134 Alternator 14 V, 55 Amp
Replacing: LR150-165
Servicing: Mazda
Pulley P, Grooves 1, B+ M5, Length 171.50
A: 41.00 B: 12.50 C: 80.50 mm



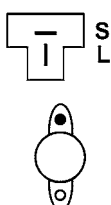
110168 Alternator 14 V, 50 Amp
Replacing: LR150-100, LR150-101, LR150-101B, LR150-125, LR150-125B, LR150-177, LR150-31, LR150-35, LR150-36
Servicing: Nissan
Pulley P, Grooves 1, B+ M5, Length 171.00
A: 42.50 B: 13.00 C: 81.00 mm



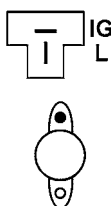
110264 Alternator 14 V, 40 Amp
Replacing: LR135-107, LR135-108, LR135-132, LR135-133, LR135-61, LR135-61B, LR135-70, LR135-70B, LR138-01
Servicing: Nissan
Pulley P, Grooves 1, B+ M5, Length 159.00
A: 41.50 B: 13.20 C: 80.20 mm



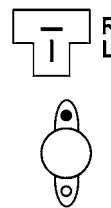
110267 Alternator 14 V, 55 Amp
Replacing: LR150-110, LR150-110C, LR155-15, LR155-15B, LR155-15C, LR155-17, LR155-18, LR155-25, LR160-137
Servicing: Sabaru
Pulley P, Grooves 1, B+ M5, Length 172.00
A: 42.00 B: 13.00 C: 81.00 mm



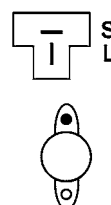
110307 Alternator 14 V, 60 Amp
Replacing: LR160-105, LR160-109C, LR160-116, LR160-120, LR160-121, LR160-124, LR160-74, LR160-77, LR160-78
Servicing: Nissan, Mazda
Pulley P, Grooves 1, B+ M5, Length 166.20
A: 42.50 B: 13.10 C: 80.40 mm



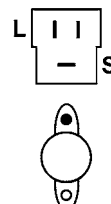
110385 Alternator 14 V, 40 Amp
Replacing: LR140-128
Servicing: Suzuki, Bedford, Sabaru
Pulley P, Grooves 1, B+ M6, Length 144.00
A: 41.00 B: 15.00 C: 66.00 mm



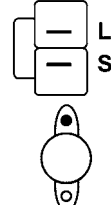
110448 Alternator 28 V, 20 Amp
Replacing: LR220-23, LR220-24
Servicing: Mitsubishi, Various Agriculture Vehicles
Terminal W, Pulley P, Grooves 1, B+ M5, Length 165.00
A: 44.50 B: 13.50 C: 81.30 mm



110458 Alternator 14 V, 60 Amp
Replacing: LR160-44, LR160-82, LR160-82B, LR160-84, LR160-84B
Servicing: Nissan
Terminal W, Pulley P, Grooves 1, B+ M5, Length 177.60
A: 43.00 B: 13.00 C: 80.00 mm

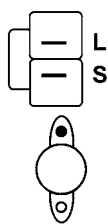


110567 Alternator 28 V, 25 Amp
Replacing: LR225-403, LR225-60, LR225-65, LR225-65B, LR225-65C, LR225-65E, LR225-65P, LR225-67, LR225-67B
Servicing: Nissan
Pulley DP, Grooves 2, B+ M6, Length 248.00
A: 42.10 B: 13.60 C: 81.10 mm



110631 Alternator 14 V, 70 Amp
Replacing: LR165-708, LR165-708B, LR165-708C, LR165-708E, LR170-738, LR170-738B, LR170-738C, LR170-738E
Servicing: Nissan
Pulley SP, Grooves 4, Fan IF, B+ M6, Length 160.00
A: 38.00 B: 24.85 C: 82.20 mm

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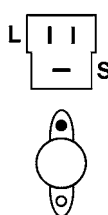

110632 Alternator 14 V, 65 Amp

Replating: LR165-707, LR165-707B

Servicing: Nissan

Pulley SP, Grooves 4, B+ M6,
Length 161.00

A: 38.00 B: 25.00 C: 81.00 mm


110694 Alternator 14 V, 40 Amp

Replating: LR140-119, LR140-119C, LR140-130, LR140-130B, LR140-130P, LR140-402, LR140-408

Servicing: Nissan

Pulley P, Grooves 1, B+ M6,
Length 226.00

A: 42.00 B: 13.10 C: 80.45 mm

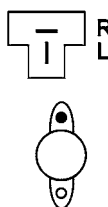

110697 Alternator 14 V, 50 Amp

Replating: LR150-136, LR150-136B, LR150-136C, LR150-136E, LR150-155, LR150-155B, LR150-201, LR150-201B

Servicing: Isuzu, Opel, Chevrolet

Pulley P, Grooves 1, B+ 9.30,
Length 270.00

A: 48.85 B: 13.25 C: 99.40 mm

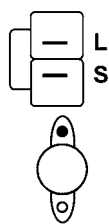

110699 Alternator 14 V, 50 Amp

Replating: LR150-407, LR150-410, LR150-410B, LR150-410C, LR150-410CA, LR150-410F, LR150-410G, LR150-419

Servicing: Ford, Mazda

Pulley P, Grooves 1, B+ M5,
Length 248.50

A: 50.90 B: 13.00 C: 80.25 mm

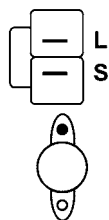

110700 Alternator 14 V, 50 Amp

Replating: LR150-428, LR150-428C, LR150-428E, LR150-428S, LR150-428T, LR150-443S, LR150-443T

Servicing: Nissan

Pulley DP, Grooves 2, B+ M6,
Length 248.00

A: 42.50 B: 13.00 C: 80.00 mm

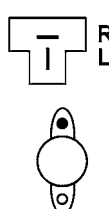

110701 Alternator 14 V, 50 Amp

Replating: LR150-430, LR150-430C, LR150-430S, LR150-430T, LR150-435, LR150-435S, LR150-435T

Servicing: Nissan

Pulley DP, Grooves 2, B+ M6,
Length 258.00

A: 41.80 B: 13.30 C: 80.50 mm

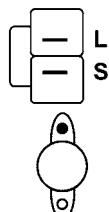

110706# Alternator 14 V, 60 Amp

Replating: LR155-16, LR155-414B, LR160-412, LR160-412B, LR160-412F, LR160-412G, LR160-412S, LR160-440

Servicing: Kia, Ford, Mazda

Pulley P, Grooves 1, B+ M5,
Length 247.00

A: 49.70 B: 13.00 C: 80.00 mm

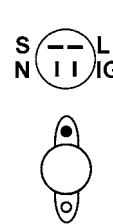

110707 Alternator 14 V, 60 Amp

Replating: LR160-422, LR160-422B

Servicing: Nissan

Pulley P, Grooves 1, B+ M5,
Length 244.00

A: 42.00 B: 13.25 C: 80.50 mm

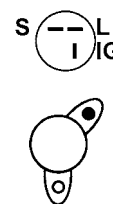

111186 Alternator 14 V, 70 Amp

Replating: LR170-420, LR170-420A, LR170-420B, LR170-427, LR170-427A, LR170-427B, LR170-427BA, LR170-427C

Servicing: Opel, Vauxhall

Pulley P, Grooves 1, B+ Plug,
Length 215.00

A: 42.00 B: 13.00 C: 78.20 mm

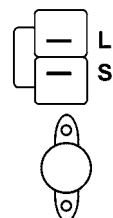

111267 Alternator 14 V, 50 Amp

Replating: LR140-426, LR140-427, LR140-433, LR140-433B, LR150-421, LR150-421C, LR150-434, LR150-434B

Servicing: Opel, Isuzu, Vauxhall

Pulley P, Grooves 1, B+ 9.30, Length 238.00

A: 49.00 B: 13.00 C: 81.50 mm

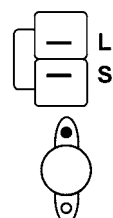

111294 Alternator 14 V, 70 Amp

Replating: LR170-417, LR170-417B, LR170-417C, LR170-417D, LR170-417E, LR170-417F, LR170-502, LR170-502B

Servicing: Nissan

Pulley P, Grooves 1, B+ M6,
Length 246.00

A: 41.65 B: 13.20 C: 80.50 mm

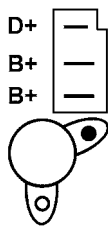

111316 Alternator 14 V, 60 Amp

Replating: LR160-426, LR160-426E, LR160-426S, LR160-426T, LR160-427, LR160-427C, LR160-427S, LR160-427T

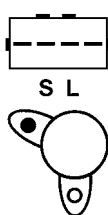
Servicing: Nissan

Pulley DP, Grooves 2, B+ M6,
Length 248.75

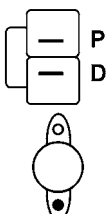
A: 42.00 B: 14.00 C: 81.15 mm



111364 Alternator 14 V, 55 Amp
 Replacing: LR150-189
 Servicing: Ford, Rover
 Terminal W, Pulley P, Grooves 1,
 B+ M6-6.30, Length 166.00
 A: 35.50 B: 12.50 C: 81.00 mm



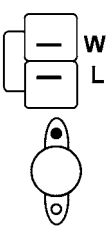
111381 Alternator 14 V, 110 Amp
 Replacing: LR1100-703, LR1100-703B,
 LR1100-711, LR1100-711B, LR1100-725,
 LR1100-725B, LR1100-725C, LR1110-705
 Servicing: Nissan, Infiniti, Toyota
 Pulley SP, Grooves 6, B+ M8,
 Length 183.50
 A: 38.40 B: 13.25 C: 80.50 mm



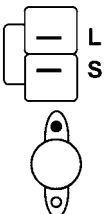
111384 Alternator 14 V, 70 Amp
 Replacing: LR170-758
 Servicing: Mazda, Kia
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 172.00
 ECU controlled.
 A: 37.65 B: 13.15 C: 67.35 mm



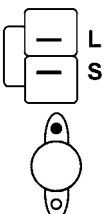
111493 Alternator 28 V, 25 Amp
 Replacing: LR225-408, LR225-408B, LR225-408C,
 LR225-408E, LR225-409, LR225-409B,
 LR225-409E
 Servicing: Isuzu
 Pulley P, Grooves 1, B+ 9.40,
 Length 236.00
 A: 45.50 B: 13.50 C: 80.70 mm



111515 Alternator 14 V, 70 Amp
 Replacing: LR170-505, LR170-505A, LR170-505B,
 LR170-505C, LR170-505D, LR170-505E,
 LR170-511, LR170-511A
 Servicing: Opel, Vauxhall, AC, Isuzu
 Pulley P, Grooves 1, B+ M8,
 Length 215.00
 A: 42.50 B: 13.00 C: 78.50 mm



111614 Alternator 28 V, 35 Amp
 Replacing: LR235-402, LR235-404, LR235-404C,
 LR235-404S, LR235-404T, LR235-405,
 LR235-405S, LR235-405T
 Servicing: Nissan
 Pulley DP, Grooves 2, B+ M5,
 Length 249.00
 A: 42.00 B: 13.50 C: 80.50 mm



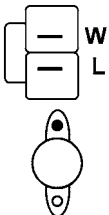
111704 Alternator 14 V, 70 Amp
 Replacing: LR165-711, LR165-711B, LR170-746,
 LR170-746B, LR170-746C, LR170-746E,
 LR170-746F, LR170-746G
 Servicing: Nissan
 Pulley SP, Grooves 4, B+ M8,
 Length 175.00
 A: 38.00 B: 13.00 C: 81.00 mm



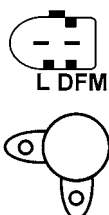
111767 Alternator 14 V, 80 Amp
 Replacing: LR180-501, LR180-501B, LR180-501C,
 LR180-504
 Servicing: Isuzu, Opel, Vauxhall
 Pulley P, Grooves 1, B+ M6,
 Length 245.00
 A: 49.00 B: 13.10 C: 82.20 mm



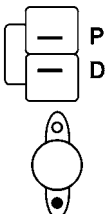
111803 Alternator 14 V, 60 Amp
 Replacing: S114-806A
 Servicing: Renault
 Pulley P, Grooves 1, B+ M6,
 Length 173.50
 A: 50.50 B: 26.00 mm



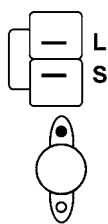
111831 Alternator 14 V, 100 Amp
 Replacing: LR1100-501, LR1100-501B
 Servicing: Opel
 Terminal W, Pulley P, Grooves 1,
 B+ M8, Length 213.00
 A: 42.00 B: 13.00 C: 77.00 mm



112002 Alternator 14 V, 120 Amp
 Replacing: LR1120-701
 Servicing: Audi, Ford, Seat, Skoda, VW
 Terminal W, Pulley SP/FW, Grooves 6,
 B+ M8, Length 180.00
 Alternative no.: 115483
 A: 39.00 B: 14.50 C: 61.00 mm



112067 Alternator 14 V, 80 Amp
 Replacing: LR180-766
 Servicing: Mazda
 Pulley SP, Grooves 4, B+ M8,
 Length 163.00
 A: 39.00 B: 13.50 C: 67.00 mm

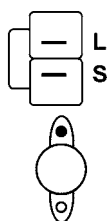

112086 Alternator 14 V, 60 Amp

Replacng: LR150-425, LR150-425B

Servicing: Nissan, Ford, Audi

Pulley P, Grooves 1, B+ M6,
Length 247.00

A: 42.00 B: 13.10 C: 80.40 mm

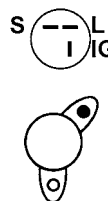

112093 Alternator 14 V, 70 Amp

Replacng: LR170-407, LR170-407B, LR170-407E, LR170-407S, LR170-407T, LR170-408, LR170-408B, LR170-408C

Servicing: Nissan

Pulley DP, Grooves 2, B+ M6,
Length 250.00

A: 41.50 B: 13.00 C: 80.00 mm

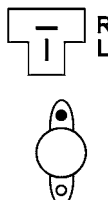

112228 Alternator 14 V, 60 Amp

Replacng: LR160-446, LR160-446B, LR160-446C, LR160-446E

Servicing: Isuzu, Opel, Vauxhall

Pulley P, Grooves 1, B+ M5-9.40,
Length 242.50

A: 48.00 B: 13.00 C: 80.50 mm

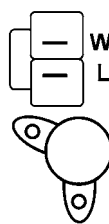

112270 Alternator 14 V, 35 Amp

Replacng: LR120-15C, LR135-105, LR135-115, LR135-116, LR135-118, LR135-124, LR135-126, LR135-127, LR135-128

Servicing: Mazda

Terminal W, Pulley P, Grooves 1,
B+ M5, Length 168.00

A: 41.85 B: 13.50 C: 81.65 mm

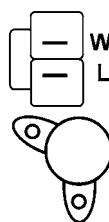

112271 Alternator 14 V, 100 Amp

Replacng: LR1100-502, LR1100-502A, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F

Servicing: Opel, Vauxhall, Honda

Terminal W, Pulley SP, Grooves 6,
Fan IF, B+ M8, Length 223.00

A: 36.00 B: 12.90 C: 66.10 mm

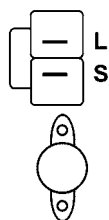

112272 Alternator 14 V, 70 Amp

Replacng: LR170-509, LR170-509A, LR170-509B, LR170-509C, LR170-509D, LR170-509E, LR170-509F, LR170-509G

Servicing: Opel, Vauxhall

Terminal W, Pulley SP, Grooves 6,
B+ M8, Length 225.00

A: 36.00 B: 13.50 C: 66.30 mm

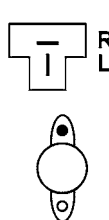

112351 Alternator 14 V, 90 Amp

Replacng: LR170-756, LR170-756B, LR190-734, LR190-734A, LR190-734B, LR190-734C, LR190-734D, LR190-734E

Servicing: Nissan

Pulley P, Grooves 1, B+ M8, Length 171.00

A: 42.00 B: 13.00 C: 81.00 mm

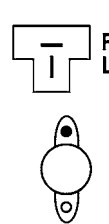

112375 Alternator 14 V, 80 Amp

Replacng: LR180-03, LR180-03A, LR180-03B, LR180-03C

Servicing: Yanmar

Terminal W, Pulley P, Grooves 1,
B+ M5, Length 167.00,
Insulated return Yes

A: 42.50 B: 13.15 C: 82.00 mm

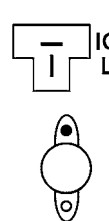

112477 Alternator 28 V, 25 Amp

Replacng: LR225-88

Servicing: Mercury

Pulley w/o, B+ M6, Length 185.00

B: 13.00 C: 84.00 mm

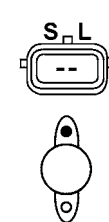

112671 Alternator 14 V, 60 Amp

Replacng: LR160-735B

Servicing: Yanmar

Pulley P, Grooves 1, B+ M6,
Length 168.00

A: 45.00 B: 13.00 C: 81.65 mm

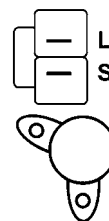

112673 Alternator 14 V, 70 Amp

Replacng: LR160-734, LR160-734B, LR170-760, LR170-767B

Servicing: Isuzu, Opel

Pulley DP, Grooves 2, B+ M6,
Length 167.50

A: 44.50 B: 13.00 C: 81.40 mm

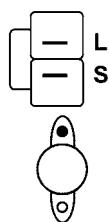

113316 Alternator 14 V, 110 Amp

Replacng: LR1110-713, LR1110-713B, LR1110-713C, LR1110-713V, LR1110-717, LR1110-717B

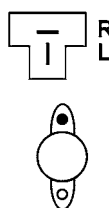
Servicing: Nissan

Pulley SP/FW, Grooves 6, B+ M8,
Length 184.00

A: 33.00 B: 12.95 C: 59.20 mm



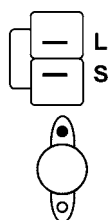
113317 Alternator 14 V, 80 Amp
Replacing: LR180-762, LR180-762B, LR180-762C, LR180-768, LR180-769, LR180-769B
Servicing: Nissan
Pulley SP, Grooves 6, B+ M8, Length 180.50
A: 38.20 B: 13.00 C: 80.90 mm



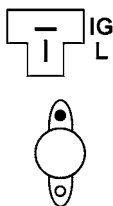
113347 Alternator 14 V, 20 Amp
Replacing: LR120-23
Servicing: Bobcat, Isuzu
Pulley P, Grooves 1, B+ M5, Length 162.00
A: 42.50 B: 14.50 C: 80.50 mm



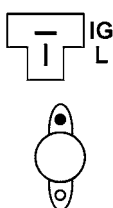
113376 Alternator 14 V, 55 Amp
Replacing: LR170-420A
Servicing: Opel, Vauxhall, Lancia, Bedford, Fiat
Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.50
A: 76.60 B: 56.20 mm



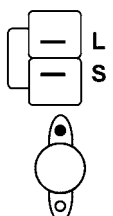
113383 Alternator 14 V, 60 Amp
Replacing: LR160-728, LR160-728B, LR160-728C, LR160-728E, LR160-728F
Servicing: Nissan
Pulley DP, Grooves 2, B+ M8, Length 181.00
A: 42.00 B: 12.80 C: 80.90 mm



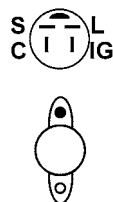
113401 Alternator 14 V, 40 Amp
Replacing: LR140-714, LR140-714B, LR140-716, LR140-719, LR140-721, LR140-721B, LR140-721C, LR140-721D
Servicing: John Deere, Yanmar, Caterpillar, Clark, Doosan, Ingersoll-Rand, Kubota, Massey Ferguson, Mitsubishi, Nissan, Terex
Terminal W, Pulley P, Grooves 1, B+ M6, Length 142.00
A: 41.50 B: 12.00 C: 67.20 mm



113418 Alternator 28 V, 25 Amp
Replacing: LR225-84, LR225-84T
Servicing: Nissan
Pulley DP, Grooves 2, B+ M5, Length 185.00
A: 42.85 B: 13.90 C: 81.40 mm



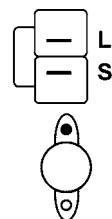
113440 Alternator 14 V, 100 Amp
Replacing: LR1100-724, LR1100-724B, LR1100-724C
Servicing: Nissan
Pulley P, Grooves 1, B+ M8, Length 166.00
A: 41.50 B: 13.20 C: 80.90 mm



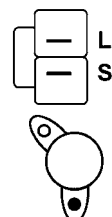
113563 Alternator 14 V, 90 Amp
Replacing: LR190-743
Servicing: Honda, Isuzu
Pulley SP, Grooves 6, B+ M8, Length 176.50
A: 89.50 B: 56.55 mm



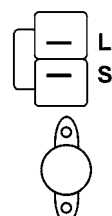
113697 Alternator 14 V, 65 Amp
Replacing: LR165-714, LR170-768
Servicing: Nissan
Pulley SP, Grooves 6, B+ M8, Length 158.00
A: 38.00 B: 24.50 C: 66.50 mm



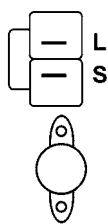
113698 Alternator 14 V, 90 Amp
Replacing: LR190-750, LR190-750B
Servicing: Opel, Isuzu
Pulley DP, Grooves 2, B+ M8, Length 185.30
A: 45.00 B: 13.00 C: 81.00 mm



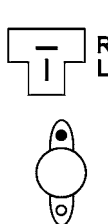
113785 Alternator 14 V, 80 Amp
Replacing: LR190-731, LR190-731B
Servicing: Mazda
Pulley DP, Grooves 2, B+ M8, Length 182.00
A: 41.50 B: 12.80 C: 64.00 mm



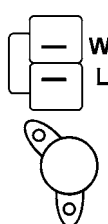
113787 Alternator 14 V, 90 Amp
Replacing: LR190-752, LR190-752B, LR190-752C, LR190-752H, LR190-770C
Servicing: Nissan
Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 191.00
A: 38.00 B: 13.00 C: 81.00 mm



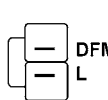
113788 Alternator 14 V, 80 Amp
 Replacing: LR180-749, LR180-749B, LR180-749C, LR180-749E
 Servicing: Nissan
 Pulley P, Grooves 1, B+ M8, Length 170.00
 A: 42.00 B: 12.80 C: 80.30 mm



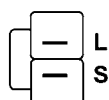
113793 Alternator 14 V, 55 Amp
 Replacing: LR155-20, LR155-20B, LR155-29
 Servicing: Yanmar
 Pulley P, Grooves 1, B+ M5, Length 184.00, Insulated return Yes
 A: 42.00 B: 13.00 C: 80.00 mm



113941 Alternator 14 V, 100 Amp
 Replacing: LR1100-503, LR1100-503A, LR1100-503B, LR1100-503C, LR1100-503D, LR1100-503E, LR1100-503F
 Servicing: Opel, Vauxhall
 Terminal W, Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 224.00
 A: 35.50 B: 13.00 C: 66.50 mm



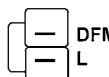
113956 Alternator 14 V, 100 Amp
 Replacing: LR1100-507, LR1100-507A, LR1100-507B, LR1100-507C, LR1100-507D, LR1100-507E, LR1100-508
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8, Length 233.00
 A: 35.30 B: 13.00 C: 65.50 mm



113993 Alternator 14 V, 135 Amp
 Replacing: LR1130-702, LR1130-702B, LR1130-702C, LR1130-702E
 Servicing: Nissan, Opel, Renault, Renault V.I., Vauxhall
 Pulley SP/FW, Grooves 7, B+ M8, Length 195.00
 A: 38.50 B: 13.00 C: 81.00 mm



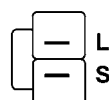
113997 Alternator 14 V, 40 Amp
 Replacing: LR140-707, LR140-708, LR140-708C
 Servicing: Honda
 B+ M6
 B: 14.80 mm



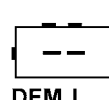
114121 Alternator 14 V, 110 Amp
 Replacing: LR1110-502, LR1110-502A, LR1110-502B, LR1110-502C, LR1110-502D, LR1110-502E, LR1110-502F
 Servicing: Austin, Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8, Length 235.00
 A: 35.00 B: 12.60 C: 66.50 mm



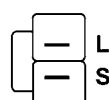
114209 Alternator 14 V, 60 Amp
 Replacing: LR160-743
 Servicing: Komatsu, Yanmar
 Terminal W, Pulley P, Grooves 1, Fan IF, B+ M5, Length 167.50
 A: 42.00 B: 13.20 C: 80.70 mm



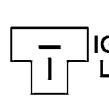
114262 Alternator 14 V, 80 Amp
 Replacing: LR180-763, LR180-772
 Servicing: Komatsu
 Pulley P, Grooves 1, Fan IF, B+ M8, Length 180.00
 A: 46.00 B: 13.00 C: 80.00 mm



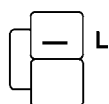
114301 Alternator 14 V, 150 Amp
 Replacing: LR1150-706, LR1150-706B
 Servicing: Renault
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 166.00
 A: 39.00 B: 13.00 C: 82.50 mm



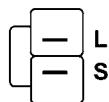
114458 Alternator 14 V, 60 Amp
 Replacing: LR160-503, LR160-503E
 Servicing: Isuzu
 Pulley P, Grooves 1, B+ M8, Length 262.00
 A: 50.00 B: 13.50 C: 83.50 mm



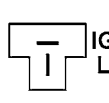
114672 Alternator 14 V, 60 Amp
 Replacing: LR160-741
 Servicing: Yanmar
 Pulley P, Grooves 1, B+ M6, Length 160.00, Insulated return Yes
 A: 45.00 B: 13.00 C: 82.00 mm



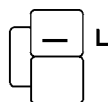
114782 Alternator 28 V, 50 Amp
 Replacing: LR250-517
 Servicing: Isuzu
 Pulley SP, Grooves 3, B+ M6
 A: 42.00 B: 17.00 C: 78.00 mm



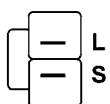
114802 Alternator 14 V, 60 Amp
 Replacing: LR160-502, LR160-502B, LR160-502C, LR160-502E
 Servicing: Fiat, Isuzu
 Pulley P, Grooves 1, B+ M8, Length 257.00
 A: 49.00 B: 13.00 C: 81.00 mm



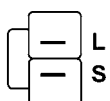
115432 Alternator 14 V, 50 Amp
 Replacing: LR150-714, LR150-715, LR150-715A
 Servicing: Bobcat, Gehl, Hitachi, Ingersoll-Rand, JCB, Mustang, Takeuchi
 Terminal W, Pulley P, Grooves 1, Fan IF, B+ M6, Length 152.00
 A: 46.00 B: 12.00 C: 81.50 mm



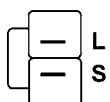
115630 Alternator 28 V, 50 Amp
 Replacing: LR250-707, LR250-707C, LR250-708, LR250-708B, LR250-708E
 Servicing: Isuzu
 Pulley SP, Grooves 7, B+ M8, Length 205.00
 A: 58.00 B: 17.50 C: 76.20 mm



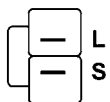
116021 Alternator 14 V, 90 Amp
 Replacing: LR190-511, LR190-511B
 Servicing: Nissan
 Pulley DP, Grooves 2, Fan EF, B+ M6, Length 260.00
 A: 42.50 B: 13.00 C: 79.50 mm



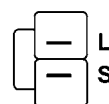
116104 Alternator 28 V, 80 Amp
 Replacing: LR280-707, LR280-707B, LR280-707C, LR280-708, LR280-708B, LR280-708C
 Servicing: Nissan
 Pulley SP, Grooves 7, Fan EF, B+ M8, Length 220.00
 A: 55.00 B: 17.50 C: 76.00 mm



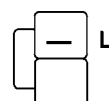
116105 Alternator 14 V, 90 Amp
 Replacing: LR190-763, LR190-768
 Servicing: Isuzu
 Pulley SP, Grooves 7, Fan IF, B+ M8, Length 184.00
 A: 39.00 B: 13.00 C: 81.00 mm



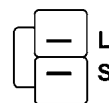
116106 Alternator 14 V, 40/70 Amp
 Replacing: LR140-415, LR140-415B
 Servicing: Nissan
 Pulley P, Grooves 1, Fan IF, B+ M6, Length 207.00, Insulated return No
 A: 42.30 B: 13.00 C: 80.00 mm



116107 Alternator 14 V, 80 Amp
 Replacing: LR180-513, LR180-513B
 Servicing: Isuzu
 Pulley P, Grooves 1, B+ M8, Length 242.40
 A: 49.00 B: 18.00 C: 81.50 mm



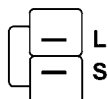
116108 Alternator 28 V, 50 Amp
 Replacing: LR250-511, LR250-511B
 Servicing: Isuzu
 Pulley Triple Pulley, Grooves 3, B+ M6, Length 164.00
 A: 42.00 B: 13.10 C: 81.30 mm



116495 Alternator 14 V, 70 Amp
 Replacing: LR170-510B
 Servicing: Mazda
 Pulley P, Grooves 1, B+ M6, Length 258.00
 A: 50.60 B: 12.70 C: 84.50 mm

NEW PRODUCT
www.hc-cargo.com

116530* Alternator 14 V, 100 Amp
 Replacing: LR1100-708
 Servicing: Caterpillar, Komatsu, Mitsubishi, Nissan, TCM
 Grooves 2



116531 Alternator 28 V, 80 Amp

Replacing: LR280-501, LR280-506, LR280-508

Servicing: Caterpillar, Hidromek, Hitachi, JCB, Kawasaki

Pulley Triple Pulley, Grooves 3, Fan EF, B+ M6, Length 302.00

A: 42.30 B: 18.00 C: 75.00 mm

NEW PRODUCT

www.hc-cargo.com

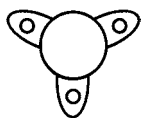
116766* Alternator 28 V, 60 Amp

Replacing: LR260-512

Pulley DP, Grooves 3



110105 Alternator 14 V, 55 Amp
Manufacturer: Mahle Letrika
Replacing: 11.201.453, 11.201.592, 11.201.665, 11.201.929, AAK1330, AAK1362, AAK3328
Servicing: John Deere lawn equipment w/ cooling eng
Pulley P, Grooves 1, B+ M6, Length 178.00
A: 83.30 B: 56.00 mm



110113 Alternator 28 V, 27 Amp
Replacing: 11.201.047, 11.201.087, 11.201.151, 11.201.201, 11.201.360, 11.201.525, AAK1125, AAK1153, AAK1205
Servicing: Mercedes-Benz
Pulley w/o, B+ M6, Length 165.00
B: 80.00 mm



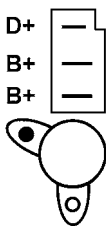
110127 Alternator 14 V, 70 Amp
Replacing: 11.201.723, 11.201.938, 11.203.998, AAK1375, AAK3333, AAK3802
Servicing: Volvo Penta, Farymann
Terminal W, Pulley P, Grooves 1, Fan EF, B+ M6, Length 179.00, Insulated return Yes
A: 79.00 B: 51.00 mm



110163 Alternator 28 V, 45 Amp
Manufacturer: Mahle Letrika
Replacing: 11.201.789, AAK4591
Servicing: Renault, Renault V.I.
Terminal W, Pulley DP, Grooves 2, Fan EF, B+ M6, Length 172.50
A: 48.75 B: 27.25 C: 67.50 mm



110175 Alternator 28 V, 100 Amp
Replacing: 11.204.021, AAT3312
Servicing: Volvo, Volvo Penta
Pulley w/o, Fan EF, B+ M8, Length 249.00, Insulated return Yes
Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.
B: 14.75 C: 103.00 mm



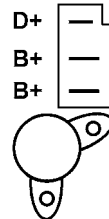
110178 Alternator 14 V, 36 Amp
Manufacturer: Lucas
Replacing: 11.201.067, 11.201.272, AAG1111, AAK4116
Servicing: Ford, Austin, Land Rover, Triumph, MG, Morris, Talbot, Vauxhall, Plymouth, Jensen, Lotus, Bedford, Case, Massey Ferguson, New Holland
Pulley w/o, B+ 9.40, Length 164.00
For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
B: 10.00 C: 87.00 mm



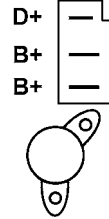
110348 Alternator 14 V, 55 Amp
Replacing: 11.201.293, 11.201.385, AAK4127
Servicing: Lada
Pulley P, Grooves 1, B+ M6, Length 162.00
A: 45.00 B: 19.60 C: 63.00 mm



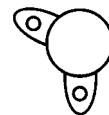
110350 Alternator 14 V, 44 Amp
Replacing: 11.201.294, AAK4128
Servicing: Lada, Fiat
Pulley P, Grooves 1, B+ M6, Length 166.00
A: 46.50 B: 19.50 C: 60.50 mm



110358 Alternator 14 V, 55 Amp
Replacing: 11.201.155, 11.201.307, 11.201.632, 11.201.633, AAK1152, AAK1157, AAK3520, AAK3525, AAK3548
Servicing: Mercedes, Seat, Mercedes-Benz
Pulley P, Grooves 1, Fan EF, B+ Plug, Length 162.50
A: 77.50 B: 56.00 mm



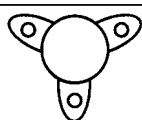
110360 Alternator 14 V, 45 Amp
Replacing: 11.201.601, AAK1105, AAK1139, AAK3501
Servicing: Audi, VW, Deutz-Fahr, Fiat
Pulley P, Grooves 1, B+ 9.40, Length 154.00
B: 56.00 mm



110641 Alternator 14 V, 33 Amp
Replacing: 11.201.027, 11.201.096, 11.201.372, 11.201.501, AAG1301, AAG1311, AAG1328
Servicing: Deutz, Fendt, Case, Claas, GoldoniBosch, BPM, Deutz-Fahr, Fahr, Kramer, Lamborghini, Liebherr, Linde
Terminal W, Pulley P, Grooves 1, B+ M6, Length 162.00
A: 76.50 B: 56.00 mm



110743 Alternator 14 V, 30 Amp
Replacing: 11.201.021, AAG0702
Servicing: Citroen
Pulley P, Grooves 1, B+ M6, Length 155.00
Regulator: HC-CARGO 130679.
A: 61.00 B: 40.00 mm



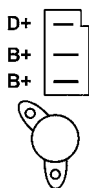
110766 Alternator 28 V, 27 Amp

Replacing: 11.201.032, 11.201.052, 11.201.066, 11.201.069, 11.201.186, 11.201.557, 11.201.574, AAK1109

Servicing: Atlas Copco, Iveco, MercedesCase, Deutz-Fahr, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

Terminal W, Pulley w/o, B+ M6, Length 170.00

B: 56.00 mm



110770 Alternator 14 V, 55 Amp

Replacing: 11.201.707, 11.201.728, AAK4568, AAK4574

Servicing: Austin, Rover, MG, LDV International, Massey Ferguson, Vauxhall, Bobcat, Caterpillar, Ford, Gehl, Hako, Ingersoll-Rand, JCB, Komatsu, Manitou, Terex, Thwaites

Terminal W, Pulley w/o, B+ Plug, Length 166.00

B: 12.00 C: 82.00 mm



110881 Alternator 14 V, 55 Amp

Replacing: 11.201.226, 11.201.478, 11.201.511, 11.201.512, 11.203.405, 11.204.050, AAK1189, AAK1336, AAK3579

Servicing: Volvo, Deutz-Fahr, Fendt, Kramer, Marshall

Terminal W, Pulley DP, Grooves 2, B+ M6, Length 170.00

A: 88.00 B: 56.00 mm



110882 Alternator 14 V, 45 Amp

Replacing: 11.201.070, 11.201.336, 11.209.443, AAK3197, AAK4162

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Seat, Same, Case IH, Lancia, Lister-Petter, New Holland, Terex, Turk Traktor

Pulley P, Grooves 1, B+ M6, Length 181.50 Connection 67 = D+ terminal.

A: 47.00 B: 16.25 C: 63.00 mm



110890 Alternator 14 V, 55 Amp

Replacing: 11.201.112, 11.201.242, 11.201.306, 11.201.457, AAK1135, AAK3560, AAK4140

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Massey Ferguson, Same, Seat

Pulley P, Grooves 1, B+ M6, Length 169.00

A: 49.00 B: 17.00 C: 63.00 mm



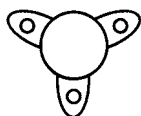
110891 Alternator 14 V, 70 Amp

Replacing: 11.201.581, AAK4526

Servicing: Ford, Land Rover, MG

Terminal W, Pulley w/o, B+ M6, Length 169.00

B: 11.30 C: 83.00 mm



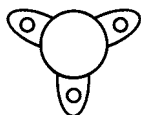
110895 Alternator 28 V, 55 Amp

Replacing: 11.201.522, 11.201.705, 11.209.415, AAK1347, AAK1367, AAN3106

Servicing: Man, Mercedes, Daf, Kässbohrer, SSangyoung, Mercedes-Benz

Terminal W, Pulley w/o, B+ M8, Length 196.50, Insulated return No

B: 80.00 mm



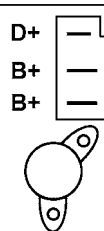
110906 Alternator 28 V, 30 Amp

Replacing: 11.201.050, AAK1107

Servicing: Mercedes-Benz

Terminal W, Pulley w/o, B+ M6, Length 187.00

B: 80.00 mm



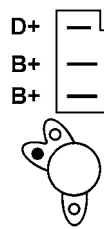
110913 Alternator 14 V, 70 Amp

Replacing: 11.201.220, 11.201.331, 11.201.617, AAK1183, AAK3514, AAK4157

Servicing: Audi, VW, Skoda

Terminal W, Pulley w/o, B+ 9.40

B: 56.00 mm



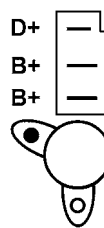
110919 Alternator 14 V, 65 Amp

Replacing: 11.201.438, 11.201.439, AAK3543, AAK3544

Servicing: Audi, VW

Pulley P, Grooves 1, B+ Plug, Length 185.00

A: 110.00 B: 56.00 mm



110968 Alternator 14 V, 70 Amp

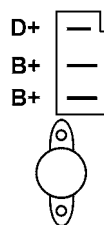
Replacing: 11.201.470, AAK1133, AAK1333

Servicing: Austin, Rover, Nissan MG, Case, Dronningborg, Ford, Mercedes-Benz, Valtra

Pulley P, Grooves 1, Fan EF, B+ M6, Length 167.00

Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 11.00 C: 82.00 mm



110970 Alternator 14 V, 65 Amp

Replacing: 11.201.095, AAG1310

Servicing: Massey Ferguson

Terminal W, Pulley P, Grooves 1, B+ M6

A: 58.00 B: 27.10 mm



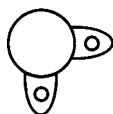
111035 Alternator 14 V, 65 Amp

Replacing: 11.201.017, 11.201.085, 11.201.093, 11.201.167, 11.201.204, 11.201.207, 11.201.405, 11.201.432

Servicing: Fiat, Lancia, Zastava, Autobianchi, Audi, Innocenti, VW, Case, Ford

Pulley P, Grooves 1, B+ M6, Length 164.50

A: 52.00 B: 23.00 C: 74.00 mm



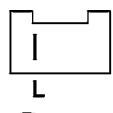
111036 Alternator 14 V, 45 Amp

Replacing: 11.201.358, 11.201.735, AAK4177, AAK4580

Servicing: Fiat, Lancia, Autobianchi

Pulley P, Grooves 1, B+ M6 HC-CARGO 111036 is w/o W-Terminal.

A: 56.80 B: 32.25 mm



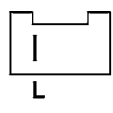
111075 Alternator 14 V, 55 Amp

Replacing: 11.201.255, AAK4104

Servicing: Citroen, Peugeot, Talbot, Vauxhall

Pulley P, Grooves 1, Fan EF, B+ M6, Length 161.50

A: 59.50 B: 40.00 mm



111076 Alternator 14 V, 50 Amp

Replacing: AAK3528, AAK4189

Servicing: Citroen, Peugeot, Talbot, Opel

Pulley SP, Grooves 4, B+ M6, Length 163.50

A: 46.35 B: 26.80 C: 66.00 mm



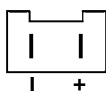
111078 Alternator 14 V, 45 Amp

Replacing: 11.201.347, AAK1128, AAK4167

Servicing: Fiat, Seat, Lancia, Autobianchi, Zastava

Pulley P, Grooves 1, B+ M6, Length 169.00

A: 53.25 B: 23.50 mm



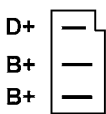
111082 Alternator 14 V, 60 Amp

Replacing: 11.201.198, 11.201.664, AAK1170, AAK4544

Servicing: Renault

Pulley P, Grooves 1, B+ M6, Length 178.25

A: 100.95 B: 56.00 mm



111086 ★ Alternator 14 V, 65 Amp

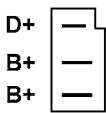
Manufacturer: Mahle Letrika

Replacing: 11.201.528, AAK3587

Servicing: Ford, Austin, Rover. MG, Mercury, RenaultSuzuki

Pulley P, Grooves 1, B+ Plug, Length 170.00

A: 34.60 B: 10.80 C: 81.00 mm



111093 Alternator 14 V, 70 Amp

Replacing: 11.201.713, 11.201.732, AAK4571, AAK4578

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, B+ Plug, Length 183.50

A: 92.00 B: 56.00 mm



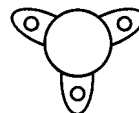
111094 Alternator 14 V, 65 Amp

Replacing: 11.201.437, AAK3542

Servicing: Audi, VW

Terminal W, Pulley P, Grooves 1, B+ M8, Length 187.25

A: 109.00 B: 56.00 mm



111141 Alternator 14 V, 55 Amp

Replacing: 11.201.097, 11.201.102, 11.201.685, AAK1130, AAK1301, AAK4549

Servicing: Mercedes, MAN, Mercedes-Benz

Terminal W, Pulley w/o, B+ M6, Length 167.70

B: 80.00 mm



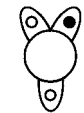
111148 Alternator 14 V, 65 Amp

Replacing: 11.201.205, 11.201.406, 11.201.582, AAK1173, AAK3530, AAK4527

Servicing: Fiat, Lancia, Zastava, Autobianchi

Pulley P, Grooves 1, B+ M6, Length 165.50

A: 52.25 B: 23.00 C: 73.00 mm



111154 Alternator 14 V, 65 Amp

Replacing: 11.201.257, AAK4106

Servicing: VW, Audi, Seat, Alfa Romeo, Mercedes-Benz

Terminal W, Pulley P, Grooves 1, B+ M8, Length 176.50

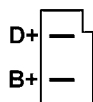
A: 87.50 B: 56.00 mm




111168 Alternator 14 V, 55 Amp
 Replacing: 11.201.299, 11.201.927, AAK3129, AAK4133
 Servicing: Opel, Vauxhall, Ferrari
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 170.00
 A: 84.00 B: 56.00 mm



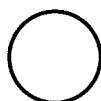
111176 Alternator 14 V, 75 Amp
 Replacing: 11.201.824, 11.201.890, AAK1339, AAK3122, AAK4564
 Servicing: Ford, Land Rover, LDV
 Terminal W, Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50
 A: 35.50 B: 11.25 C: 81.65 mm



111180 Alternator 14 V, 33 Amp
 Replacing: 11.201.037, 11.201.783, AAG0402, AAG1104, AAG1130
 Servicing: Fiat, Lamborghini, Same, Zastava, Fiat-Allis
 Pulley P, Grooves 1, B+ 9.40
 Alternative no.: 116133 
 A: 49.00 B: 25.00 mm



111186 Alternator 14 V, 70 Amp
 Replacing: 11.209.003, 11.209.402, 11.209.403, AAK3142, AAK3161
 Servicing: Opel, Vauxhall
 Pulley P, Grooves 1, B+ Plug, Length 215.00
 A: 42.00 B: 13.00 C: 78.20 mm



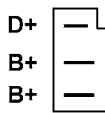
111226 Alternator 14 V, 50 Amp
 Replacing: 11.201.853, AAK2305
 Servicing: Hatz
 Pulley w/o, B+ M6, Length 162.50



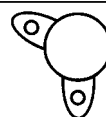
111287 Alternator 14 V, 70 Amp
 Replacing: 11.201.210, 11.201.211, 11.201.529, 11.201.611, AAK1178, AAK1179, AAK3510, AAK3588
 Servicing: VW
 Terminal W, Pulley P, Grooves 1, B+ M8, Length 190.00
 A: 109.50 B: 56.00 mm



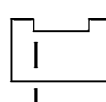
111288 Alternator 14 V, 65 Amp
 Replacing: 11.201.122, 11.201.245, AAK1140, AAK1199
 Servicing: Seat, VW, MAN
 Terminal W, Pulley P, Grooves 1, B+ M8, Length 168.00
 A: 75.00 B: 56.00 mm



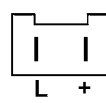
111289 Alternator 14 V, 70 Amp
 Replacing: 11.201.068, 11.201.301, 11.201.531, 11.201.566, 11.201.572, 11.201.573, 11.201.579, 11.201.676
 Servicing: Ford, Austin, Rover, Land Rover, MG, Massey Ferguson, Morris, CaseCummins, Dronningborg, New Holland
 Terminal W, Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 175.00
 A: 35.00 B: 12.50 C: 80.00 mm



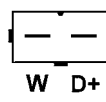
111318 Alternator 14 V, 80 Amp
 Replacing: 11.203.057, AAK5332
 Servicing: Citroen, Peugeot, Fiat, Lancia, Citroen
 Pulley SP, Grooves 6, B+ M8, Length 174.00
 A: 92.35 B: 56.00 mm



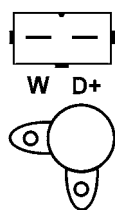
111321 Alternator 14 V, 70 Amp
 Replacing: 11.201.523, AAK3583
 Servicing: Volvo
 Pulley SP, Grooves 6, B+ M6, Length 166.00
 A: 46.50 B: 27.00 C: 69.50 mm



111325 Alternator 14 V, 70 Amp
 Replacing: 11.201.554, 11.201.765, AAK4506, AAK4585
 Servicing: Renault
 Pulley P, Grooves 1, B+ M6, Length 174.50
 A: 57.10 B: 27.15 C: 66.75 mm



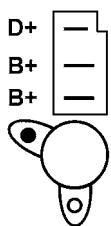
111352 Alternator 14 V, 70 Amp
 Replacing: 11.201.889, AAK5169
 Servicing: Seat, Skoda, VW
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 190.50
 A: 39.45 B: 14.65 C: 59.80 mm



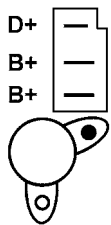
111353 Alternator 14 V, 70 Amp
 Replacing: 11.203.165, AAK5380
 Servicing: Seat, VW, Ford, Skoda, Audi
 Pulley SP, Grooves 6, B+ M8, Length 187.00
 A: 39.50 B: 14.00 C: 61.00 mm



111354 Alternator 14 V, 70 Amp
 Replacing: 11.201.744, 11.203.024, AAK5127, AAK5319
 Servicing: Mercedes-Benz
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 190.00
 A: 92.00 B: 56.00 mm



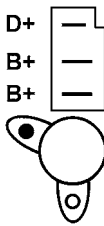
111355 Alternator 14 V, 65 Amp
 Replacing: 11.201.578, 11.201.810, 11.203.097, AAK3369, AAK4523, AAK4598
 Servicing: Austin, Rover, Nissan MG, Massey Ferguson, New Holland, Dronningborg, Valmet, Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hako, Hyundai, Ingersoll-Rand, JCB
 Terminal W, Pulley P, Grooves 1, B+ M6-6.30, Length 163.50
 A: 37.00 B: 11.50 C: 81.00 mm



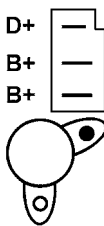
111356 Alternator 14 V, 55 Amp
 Replacing: 11.201.587, AAK4532
 Servicing: FordRover, Various Agriculture Vehicles
 Terminal W, Pulley SP, Grooves 3, B+ 9.40
 A: 43.00 B: 10.80 C: 81.00 mm



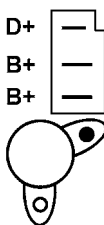
111361 Alternator 14 V, 67 Amp
 Replacing: 11.201.717, AAK1373
 Servicing: Nissan
 Terminal W, Pulley SP, Grooves 4, B+ M6, Length 176.50
 A: 69.65 B: 25.00 C: 81.00 mm



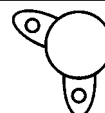
111362 Alternator 14 V, 55 Amp
 Replacing: 11.201.399, 11.201.400, 11.201.415, AAK1325, AAK1329
 Servicing: Ford, Land Rover, Rover, MG, Austin, ValmetCummins, Massey Ferguson, New Holland, Valtra
 Terminal W, Pulley P, Grooves 1, B+ Plug, Length 165.50
 A: 34.50 B: 11.00 C: 81.00 mm



111364 Alternator 14 V, 55 Amp
 Replacing: 11.201.305, 11.201.706, 11.201.764, AAK1388, AAK4139, AAK4567
 Servicing: Ford, Rover
 Terminal W, Pulley P, Grooves 1, B+ M6-6.30, Length 166.00
 A: 35.50 B: 12.50 C: 81.00 mm



111368 Alternator 14 V, 70 Amp
 Replacing: 11.201.729, 11.201.811, AAK4575, AAK4599
 Servicing: Ford
 Terminal W, Pulley P, Grooves 1, Length 166.50
 A: 34.90 B: 12.00 C: 82.60 mm



111369 Alternator 14 V, 90 Amp
 Replacing: 11.203.004, 11.209.001, AAK5305, AAK5501
 Servicing: Mercedes-Benz, Various Agriculture Vehicles
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 189.50
 A: 92.00 B: 56.00 mm



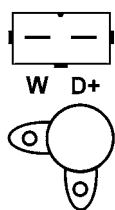
111418 Alternator 14 V, 60 Amp
 Replacing: 11.201.585, AAK4530
 Servicing: Iveco, Fiat, Alfa Romeo
 Pulley P, Grooves 1, B+ M6, Length 165.50
 Alternative no.: 115873
 A: 49.00 B: 17.00 C: 66.00 mm



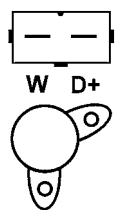
111419 Alternator 28 V, 55 Amp
 Replacing: 11.201.555, AAK4507
 Servicing: Fiat-Allis, Iveco, Allis Chalmers, BENFRA, Laverda
 Terminal W, Pulley DP, Grooves 2, B+ M8, Length 188.00
 A: 50.00 B: 17.45 C: 63.00 mm



111426 Alternator 14 V, 100 Amp
 Replacing: 11.209.020, 11.209.407, AAK5513, AAK5535
 Servicing: Opel, Vauxhall, Isuzu
 Pulley SP, Grooves 6, B+ M8, Length 180.00
 A: 51.00 B: 33.75 C: 56.00 mm



111477 Alternator 14 V, 90 Amp
 Replacing: 11.201.898, 11.209.002, AAK5171, AAK5502
 Servicing: VW, Seat, Ford, Skoda
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 187.00
 A: 40.00 B: 13.50 C: 59.00 mm



111479 Alternator 14 V, 90 Amp
 Replacing: 11.201.990, AAK5198
 Servicing: Seat, VW
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 185.00
 A: 39.00 B: 14.00 C: 59.00 mm



111510 Alternator 28 V, 55 Amp
 Replacing: 11.203.844, AAK1875
 Servicing: Ford, DAF, Perkins
 Terminal W, Pulley w/o, B+ M6, Insulated return Yes
 B: 10.00 C: 82.00 mm



111514 Alternator 14 V, 100 Amp
 Replacing: 11.209.011, AAK5510
 Servicing: Opel, Saab, Vauxhall
 Pulley SP, Grooves 6, B+ M8, Length 183.00
 A: 52.00 B: 34.00 C: 56.00 mm



111528 Alternator 28 V, 55 Amp
 Replacing: 11.201.710, 11.201.937, AAK1369, AAK3332
 Servicing: Volvo, Volvo BM, Volvo Penta
 Terminal W, Pulley w/o, B+ M8, Length 180.75
 B: 51.50 mm



111620 Alternator 14 V, 65 Amp
 Replacing: 11.201.701, AAK4158, AAK4562
 Servicing: Alfa Romeo, Fiat, LanciaAbarth, Ferrari, Pininfarina, Various Agriculture Vehicles
 Pulley SP, Grooves 5, B+ M6, Length 172.00
 A: 47.75 B: 16.30 C: 63.00 mm



111629 Alternator 28 V, 120 Amp
 Replacing: 11.201.868, AAT1303
 Servicing: MAN, Mercedes-Benz, Setra
 Terminal W, Pulley w/o, B+ M8, Length 310.50
 B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm




111631 Alternator 28 V, 55 Amp
 Replacing: 11.203.215, 11.203.573, AAK5517, AAK5717
 Servicing: Volvo
 Terminal W, Pulley w/o, B+ M8, Length 185.00, Insulated return Yes
 B: 14.10 C: 100.00 mm



111649 Alternator 14 V, 33 Amp
 Replacing: 11.201.784, AAG1343
 Servicing: Claas, Eicher, John Deere, Same, Lamborghini
 Pulley P, Grooves 1, B+ M6, Length 168.50
 A: 76.00 B: 56.00 mm



111662 Alternator 14 V, 33 Amp
 Replacing: 11.201.115, 11.201.116, 11.201.500, 11.201.502, 11.201.507, AAG1314, AAG1315, AAG1338, AAG1340
 Servicing: Case, Ferrari, Goldoni, Lombardini, Agrifull, Arona
 Terminal W, Pulley w/o, B+ M6, Length 156.00
 Alternative no.: 116131 
 B: 56.00 mm



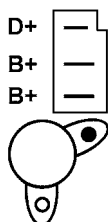
111686 Alternator 14 V, 65 Amp
 Replacing: 11.201.327, 11.201.328, 11.201.329, 11.201.357, 11.201.514, 11.201.662, AAK4154, AAK4155, AAK4176
 Servicing: Alfa Romeo, Fiat, LanciaIveco, Lamborghini, Laverda
 Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50
 A: 49.50 B: 17.00 C: 64.50 mm



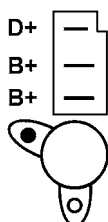
111687 Alternator 14 V, 55 Amp
 Replacing: 11.201.355, AAK4174
 Servicing: Fiat
 Pulley P, Grooves 1, B+ M6, Length 174.00
 A: 53.00 B: 23.50 mm



111732 Alternator 14 V, 120 Amp
 Replacing: 11.209.012, AAN5115
 Servicing: Opel, Vauxhall
 Pulley SP, Grooves 6, B+ M8,
 Length 182.00
 A: 51.70 B: 34.00 C: 56.00 mm



111738 Alternator 14 V, 65 Amp
 Replacing: 11.201.576, 11.201.577, AAK4521,
 AAK4522
 Servicing: Rover, Ford
 Terminal W, Pulley w/o, B+ M6,
 Length 168.00
 B: 11.00 C: 82.00 mm



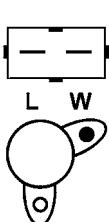
111740 Alternator 14 V, 70 Amp
 Replacing: 11.201.503, 11.201.504, AAK1343,
 AAK1344
 Servicing: Ford, Land Rover
 Terminal BS/W, Pulley P, Grooves 1,
 B+ M6, Length 167.00
 w/ battery temp. sensor terminal. Make sure
 battery temp. sensor circuit is present, for
 correct function
 A: 36.00 B: 11.00 C: 82.70 mm



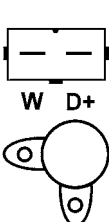
111746 Alternator 28 V, 80 Amp
 Replacing: 11.203.275, AAN5171
 Servicing: Volvo
 Terminal W, Pulley w/o, Fan EF, B+ M8,
 Length 189.00
 B: 14.50 C: 103.50 mm



111795 Alternator 14 V, 80 Amp
 Replacing: 11.209.431, AAK5710
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M6,
 Length 164.00
 A: 12.50 B: 72.00 C: 53.00 mm



111797 Alternator 14 V, 95 Amp
 Replacing: 11.209.017, 11.209.410, AAK5512,
 AAK5573
 Servicing: Ford
 Terminal W, Pulley SP, Grooves 4,
 B+ M8, Length 243.00
 A: 34.00 B: 13.30 C: 81.00 mm



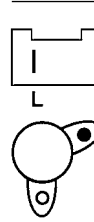
111820 Alternator 14 V, 90 Amp
 Replacing: 11.203.080, AAK5351
 Servicing: Skoda, Audi, VW
 Terminal W, Pulley SP, Grooves 6,
 B+ M8, Length 185.40
 A: 39.50 B: 14.00 C: 59.00 mm



111833 Alternator 28 V, 140 Amp
 Replacing: 11.201.519, 11.201.757,
 11.201.895, 11.203.139, 11.203.240,
 11.203.241, AAT1302, AAT1306, AAT1308
 Servicing: Mercedes-Benz, Drögmöller, Setra,
 Various Agriculture Vehicles
 Terminal W, Pulley w/o, B+ M8,
 Length 302.00
 B- M8. Shaft 30.00 mm. w/ bushing in rear
 brackethole.
 Alternative no.: 116063
 B: 15.70 C: 182.00 mm



111834 Alternator 28 V, 55 Amp
 Replacing: 11.201.801, 11.209.434, AAK1398,
 AAN3114
 Servicing: Scania, Pegaso
 Terminal W, Pulley w/o, B+ M8,
 Length 180.00
 Heavy duty type: HC-CARGO 112182 (80 A).
 B: 80.00 mm



111841 Alternator 14 V, 50 Amp
 Replacing: 11.201.060, 11.201.624, AAK1111,
 AAK3515
 Servicing: Citroen, Peugeot
 Pulley P, Grooves 1, B+ M6, Length 167.00
 A: 95.50 B: 56.00 mm



111842 Alternator 28 V, 140 Amp
 Replacing: 11.203.001, 11.203.085,
 11.203.239, 11.203.242, AAT1313, AAT1318,
 AAT1337, AAT1340
 Servicing: Heuliez, Ikarus, Irisbus, Iveco,
 MAN, Mercedes-Benz, Neoplan
 Terminal W, Pulley w/o, B+ M8,
 Length 313.00
 B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm



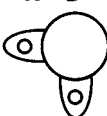
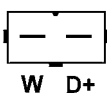
111843 Alternator 14 V, 95 Amp
 Replacing: 11.201.727, 11.201.875,
 11.201.997, 11.203.268, 11.203.660,
 11.204.396, AAK1815, AAK4307, AAK4831
 Servicing: Case, Agco, Atlas Copco, Bomag,
 Case IH, Caterpillar, Clark, Cummins, Doosan,
 Hitachi, Hoist, Hyundai
 Terminal W, Pulley w/o, B+ M8,
 Length 174.00
 B- M8.
 B: 51.00 mm



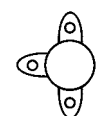
111850 Alternator 14 V, 143 Amp
 Replacing: 11.203.248, AAN5166
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8, Length 191.00
 A: 81.80 B: 56.00 mm



111883 Alternator 14 V, 115 Amp
 Replacing: 11.203.115, AAN5132
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8, Length 205.00
 A: 92.00 B: 56.00 mm



111884 Alternator 14 V, 90 Amp
 Replacing: 11.203.078, AAK5349
 Servicing: Seat, VW
 Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 188.00
 A: 39.50 B: 14.00 C: 61.50 mm



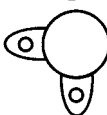
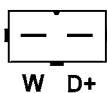
111886 Alternator 28 V, 65 Amp
 Replacing: 11.209.420, AAN3110
 Servicing: Scania, Toyota
 Terminal W, Pulley w/o, B+ M8, Length 190.00
 B: 23.25 C: 68.70 mm



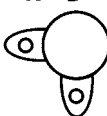
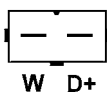
111888 Alternator 14 V, 65 Amp
 Replacing: 11.201.595, 11.201.935, AAK1363, AAK3330
 Servicing: Case, Bomag, Case IH, Cummins, Gehl, Ingersoll-Rand, Ingram, John Deere, Kohler, Komatsu, New Holland
 Terminal W, Pulley SP, Grooves 8, B+ M8, Length 192.00
 A: 81.00 B: 50.60 mm



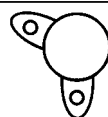
111890 Alternator 14 V, 90 Amp
 Replacing: 11.203.030, AAK5322
 Servicing: Mercedes, Mercedes-Benz, Multicar
 Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 192.00
 A: 92.00 B: 56.00 mm



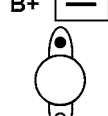
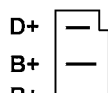
111898 Alternator 14 V, 120 Amp
 Replacing: 11.203.569, AAN5564
 Servicing: VW
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 205.00
 A: 40.00 B: 14.25 C: 61.00 mm



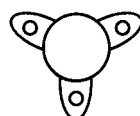
111899 Alternator 14 V, 90 Amp
 Replacing: 11.203.079, AAK5350
 Servicing: VW
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 188.00
 A: 39.50 B: 14.00 C: 61.00 mm



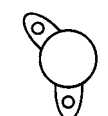
111902 Alternator 14 V, 115 Amp
 Replacing: 11.203.116, AAN5133
 Servicing: Mercedes-Benz, VW
 Pulley SP, Grooves 6, B+ M8, Length 186.00
 A: 82.00 B: 56.10 mm



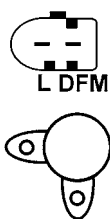
111948 Alternator 14 V, 70 Amp
 Replacing: 11.201.693, AAK4554
 Servicing: Massey Ferguson
 Terminal W, Pulley w/o, B+ Plug, Length 159.00
 B: 29.00 mm



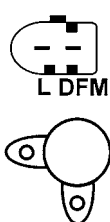
111978 Alternator 14 V, 120 Amp
 Replacing: 11.203.333, AKK4322
 Servicing: Claas, Fendt
 Terminal W, Pulley w/o, B+ M8, Length 170.00
 B: 56.00 mm



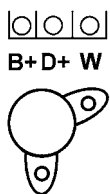
111987 Alternator 28 V, 55 Amp
 Replacing: 11.209.438, AAN3118
 Servicing: Iveco
 Terminal W, Pulley w/o, B+ M8, Length 178.00
 B: 17.00 C: 63.80 mm



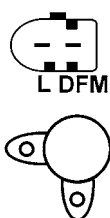
111989 Alternator 14 V, 90 Amp
 Replacing: 11.203.313, AAK5544
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP, Grooves 6, B+ M8, Length 186.50
 Alternative no.: 115482
 A: 39.60 B: 14.00 C: 61.00 mm



112002 Alternator 14 V, 120 Amp
 Replacing: 11.203.288, AAN5178
 Servicing: Audi, Ford, Seat, Skoda, VW
 Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 180.00
 Alternative no.: 115483
 A: 39.00 B: 14.50 C: 61.00 mm



112021 Alternator 14 V, 100 Amp
 Replacing: 11.203.205, AAK5396
 Servicing: Land Rover
 Terminal W, Pulley SP, Grooves 7, B+ M6, Length 194.00
 A: 31.00 B: 13.50 C: 83.50 mm



112043 Alternator 14 V, 90 Amp
 Replacing: 11.203.223, AAK5518
 Servicing: VW
 Terminal DF, Pulley SP, Grooves 6, B+ M8, Length 184.50
 A: 40.00 B: 14.00 C: 61.00 mm



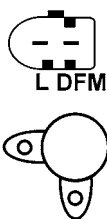
112046 Alternator 14 V, 95 Amp
 Replacing: 11.201.991, 11.203.331, 11.203.656, 11.204.054, AAK1312, AAK1811, AAK3822, AAK4320
 Servicing: Deutz-Fahr, Iveco
 Terminal W, Pulley w/o, B+ M8, Length 170.00
 B: 56.00 mm



112056 Alternator 14 V, 70 Amp
 Replacing: 11.201.209, 11.201.297, 11.201.580, 11.201.584, 11.201.931, 11.201.933, AAK1177, AAK3132, AAK3134
 Servicing: Opel, Vauxhall
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 165.00
 A: 87.00 B: 56.00 mm



112062 Alternator 14 V, 115 Amp
 Manufacturer: Bosch
 Replacing: 11.203.204, AAN5156
 Servicing: John Deere lawn equipment w/ cooling eng, AGCO, Atlas Copco, Case IH, Caterpillar, Claas, Cummins, Gehl, Ingersoll-Rand, Kohler, Liebherr
 Pulley w/o, B+ M8, Length 177.00
 SP/FW: HC-CARGO 235718 can be used.
 B: 56.00 mm



112075 Alternator 14 V, 70 Amp
 Replacing: 11.203.310, AAK5541
 Servicing: VW, Audi, Skoda, Seat
 Pulley SP, Grooves 6, B+ M8, Length 182.00
 A: 40.00 B: 14.00 C: 60.75 mm



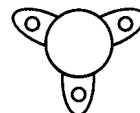
112076 Alternator 28 V, 80 Amp
 Replacing: 11.209.445, AAN3120
 Servicing: Citroen, Iveco, Scania, Renault VI, Heuliez, Irisbus, Renault V.I.
 Terminal W, Pulley w/o, B+ M8, Length 183.00
 B: 27.00 C: 71.00 mm



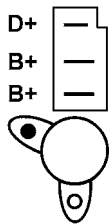
112079 Alternator 14 V, 90 Amp
 Replacing: 11.203.312, AAK5543
 Servicing: VW, Ford, Audi, Seat, SkodaLinde
 Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
 Alternative no.: 114789
 A: 39.00 B: 14.00 C: 61.00 mm



112097 Alternator 28 V, 30 Amp
 Replacing: 11.201.055, 11.201.075, 11.201.468, AAK1110, AAK1209, AAK3564
 Servicing: Iveco, Allis Chalmers, Astra, Fahr, Fiat, Laverda
 Pulley P, Grooves 1, B+ M6, Length 174.00
 A: 45.00 B: 17.00 C: 63.00 mm



112098 Alternator 14 V, 65 Amp
 Replacing: 11.201.219, 11.201.444, 11.201.499, 11.203.301, 11.203.415, AAK1182, AAK1370, AAK3547, AAK4313
 Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, Zetor, Agco, Atlas Copco, Bomag, Caterpillar, Deutz-Fahr, Fendt, Ingersoll-Rand, JCB, John Deere, Komatsu
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 171.00
 A: 80.50 B: 56.00 mm



112112 Alternator 14 V, 70 Amp
 Replacing: 11.201.332, 11.201.832, AAK3301
 Servicing: Sabre, Yanmar, Perkins
 Terminal W, Pulley P, Grooves 1, B+ M6,
 Length 170.50, Insulated return Yes
 A: 45.00 B: 11.50 C: 82.50 mm



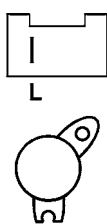
112149 Alternator 14 V, 65 Amp
 Replacing: 11.201.379, 11.201.401,
 11.201.545, AAK4199, AAK4504
 Servicing: Audi, VW, Seat
 Terminal W, Pulley P, Grooves 1, B+ M8
 A: 109.80 B: 56.00 mm



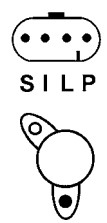
112151 Alternator 14 V, 95 Amp
 Replacing: 11.209.006, AAK5505
 Servicing: Ford
 Terminal W, Pulley SP, Grooves 5,
 B+ M6, Length 158.50
 A: 46.00 B: 57.00 mm



112159 Alternator 28 V, 80 Amp
 Replacing: 11.209.417, AAN3108
 Servicing: Daf, Man, Mercedes-Benz, Renault
 V.I.
 Terminal W, Pulley w/o, B+ M8,
 Length 186.00
 B: 80.40 mm



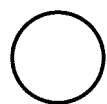
112162 Alternator 14 V, 70 Amp
 Replacing: 11.201.493, 11.201.590, AAK3572,
 AAK4535
 Servicing: Citroen, Peugeot, Citroen
 Pulley SP, Grooves 4, B+ M6,
 Length 158.00
 A: 45.50 B: 27.00 C: 66.00 mm



112165 Alternator 14 V, 75 Amp
 Replacing: 11.209.004, AAK5503
 Servicing: Renault
 Pulley SP, Grooves 4, B+ M8, Length 179.00
 A: 46.70 B: 27.00 C: 66.50 mm



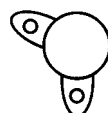
112170 Alternator 28 V, 45 Amp
 Replacing: 11.201.759, 11.201.941, AAK1387,
 AAK3336
 Servicing: Case, Komatsu, John Deere
 Terminal W, Pulley w/o, Fan EF, B+ M8,
 Length 172.30
 Dust proof.
 B: 51.00 mm



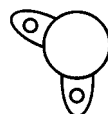
112183 5★ Alternator 14 V, 60 Amp
 Manufacturer: Mahle Letrika
 Replacing: 11.201.292, 11.203.106, AAK2301,
 AAK2306
 Servicing: KHD, Agco Allis, Atlas Copco,
 Bomag, Case, Fendt, Ingersoll-Rand, JCB,
 John Deere, Liebherr, Terex
 Terminal W, Pulley w/o, B+ M6,
 Length 174.50



112191 Alternator 14 V, 80 Amp
 Replacing: 11.201.498, AAK5105
 Servicing: Lada
 Pulley P, Grooves 1, B+ M6,
 Length 183.50
 A: 81.40 B: 56.00 mm



112194 Alternator 14 V, 120 Amp
 Replacing: 11.203.110, AAN5127
 Servicing: Mercedes-Benz, Ssangyoung, Dodge,
 Ssangyong, Various Agriculture Vehicles
 Terminal W, Pulley SP, Grooves 6,
 B+ M8, Length 184.00
 A: 92.20 B: 56.00 mm



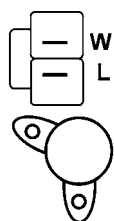
112196 5★ Alternator 14 V, 143 Amp
 Manufacturer: Bosch
 Replacing: IA1057
 Servicing: Fendt, Mercedes-Benz
 Pulley w/o, B+ M8, Length 177.00
 Bosch Type.
 Alternative no.: 115987
 B: 56.00 mm



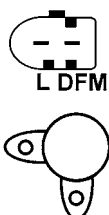
112197 Alternator 14 V, 115 Amp
 Replacing: 11.209.440, AAN5572
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 176.00
 A: 31.00 B: 69.80 C: 56.00 mm



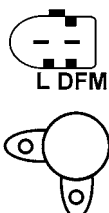
112230 Alternator 14 V, 80 Amp
 Replacing: 11.201.769, AAK5136
 Servicing: Peugeot, Citroen, Fiat, Suzuki
 Pulley SP, Grooves 6, B+ M8,
 Length 180.00
 A: 42.00 B: 27.20 C: 66.50 mm



112271 Alternator 14 V, 100 Amp
 Replacing: 11.209.424, AAK5574
 Servicing: Opel, Vauxhall, Honda
 Terminal W, Pulley SP, Grooves 6,
 Fan IF, B+ M8, Length 223.00
 A: 36.00 B: 12.90 C: 66.10 mm



112273 Alternator 14 V, 70 Amp
 Replacing: 11.203.111, AAK5542
 Servicing: Seat, VW, Skoda
 Pulley SP, Grooves 6, B+ M8,
 Length 185.00
 A: 41.00 B: 14.00 C: 60.80 mm



112274 Alternator 14 V, 90 Amp
 Replacing: 11.203.314, AAK5545
 Servicing: VW, Skoda, Seat
 Pulley SP, Grooves 6, B+ M8,
 Length 185.00
 A: 39.50 B: 14.10 C: 61.40 mm



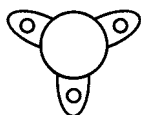
112298 Alternator 14 V, 80 Amp
 Replacing: 11.203.094, AAK5360
 Servicing: Citroen, Fiat, Peugeot
 Pulley SP, Grooves 6, B+ M8,
 Length 179.00
 A: 42.00 B: 26.10 C: 66.70 mm



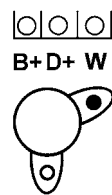
112299 Alternator 14 V, 95 Amp
 Replacing: 11.201.534, 11.201.754, AAK5108,
 AAK5131
 Servicing: Peugeot, Citroen, Fiat
 Pulley SP, Grooves 6, B+ M8,
 Length 182.00
 A: 43.00 B: 27.00 C: 67.00 mm



112302 Alternator 28 V, 120 Amp
 Replacing: 11.209.448, AAT1385
 Servicing: Iveco, VW
 Terminal W, Pulley w/o, B+ M8,
 Length 313.00, Insulated return Yes
 B- M8.
 B: 16.00 C: 86.00 mm



112310 ★ Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: 11.201.146, 11.201.230, AAK1151,
 AAK1193
 Servicing: BMW, VolvoVolvo BM
 Pulley P, Grooves 1, B+ M6,
 Length 168.00
 A: 74.00 B: 50.70 mm



112325 Alternator 14 V, 70 Amp
 Replacing: 11.201.992, AAK5301
 Servicing: Ford
 Terminal W, Pulley SP, Grooves 5,
 B+ M6, Length 170.00
 D+ may be w/ M4.
 A: 33.00 B: 14.20 C: 75.50 mm



112343 Alternator 28 V, 140 Amp
 Replacing: 11.201.902, 11.203.232, AAT1310,
 AAT1330
 Servicing: Renault V.I., Scania, Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 304.50
 B- M8. Shaft 30.00 mm.
 B: 15.30 C: 182.00 mm



112345 Alternator 28 V, 55 Amp
 Replacing: 11.209.436, AAN3116
 Servicing: Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 179.50
 B: 51.50 mm



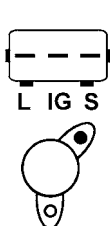
112389 Alternator 14 V, 85 Amp
 Replacing: 11.201.667, AAK5115
 Servicing: Same, Deutz-Fahr
 Terminal W, Pulley w/o, B+ M6,
 Length 184.00
 B: 55.90 mm



112416 Alternator 14 V, 100 Amp
 Replacing: 11.209.441, AAK5723
 Servicing: Opel, Vauxhall, Holden
 Pulley SP, Grooves 5, B+ M8,
 Length 180.00
 A: 53.50 B: 33.50 C: 58.30 mm



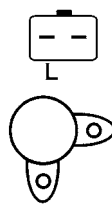
112424 Alternator 28 V, 140 Amp
 Replacing: 11.203.237, AAT1335
 Servicing: Scania
 Terminal W, Pulley w/o, B+ M8,
 Length 285.00
 B- M8. Shaft 30.00 mm.
 B: 15.50 C: 182.00 mm



112427 Alternator 28 V, 90 Amp
 Replacing: 11.209.454, AAN5795
 Servicing: Iveco
 Pulley SP, Grooves 12, B+ M8,
 Length 198.00
 Alternative no.: 115871
 A: 90.00 B: 57.60 mm



112453 Alternator 14 V, 85 Amp
 Replacing: 11.209.446, AAN3121
 Servicing: Alfa Romeo, Fiat, Iveco, Lancia
 Pulley w/o, B+ M8, Length 174.00
 B: 16.90 C: 63.00 mm



112457 Alternator 14 V, 110 Amp
 Replacing: 11.203.923, AAK5773
 Servicing: Renault, Nissan
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 164.50
 A: 42.00 B: 15.75 C: 61.00 mm



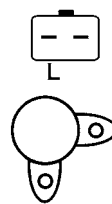
112458 Alternator 14 V, 120 Amp
 Replacing: 11.203.940, AAK5778
 Servicing: Renault, Volvo
 Terminal W, Pulley SP/FW, Grooves 6,
 B+ M8, Length 174.00
 A: 46.50 B: 27.50 C: 66.50 mm



112460 Alternator 14 V, 150 Amp
 Replacing: 11.203.470, 11.203.871,
 11.204.163, AAN5533, AAN5772
 Servicing: Citroen, Lancia, Peugeot, Fiat
 Pulley SP, Grooves 6, B+ M8,
 Length 177.00
 A: 43.60 B: 22.00 C: 45.60 mm



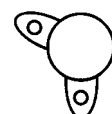
112469 Alternator 14 V, 90 Amp
 Replacing: 11.203.710, AAK5741
 Servicing: Citroen, Peugeot, Fiat, Toyota
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 180.00
 A: 42.50 B: 22.20 C: 45.60 mm



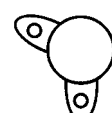
112471 Alternator 14 V, 125 Amp
 Replacing: 11.203.950, AAK5782
 Servicing: Opel, Nissan, Renault, Vauxhall,
 Volvo, Mitsubishi
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 179.00
 A: 32.50 B: 13.50 C: 60.90 mm



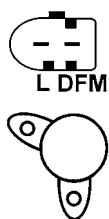
112480 Alternator 14 V, 90 Amp
 Replacing: 11.203.337, AAK5553
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Pulley SP, Grooves 6, B+ M8,
 Length 174.00
 A: 42.00 B: 22.00 C: 46.00 mm



112529 Alternator 14 V, 90 Amp
 Replacing: 11.203.005, 11.203.167,
 11.203.186, AAK5306, AAK5382, AAK5391
 Servicing: John Deere, Mercedes-Benz, Dae-
 woo, Ssangyong
 Terminal W, Pulley SP, Grooves 6,
 B+ M8, Length 190.00
 Alternative no.: 116129
 A: 92.00 B: 56.10 mm



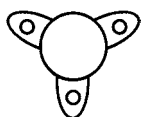
112530 Alternator 14 V, 120 Amp
 Replacing: 11.203.114, AAN5131
 Servicing: Daewoo, Mercedes-Benz, Ssangyong
 Pulley SP, Grooves 6, B+ M8, Length 201.00
 A: 92.50 B: 56.10 mm



112535 Alternator 14 V, 120 Amp
 Replacing: 11.203.290, AAN5179
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8, Length 192.90
 A: 91.95 B: 56.00 mm



112556 5★ Alternator 14 V, 95 Amp
 Manufacturer: Mahle Letrika
 Replacing: 11.201.666, 11.201.675, 11.203.016, 11.203.098, 11.204.582, AAK5114, AAK5118, AAK5315, AAK5363
 Servicing: Same, ValmetAGCO, Valtra
 Terminal W, Pulley w/o, B+ M6, Length 190.50
 Dust proof.
 Alternative no.: 116454
 B: 56.00 mm



112561 Alternator 28 V, 80 Amp
 Replacing: 11.209.421, 11.209.442, AAN3111, AAN3119
 Servicing: Mercedes-Benz, MAZ
 Terminal W, Pulley w/o, B+ M8, Length 188.00
 Alternative no.: 116654 5★
 B: 80.00 mm



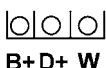
112679 Alternator 14 V, 110 Amp
 Replacing: 11.203.129, 11.203.227, AAK5521, AAN5139
 Servicing: Renault, Volvo
 Terminal W, Pulley SP, Grooves 6, B+ M6, Length 190.00
 A: 46.50 B: 27.70 C: 66.30 mm



112688 Alternator 14 V, 95 Amp
 Replacing: 11.201.963, AAK5186
 Servicing: Alfa Romeo, Citroen, Peugeot, Lancia, Fiat
 Pulley SP, Grooves 6, B+ M8, Length 175.00
 A: 92.50 B: 55.80 mm



112698 Alternator 14 V, 100 Amp
 Replacing: 11.203.433, AAK5580
 Servicing: Ford, Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hyundai, Ingersoll-Rand, JCB
 Terminal W, Pulley SP, Grooves 6, B+ M6, Length 178.00
 A: 33.00 B: 14.10 C: 83.30 mm



112718 Alternator 14 V, 100 Amp
 Replacing: 11.203.042, AAK5326
 Servicing: Ford, New Holland
 Terminal W, Pulley SP, Grooves 6, B+ M6, Length 189.00
 A: 32.00 B: 14.00 C: 83.80 mm



112720 Alternator 14 V, 100 Amp
 Replacing: 11.209.439, AAK5722
 Servicing: Opel, Vauxhall
 Pulley P, Grooves 1, B+ M8, Length 173.00
 A: 53.50 B: 33.40 C: 57.00 mm



112736 Alternator 14 V, 65 Amp
 Replacing: 11.201.570, AAK1378
 Servicing: Iveco, Deutz-Fahr
 Terminal W, Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.00
 A: 76.50 B: 56.00 mm



112747 Alternator 28 V, 55 Amp
 Replacing: 11.201.903, 11.203.655, AAK3318, AAK5734
 Servicing: Iveco, Renault, KHD, Ford, Deutz-Fahr
 Terminal W, Pulley w/o, B+ M8, Length 177.00
 B: 56.00 mm



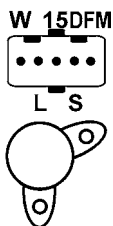
112757 Alternator 28 V, 55 Amp
 Replacing: 11.209.435, AAN3115
 Servicing: Scania, Volvo
 Terminal W, Pulley w/o, B+ M8, Length 185.00, Insulated return No Bosch 0 120 469 963 = Insulated, HC-CARGO 112757 is not insulated return.
 B: 27.50 C: 68.00 mm



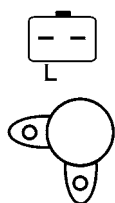
112768 Alternator 14 V, 55 Amp
 Replacing: 11.201.071, 11.201.304, 11.201.571, 11.201.600, AAK1117, AAK4138, AAK4518
 Servicing: Alfa Romeo, Goldine, Fiat, Goldoni
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 172.00
 A: 47.00 B: 15.00 C: 70.00 mm



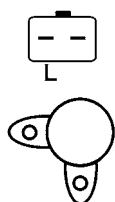
112803 Alternator 28 V, 80 Amp
 Replacing: 11.209.416, AAN3107
 Servicing: Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 181.50
 B: 51.00 mm



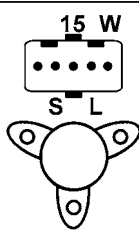
113188 Alternator 28 V, 70 Amp
 Replacing: 11.209.602, 72445481, AAN5391
 Servicing: Iveco, Ginat
 Terminal W, Pulley SP, Grooves 8,
 B+ M8, Length 194.00
 Alternative no.: 115484
 A: 36.50 B: 14.10 C: 80.90 mm



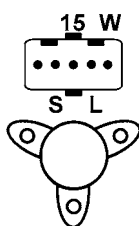
113245 Alternator 14 V, 125 Amp
 Replacing: 11.204.022, AAK5788
 Servicing: Renault, Opel, Vauxhall, Nissan
 Pulley SP, Grooves 6, B+ M8,
 Length 172.00
 A: 33.00 B: 13.90 C: 60.70 mm



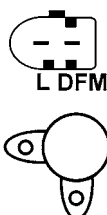
113248 Alternator 14 V, 120 Amp
 Replacing: 11.203.943, AAK5779
 Servicing: Volvo, Renault, Opel, Vauxhall,
 Nissan
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 190.00
 A: 36.00 B: 14.00 C: 60.75 mm



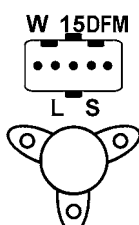
113289 Alternator 28 V, 90 Amp
 Replacing: 11.209.625, 72446570, AAN5415
 Servicing: MAN, Neoplan
 Terminal W, Pulley w/o, B+ M8,
 Length 189.00
 B: 80.20 mm



113295 Alternator 28 V, 55 Amp
 Replacing: 11.209.609, 72445894, AAK5907
 Servicing: MAN
 Terminal W, Pulley w/o, B+ M8,
 Length 180.00
 B: 80.25 mm



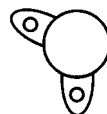
113340 Alternator 14 V, 70 Amp
 Replacing: AAK5547
 Servicing: VW, Audi, Skoda, Seat
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 192.50
 A: 39.00 B: 14.00 C: 62.00 mm



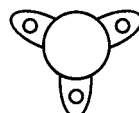
113351 Alternator 28 V, 100 Amp
 Replacing: 11.209.606, 72445886, AAN5395
 Servicing: Mercedes-Benz, DAF, MAZ, VW
 Terminal W, Pulley w/o, B+ M8,
 Length 196.00
 Alternative no.: 115557
 B: 80.00 mm



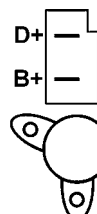
113376 Alternator 14 V, 55 Amp
 Replacing: 11.201.214, 11.201.309,
 11.201.928, AAK1131, AAK1181, AAK3130,
 AAK4143
 Servicing: Opel, Vauxhall, Lancia, Bedford,
 Fiat
 Terminal W, Pulley P, Grooves 1,
 B+ M6, Length 167.50
 A: 76.60 B: 56.20 mm



113442 Alternator 14 V, 90 Amp
 Replacing: 11.203.007, AAK5308
 Servicing: Mercedes-Benz
 Terminal W, Pulley SP/FW, Grooves 6,
 B+ M8, Length 186.50
 A: 84.80 B: 56.00 mm



113448 Alternator 28 V, 100 Amp
 Replacing: 11.209.422, 11.209.600,
 72445470, AAN0112, AAN3112, AAN3211
 Servicing: Mercedes, Mercedes-Benz
 Terminal W, Pulley w/o, B+ M8,
 Length 211.00
 Alternative no.: 116585
 B: 80.00 mm



113469 Alternator 14 V, 33 Amp
 Manufacturer: Mahle Letrika
 Replacing: 11.201.062, AAG1307
 Servicing: Marshall, Steyr
 Pulley P, Grooves 1, B+ 9.40, Length 156.00
 Dust proof.
 A: 75.50 B: 55.90 mm



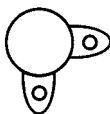
113470 Alternator 28 V, 35 Amp

Replacing: 11.201.479, 11.201.586, 11.203.404, 11.204.052, AAK1337, AAK3820, AAK4348, AAK4531

Servicing: Iveco, KHD, Agco, Agco Allis, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, John Deere, Liebherr

Terminal W, Pulley w/o, B+ M6, Length 174.00

B: 55.80 mm



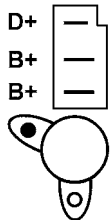
113471 Alternator 14 V, 65 Amp

Replacing: 11.201.695, AAK4556

Servicing: Fiat, Lancia

Pulley SP, Grooves 4, B+ M6, Length 162.00

A: 54.50 B: 32.00 mm



113474 5★ Alternator 14 V, 65 Amp

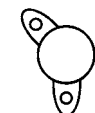
Manufacturer: Mahle Letrika

Replacing: 11.201.396, 11.201.913, AAK1324, AAK3320

Servicing: Austin, Rover, Ford, Landini, Massey Ferguson

Terminal W, Pulley P, Grooves 1, B+ Plug, Length 171.50

A: 35.90 B: 11.00 C: 82.55 mm



113477 Alternator 28 V, 55 Amp

Replacing: 11.201.746, 11.201.939, AAK1383, AAK3334

Servicing: Volvo BM, Ford, DAF, Volvo Penta

Terminal W, Pulley w/o, B+ M6, Length 184.00, Insulated return Yes

B: 50.80 mm



113485 Alternator 14 V, 80 Amp

Replacing: 11.203.054, AAK5329

Servicing: Citroen, Peugeot, Fiat, Suzuki, Lancia

Pulley SP, Grooves 6, B+ M8, Length 166.00

A: 92.00 B: 56.00 mm



113486 Alternator 14 V, 90 Amp

Replacing: 11.203.008, AAK5309

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 168.50

A: 91.85 B: 56.00 mm



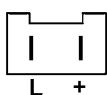
113489 Alternator 14 V, 150 Amp

Replacing: 11203164

Servicing: Daewoo, Mercedes-Benz

Pulley SP, Grooves 6, B+ M8, Length 192.50

A: 82.30 B: 56.00 mm



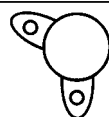
113500 Alternator 14 V, 70 Amp

Replacing: 11.201.536, AAK3595

Servicing: Renault

Terminal W, Pulley SP, Grooves 6, B+ M6, Length 165.00

A: 46.50 B: 27.00 C: 65.60 mm



113503 Alternator 14 V, 120 Amp

Replacing: 11.203.458, AAK5585

Servicing: Citroen, Peugeot, Fiat, Lancia

Pulley SP, Grooves 6, B+ M8, Length 177.00

A: 43.00 B: 22.20 C: 45.00 mm



113510 Alternator 14 V, 140 Amp

Replacing: 11.203.921, AAN5792

Servicing: Audi, VW, Skoda

Pulley SP, Grooves 6, B+ M8, Length 181.00

A: 30.00 B: 14.10 C: 82.00 mm



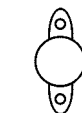
113529 Alternator 14 V, 120 Amp

Replacing: 11.203.087, 11.203.088, 11.203.494, 11.203.730, 11.203.822, 11.203.853, AAK5354, AAK5355, AAK5592

Servicing: Ford, New Holland

Terminal W, Pulley SP, Grooves 8, B+ M6, Length 204.40

A: 33.00 B: 14.10 C: 83.30 mm



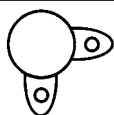
113531 Alternator 14 V, 120 Amp

Replacing: 11.203.332, 11.204.405, AAK4321

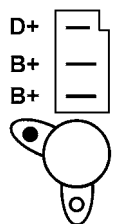
Servicing: John Deere lawn equipment w/ cooling eng

Terminal W, Pulley w/o, B+ M8, Length 172.00

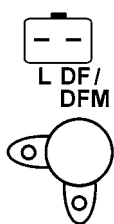
B: 56.20 mm



113533 Alternator 14 V, 65 Amp
 Replacing: 11.201.711, AAK4569
 Servicing: Fiat, Lancia, Lombardini
 Terminal W, Pulley P, Grooves 1,
 B+ M6, Length 160.00
 A: 52.00 B: 31.80 mm



113574 Alternator 14 V, 65 Amp
 Replacing: 11.201.276, AAK4118
 Servicing: Case, Valmet, Ford, New Holland,
 Valtra
 Terminal W, Pulley P, Grooves 1,
 B+ Plug, Length 177.50
 A: 36.85 B: 10.40 C: 83.00 mm



113575 Alternator 14 V, 80 Amp
 Replacing: 11.203.709, AAK5740
 Servicing: Peugeot, Citroen, Fiat
 Pulley SP, Grooves 6, B+ M8,
 Length 162.00
 A: 42.00 B: 22.00 C: 45.00 mm



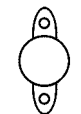
113603 Alternator 14 V, 80 Amp
 Replacing: 11.203.708, AAK5739
 Servicing: Citroen, Fiat, Peugeot
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 172.00
 A: 42.00 B: 22.00 C: 46.00 mm



113610 Alternator 14 V, 120 Amp
 Replacing: 11.201.925, 11.203.099,
 11.204.583, AAK5181, AAK5364, AAK5851
 Servicing: Valmet, AGCO, Valtra
 Terminal W, Pulley w/o, Fan IF, B+ M6,
 Length 191.00
 B: 56.00 mm



113631 Alternator 14 V, 90 Amp
 Replacing: 11.203.416, AAK4352
 Servicing: Volvo Penta, BMW, Bukh
 Terminal W, Pulley P, Grooves 1, B+ M6,
 Length 178.00, Insulated return Yes
 A: 79.25 B: 51.00 mm



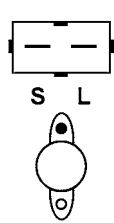
113632 Alternator 14 V, 85 Amp
 Replacing: 11.201.934, 11.201.989,
 11.204.391, AAK3329, AAK4829, AAK5197
 Servicing: John Deere lawn equipment w/
 cooling engLada
 Terminal W, Pulley w/o, B+ M8,
 Length 170.00
 B: 56.10 mm



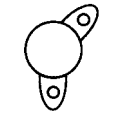
113640 Alternator 14 V, 150 Amp
 Replacing: 11.203.512, 11.204.006, AAN5549
 Servicing: Fiat, Peugeot, Citroen, Lancia
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 177.50
 A: 42.50 B: 21.20 C: 45.80 mm



113707 Alternator 14 V, 200 Amp
 Manufacturer: Bosch
 Replacing: 11.204.424, AAN5840
 Servicing: John Deere, AGCO, Atlas Copco,
 Case IH, Caterpillar, Claas, Cummins, Gehl,
 Ingersoll-Rand, Kohler, Liebherr
 Pulley w/o, B+ M8, Length 174.50
 Alternative no.: 116623
 B: 56.00 mm



113716 Alternator 14 V, 120 Amp
 Replacing: 11.204.069, AAK3834
 Servicing: Thermo King, Yanmar
 Terminal W, Pulley w/o, B+ M6,
 Length 167.50
 B: 51.00 mm



113738 Alternator 28 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: 11.203.155, 11.203.396,
 11.204.040, AAK5376, AAK5565
 Servicing: Deutz, KHD, Various Industrial
 applications
 Terminal W, Pulley w/o, B+ M8, Length 193.75
 Dust proof.
 Alternative no.: 116155
 B: 56.00 mm



113755 Alternator 14 V, 150 Amp
 Replacing: AAN8119
 Servicing: Citroen, Peugeot, Fiat, Lancia,
 Suzuki, Toyota
 Pulley SP, Grooves 6, B+ M8, Length 175.00
 A: 43.00 B: 21.00 C: 45.10 mm



113768 5★ Alternator 14 V, 95 Amp

Manufacturer: Mahle Letrika

Replacing: 11.201.790, 11.203.062, 11.203.063, 11.203.397, 11.203.398, 11.204.037, AAK5141, AAK5335, AAK5336

Servicing: Deutz, Mercedes-Benz, Ssangyong, Volvo, Volvo Penta

Terminal W, Pulley w/o, B+ M8, Length 193.00

Dust proof.

Alternative no.: 116550

B: 56.00 mm



L DFM



113771 Alternator 14 V, 190 Amp

Replacing: 11.203.468, 11.203.631, AAN7101, AAN7111

Servicing: Mercedes, Mercedes-Benz

Pulley SP/FW, Grooves 6, B+ M8, Length 196.00

Water cooled.

A: 33.00 B: 93.45 C: 56.75 mm



L DFM



113772 Alternator 14 V, 190 Amp

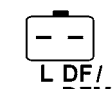
Replacing: 11.203.632, AAN7112

Servicing: Mercedes, Mercedes-Benz

Pulley SP/FW, Grooves 6, B+ M8, Length 195.00

Water cooled.

A: 31.00 B: 93.50 C: 56.00 mm



L DF/DFM



113837 Alternator 14 V, 150 Amp

Replacing: 11.203.819, AAN5742

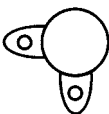
Servicing: Opel, Renault, Nissan, Vauxhall

Pulley SP, Grooves 7, B+ M8, Length 186.00

A: 33.00 B: 14.30 C: 60.00 mm



L DFM



113888 Alternator 14 V, 90 Amp

Replacing: 11.204.431, AAK5837

Servicing: VW, Nissan

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 188.00

A: 39.00 B: 14.00 C: 59.00 mm



113895 Alternator 28 V, 80 Amp

Replacing: 11.205.059, AAN3141, AAN3206

Servicing: KHD, Various Industrial applications

Terminal W, Pulley w/o, B+ M8, Length 180.00

B: 56.00 mm



L DF/DFM



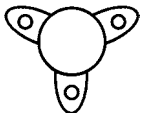
113919 Alternator 14 V, 125 Amp

Replacing: 11.204.026, AAK5791

Servicing: Nissan, Renault

Pulley SP, Grooves 7, B+ M8, Length 175.00

A: 32.50 B: 14.20 C: 60.70 mm



113920 Alternator 28 V, 35 Amp

Replacing: 11.201.709, AAK1368

Servicing: Ford, MAN, Mercedes-Benz, Nissan, Padane

Terminal W, Pulley w/o, B+ M8, Length 176.00

B: 80.40 mm



113949 Alternator 14 V, 150 Amp

Replacing: 11.203.051, 11.203.065, 11.203.103, 11.204.254, 11.204.276, AAN5120, AAN5122, AAN5125, AAN8166

Servicing: Case IH, Claas, John Deere, Mercedes-Benz, Renault, Steyr

Terminal W, Pulley w/o, B+ M8, Length 185.00

B: 56.00 mm



113967 Alternator 14 V, 120 Amp

Replacing: 11.203.175, 11.203.443

Servicing: Caterpillar, Manitou, Mitsubishi, Perkins

Terminal W, Pulley w/o, B+ M6, Length 182.00

B: 13.00 C: 83.00 mm



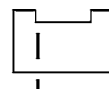
113986 Alternator 14 V, 120 Amp

Replacing: 11.203.181, AAK5388

Servicing: Agrofex, Agrometer, Agtec, Atlas Copco, Bobcat, Case IH, Claas, Cummins, Hitachi, Ingersoll-Rand

Pulley SP, Grooves 8, B+ M8

A: 76.80 B: 50.00 mm



L

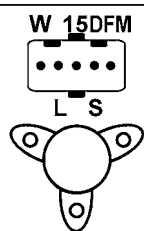


113991 Alternator 14 V, 80 Amp

Replacing: 11.203.107, AAK2307

Servicing: Agco Allis, Atlas Copco, Bomag, Case, Fendt, Ingersoll-Rand, JCB, KHD, Liebherr, Terex, Thwaites

Terminal W, Pulley w/o, B+ M6



113998 Alternator 28 V, 110 Amp

Replacing: 11.209.607, 11.209.611, 72445887, 72446572, AAN5396, AAN5399

Servicing: MAN

Terminal W, Pulley w/o, B+ M8, Length 198.00

Alternative no.: 115492

B: 79.50 mm



113999 Alternator 14 V, 150 Amp

Replacing: 11.203.124, 11.203.198, 11.203.363, 11.203.719, 11.203.870, 11.204.159, 11.204.239, AAN5138

Servicing: Case, Cummins, John Deere, New Holland

Terminal W, Pulley w/o, B+ M8, Length 230.00

B: 13.80 C: 103.20 mm



114000 Alternator 14 V, 120 Amp

Replacing: 11.203.281, AAK5533

Servicing: Claas

Terminal W, Pulley SP, Grooves 8, B+ M8, Length 187.00

A: 83.00 B: 56.00 mm



114004 Alternator 14 V, 150 Amp

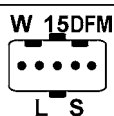
Replacing: 11.203.119, AAN5125, AAN5136, IA1057, IA1057

Servicing: Fendt, Mercedes-Benz, Various Agriculture Vehicles

Terminal W, Pulley SP, Grooves 7, B+ M8, Length 195.00

Iskra type.

A: 81.67 B: 56.00 mm



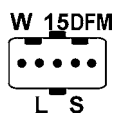
114008 Alternator 28 V, 80 Amp

Replacing: 11.209.610, AAN5398

Servicing: MAN

Pulley w/o, Fan IF, B+ M8, Length 191.00

B: 80.00 mm



114028 Alternator 28 V, 80 Amp

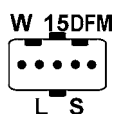
Replacing: 11.209.612, 72446574, AAN5401

Servicing: Scania

Terminal W, Pulley SP, Grooves 8, Fan IF, B+ M8

Alternative no.: 115493

A: 21.00 B: 85.00 C: 35.50 mm



114036 Alternator 28 V, 80 Amp

Replacing: 11.209.601, 72445479, AAN5390

Servicing: DAF

Pulley SP, Grooves 8, B+ M8, Length 194.00

Alternative no.: 116116

A: 37.00 B: 14.00 C: 80.00 mm



114049 Alternator 14 V, 120 Amp

Replacing: 11.201.970, 11.201.976, 11.203.033, 11.203.365, 11.203.388, AAK5189, AAK5193, AAK5194, AAK5323

Servicing: Massey Ferguson

Terminal W, Pulley w/o, Fan IF, B+ M6, Length 186.00

B: 14.00 C: 83.00 mm



114077 Alternator 28 V, 40 Amp

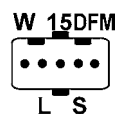
Manufacturer: Mahle Letrika

Replacing: 11.201.485, AAK2303

Servicing: Agco Allis, Atlas Copco, Bomag, Case, Fendt, Ingersoll-Rand, JCB, John Deere, KHD, Liebherr, Terex

Terminal W, Pulley w/o, B+ M6, Length 163.00

Dust proof.



114078 Alternator 28 V, 120 Amp

Replacing: 11.209.624, 72445850, AAN5413

Servicing: Volvo

Pulley SP, Grooves 8, B+ M8, Length 215.00

Alternative no.: 115494

A: 45.00 B: 14.00 C: 105.50 mm



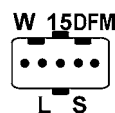
114081 Alternator 14 V, 95 Amp

Replacing: 11.201.908, AAK5175

Servicing: JCB

Terminal W, Pulley SP, Grooves 8, B+ M8, Length 200.00

A: 32.50 B: 14.00 C: 78.00 mm



114089 Alternator 28 V, 80 Amp

Replacing: 11.209.615, 72446578, AAN5404

Servicing: Bova, DAF, Solaris

Terminal W, Pulley w/o, B+ M8, Length 178.80

Alternative no.: 115495

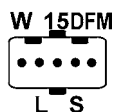
B: 97.00 C: 41.50 mm



114110 Alternator 28 V, 80 Amp
Replacing: 11.203.043, 11.203.064, 11.204.280, AAN5116, AAN5121, AAN8189
Servicing: Bomag, Deutz-Fahr, Hyundai, KHD
Terminal W, Pulley w/o, Fan IF, B+ M8, Length 190.00
B: 56.00 mm



114192 Alternator 14 V, 200 Amp
Replacing: 11.203.389, 11.204.187, AAN5346, AAN5511
Servicing: Deutz-Fahr, Fendt
Terminal W, Pulley w/o, Fan IF, B+ M8, Length 178.00
Alternative no.: 116551 ★
B: 56.00 mm



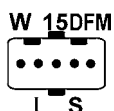
114212 Alternator 28 V, 110 Amp
Replacing: 11.209.604, 11.209.619, 11.209.620, 11.209.622, 72445494, 72445846, 72446708, 72446709, AAN5393
Servicing: Renault V.I., Volvo, Volvo Penta
Pulley w/o, B+ M8, Length 201.80
Alternative no.: 115488 ★
B: 13.50 C: 106.00 mm



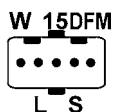
114228 Alternator 14 V, 150 Amp
Replacing: 11.203.734, 11.203.825, 11.203.882, 11.204.174, 11.204.233, AAN5333, AAN5708, AAN5745, AAN5776
Servicing: Agrifac, Case, Case IH, Claas, Landini, McCormick, New Holland, Steyr
Pulley SP, Grooves 10, B+ M8, Length 215.00
A: 83.50 B: 56.00 mm



114289 Alternator 14 V, 45 Amp
Replacing: 11.201.951, 11.203.060, 11.203.390, AAK3345, AAK3368, AAK4342
Servicing: KHD
Pulley w/o, Fan EF, B+ M6, Length 167.00
B: 56.00 mm



114296 Alternator 28 V, 90 Amp
Replacing: 11.209.603, 72445477, AAN5392
Servicing: Iveco, Ginaf, Heuliez, Irisbus, Temsa
Pulley SP, Grooves 8, Fan IF, B+ M8
Alternative no.: 115489 ★
A: 37.00 B: 14.00 C: 81.00 mm



114314 Alternator 28 V, 110 Amp
Replacing: 11.209.616, 72446642, AAN5405
Servicing: DAF, Bova, Solaris, Temsa
Pulley w/o, B+ M8, Length 194.00
Alternative no.: 116514 ★
B: 97.00 C: 40.00 mm



114379 Alternator 14 V, 150 Amp
Replacing: 11.204.502, AAN5869
Servicing: AGCO, Atlas Copco, Case IH, Caterpillar, Claas, Cummins, Gehl, Ingersoll-Rand, John Deere, Kohler
Pulley w/o, B+ M8, Length 180.00
B: 56.30 mm



114450 ★ Alternator 14 V, 120 Amp
Manufacturer: Mahle Letrika
Replacing: 11.203.302, 11.203.714, 11.204.327, 11.204.484, 11.204.490, AAK1832, AAK4314, AAK4858
Servicing: Case, Iseki, Manitex, Manitou, Mitsubishi, New Holland, Terex
Terminal W, Pulley SP, Grooves 8, B+ M8
A: 55.00 B: 11.00 C: 52.00 mm



114464 ★ Alternator 28 V, 55 Amp
Manufacturer: Mahle Letrika
Replacing: 11.203.061, 11.203.399, AAK5334, AAK5568
Servicing: Deutz-Fahr, KHD
Terminal W, Pulley w/o, B+ M8, Length 194.30
Alternative no.: 116455
B: 55.00 mm



114465 Alternator 14 V, 70 Amp
Replacing: 11.201.856, 11.201.945, AAK3305, AAK3339
Servicing: Volvo BM
Pulley P, Grooves 1, Fan EF, B+ M8
Dust proof.
A: 76.00 B: 51.00 mm



114469 Alternator 14 V, 175 Amp
Replacing: 11.203.191, 11.203.720, AAN5702
Servicing: Case
Pulley w/o, B+ M8
Dust proof.
B: 13.00 C: 101.00 mm



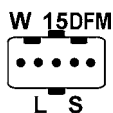
114471 Alternator 28 V, 80 Amp
Manufacturer: Mahle Letrika
Replacing: 11.204.160, AAN5513
Servicing: KHD
Terminal W, Pulley w/o, B+ M8, Length 192.00, Insulated return Yes
Dust proof.
B: 56.00 mm



114513 Alternator 14 V, 95 Amp
Replacing: 11.201.738, AAK5125
Servicing: Claas, Mercedes-Benz, Renault Agriculture
Terminal W, Pulley SP, Grooves 8, B+ M8, Length 183.00
A: 83.00 B: 56.00 mm



114514[#] Alternator 14 V, 95 Amp
Replacing: 11.201.830, AAK5157
Servicing: Renault Agriculture
Terminal W, Pulley SP, Grooves 8, B+ M8, Length 182.00
A: 77.10 B: 50.00 mm



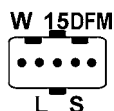
114528 Alternator 28 V, 120 Amp
Replacing: 11.209.608, 72445895, AAN5397
Servicing: MAN, Neoplan, Temsa
Pulley w/o, Fan IF, B+ M8, Length 202.00
Alternative no.: 115496
B: 80.00 mm



114671 Alternator 14 V, 120 Amp
Manufacturer: Mahle Letrika
Replacing: 11.203.383, 11.203.423, 11.203.523, AAK5560, AAK5577, AAK5599
Servicing: Massey Ferguson
Terminal W, Pulley w/o, Fan IF, B+ M8
B: 56.00 mm



114735 Alternator 14 V, 150 Amp
Replacing: AAN5308, IA1057
Servicing: Claas, Fendt, John Deere
Terminal W, Pulley w/o, B+ M8
B: 56.00 mm



114753 Alternator 28 V, 100 Amp
Replacing: 11.209.612, 11.209.614, 72446575, 72446577, AAN5401, AAN5403
Servicing: Scania
Terminal W, Pulley SP, Grooves 8, B+ M8, Length 195.00
Alternative no.: 115498
A: 20.00 B: 85.00 C: 35.50 mm



114767 Alternator 28 V, 100 Amp
Replacing: 11.203.102, 11.203.502, 11.203.694, 11.203.702, 11.204.166, 11.204.244, 11.204.255, 11.204.258
Servicing: Perkins, Various, Various Agriculture Vehicles, Various Industrial applications
Terminal W, Pulley w/o, B+ M8, Length 192.00
B: 56.00 mm



114772 Alternator 14 V, 95 Amp
Manufacturer: Mahle Letrika
Replacing: 11.203.440, 11.203.812, 11.204.115, 11.204.215, 11.204.467, AAK5583, AAK5758, AAK5807, IA1484
Servicing: Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Daedong, Fendt, Gehl, Hyster, Hyundai
Pulley SP, Grooves 8, B+ M8, Length 197.00
Alternative no.: 116456
A: 30.50 B: 14.10 C: 80.75 mm



114783 Alternator 14 V, 95 Amp
Replacing: 11.203.524, 11.204.049, 11.204.463, AAK3817, AAK4378, AAK4849
Servicing: KHD, Linde
Pulley w/o, B+ M8
B: 56.00 mm



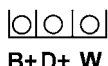
114808 Alternator 14 V, 120 Amp
Replacing: 11.203.565, 11.203.828, AAK5711, AAK5761
Servicing: Massey Ferguson, Valtra
Terminal W, Pulley w/o, B+ M8
B: 56.00 mm



114840 Alternator 14 V, 85 Amp
Manufacturer: Mahle Letrika
Replacing: 11.201.800, AAK5145
Servicing: Landini
Terminal W, Pulley DP, Grooves 2, Fan IF, B+ M6, Length 190.00
A: 96.50 B: 56.00 mm



114868 Alternator 14 V, 75 Amp
 Replacing: 11.203.350, 11.203.368,
 11.203.462, 11.203.905, AAK1888, AAK4330,
 AAK4334, AAK4363
 Servicing: Various Industrial applications
 Terminal W, Pulley SP, Grooves 8,
 B+ M8, Insulated return Yes
 A: 78.20 B: 51.00 mm



B+ D+ W



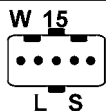
114896 Alternator 14 V, 120 Amp
 Replacing: 11.203.493, 11.203.729,
 11.203.823, AAK5591, AAK5745, AAK5760
 Servicing: Case, New Holland
 Terminal W, Pulley SP, Grooves 8,
 B+ M6, Length 203.00
 A: 32.00 B: 14.00 C: 83.60 mm



115343 Alternator 14 V, 175 Amp
 Replacing: 11.203.340, 11.204.252, AAN5193,
 AAN8164
 Servicing: Claas
 Terminal W, Pulley w/o, Fan IF, B+ M8,
 Length 235.00
 B: 14.00 C: 103.00 mm



115381 Alternator 28 V, 80 Amp
 Manufacturer: Mahle Letrika
 Replacing: 11.203.250, 11.204.240, AAN5167,
 AAN8152
 Servicing: KHD, Various Industrial applications
 Terminal W, Pulley w/o, B+ M8,
 Length 189.00, Insulated return Yes
 B: 56.00 mm



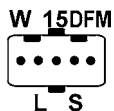
115577# Alternator 28 V, 80 Amp
 Replacing: AAN5409
 Servicing: Renault V.I., Volvo
 Pulley SP, Grooves 8, B+ M8,
 Length 212.00
 A: 45.00 B: 13.50 C: 103.50 mm



115605 Alternator 14 V, 120 Amp
 Replacing: 11.203.661, 11.204.413, AAK1816,
 AAK4835
 Servicing: John Deere
 Terminal W, Pulley SP, Grooves 8,
 B+ M8
 A: 78.00 B: 51.00 mm



115608 Alternator 14 V, 120 Amp
 Replacing: 11.203.434, AAK5581
 Servicing: Iveco, New Holland
 Terminal W, Pulley SP, Grooves 8,
 Fan IF, B+ M8
 A: 74.50 B: 50.80 mm



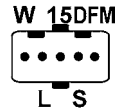
115617 Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: 11.209.617, 72446643, AAN5406
 Servicing: Bova, DAF, Solaris, Temsa
 Pulley w/o, B+ M8
 Alternative no.: 115618
 B: 80.00 mm



115682 Alternator 14 V, 200 Amp
 Manufacturer: Mahle Letrika
 Replacing: 11.203.826, 11.204.175, AAN5334
 Servicing: Case
 Pulley SP, Grooves 10, B+ M8,
 Length 205.00
 A: 84.00 B: 56.00 mm



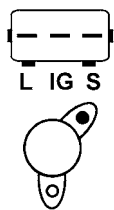
115689 Alternator 14 V, 80 Amp
 Replacing: 11.201.463, 11.203.298, AAK3166,
 AAK3563
 Servicing: Deutz-Fahr, Huerlimann, Same
 Terminal W, Pulley w/o, B+ M6,
 Length 174.00
 B: 17.00 C: 66.00 mm



115824 Alternator 28 V, 120 Amp
 Replacing: 11.209.621, 72446647, AAN5410
 Servicing: Volvo
 Pulley SP, Grooves 8, B+ M8,
 Length 220.00
 Alternative no.: 116674
 A: 45.00 B: 13.60 C: 107.00 mm



115851 Alternator 28 V, 60 Amp
 Replacing: 11.203.100, 11.204.584, AAK5365,
 AAK5852
 Servicing: Agco Power (Sisu diesel)
 Terminal W, Pulley w/o, B+ M6,
 Length 190.00, Insulated return Yes
 B: 56.00 mm



115871 5★ Alternator 28 V, 90 Amp
Manufacturer: Mitsubishi
Replacing: 11.209.454, AAN5795
Servicing: Iveco
Pulley SP, Grooves 12, B+ M8, Length 204.00
Alternative no.: 112427
A: 90.00 **B:** 58.00 mm



115873 5★ Alternator 14 V, 55 Amp
Manufacturer: Marelli
Replacing: 11.201.585, AAK4530
Servicing: Alfa Romeo, Fiat, Iveco
Pulley P, Grooves 1, B+ M6, Length 172.00
Alternative no.: 111418
A: 49.00 **B:** 17.00 **C:** 65.00 mm



115899 Alternator 28 V, 55 Amp
Replacing: 11.203.441, 11.204.116, AAK5584, AAK5808
Servicing: JCB
Terminal W, Pulley SP, Grooves 8, Fan IF, B+ M8, Length 201.00
Dust proof.
A: 32.00 **B:** 14.20 **C:** 78.00 mm



115970 5★ Alternator 14 V, 55 Amp
Manufacturer: Mahle Letrika
Replacing: 11.203.452, 11.203.476, 11.203.726, 11.204.067, 11.204.073, 11.204.098, AAG5103, AAG5104, AAG5116
Servicing: Bomag, JCB, KHD, Terex
Terminal W, Pulley P, Grooves 1, B+ M6, Length 160.00
A: 43.50 **B:** 18.00 **C:** 67.00 mm



115971# 5★ Alternator 14 V, 55 Amp
Manufacturer: Mahle Letrika
Replacing: 11.203.970, 11.204.454, AAG5131, AAG5138
Servicing: Deutz-Fahr, KHD
Pulley P, Grooves 1, B+ M6, Length 159.00
A: 43.50 **B:** 19.00 **C:** 67.00 mm



115987 Alternator 14 V, 143 Amp
Replacing: IA1057
Servicing: Fendt
Pulley w/o, B+ M8, Length 184.00
Bosch Type.
Alternative no.: 112196 5★
B: 56.00 mm



116018 Alternator 28 V, 55 Amp
Replacing: 11.201.753, AAK1385
Servicing: Atlas Copco, Bomag, Case, Deutz-Fahr, Fendt, John Deere, Liebherr, Still, Terex, Volvo, Yanmar
Terminal W, Pulley P, Grooves 1, B+ M6, Length 178.00, Insulated return Yes
Dust proof.
A: 77.50 **B:** 55.00 mm



116023 Alternator 28 V, 50 Amp
Replacing: 11.203.369, 11.203.461, AAK4335, AAK4362
Servicing: John Deere
Terminal W, Pulley SP, Grooves 8, B+ M6, Length 188.00, Insulated return Yes
Dust proof.
A: 79.00 **B:** 51.00 mm



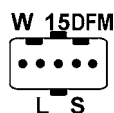
116063 Alternator 28 V, 140 Amp
Replacing: 11.201.519, 11.201.757, 11.201.895, 11.203.139, 11.203.240, 11.203.241
Servicing: Mercedes-Benz, Drögmöller, Setra, Various Agriculture Vehicles
Terminal W, Pulley w/o, B+ M8, Length 302.00
B- M8. Shaft 30.00 mm. w/o bushing in rear bracket hole.
Alternative no.: 111833
B: 15.70 **C:** 182.00 mm



116111 5★ Alternator 14 V, 80 Amp
Manufacturer: Lucas
Replacing: 11.201.983, 11.203.393, 11.203.888, AAK1882, AAK3354, AAK4345
Servicing: Massey Ferguson
Terminal W, Pulley w/o, Fan EF, B+ M5, Length 168.00
Axle 17 mm
B: 11.00 **C:** 83.00 mm



116114 Alternator 14 V, 80 Amp
Replacing: 11.201.984, 11.201.985, 11.203.392, AAK3355, AAK3356, AAK4344
Servicing: Massey Ferguson
Pulley DP, Grooves 2, B+ M8, Length 186.00
A: 38.45 **B:** 11.10 **C:** 81.70 mm



116117 5★ Alternator 28 V, 100 Amp
Manufacturer: Bosch
Replacing: 11.209.618, 72446644, AAN5407
Servicing: DAF
Terminal W, Pulley SP, Grooves 8, Fan IF, B+ M8, Length 197.00
Alternative no.: 116118
A: 37.00 **B:** 14.00 **C:** 80.50 mm



116126 Alternator 14 V, 65 Amp
Replacing: 11.201.876, AAK3312
Servicing: Case, McCormick
Pulley P, Grooves 1, Fan EF, B+ M5, Length 168.00
A: 36.00 B: 11.00 C: 83.00 mm



116129 ★ Alternator 14 V, 90 Amp
Manufacturer: Mahle Letrika
Replacing: 11.203.005, 11.203.167, 11.203.186, AAK5306, AAK5382, AAK5391
Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong
Terminal W, Pulley w/o, B+ M8, Length 185.00
Alternative no.: 112529
B: 56.00 mm



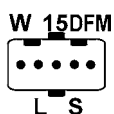
116131 ★ Alternator 14 V, 33 Amp
Manufacturer: Mahle Letrika
Replacing: 11.201.115, 11.201.500, 11.201.502, 11.201.507, AAG1314, AAG1338, AAG1340, AAG1341
Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini
Pulley P, Grooves 1, B+ M6, Length 164.00
Alternative no.: 111662
A: 79.80 B: 56.00 mm



116133 ★ Alternator 14 V, 33 Amp
Manufacturer: Mahle Letrika
Replacing: 11.201.037, 11.201.783, AAG0402, AAG1104, AAG1130
Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
Pulley P, Grooves 1, B+ 9.30
Alternative no.: 111180
A: 48.50 B: 24.30 C: 73.50 mm



116155 Alternator 28 V, 55 Amp
Replacing: 11.203.155, 11.203.396, 11.204.040, AAK5376, AAK5565
Servicing: Deutz, KHD, Various Industrial applications
Terminal W, Pulley w/o, B+ M8, Length 193.75
Dust proof.
Alternative no.: 113738 ★
B: 56.00 mm



116310 Alternator 28 V, 80 Amp
Replacing: 11.209.623, 72445848, AAN5412
Servicing: Volvo
Pulley SP, Grooves 8, Fan IF, B+ M8, Length 216.00
A: 44.50 B: 13.00 C: 105.00 mm



116453 Alternator 14 V, 115 Amp
Replacing: 11.203.204, AAN5156
Servicing: John Deere
Pulley w/o, Fan IF, Length 177.00
B: 56.00 mm



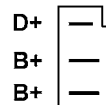
116454 Alternator 14 V, 95 Amp
Replacing: 11.201.666, 11.201.675, 11.203.016, 11.203.098, 11.204.582, AAK5114, AAK5118, AAK5315, AAK5363
Servicing: AGCO, JCB, Same, Valtra
Terminal W, Pulley w/o, Fan IF, Length 190.50
Alternative no.: 112556 ★
B: 56.00 mm



116455 Alternator 28 V, 55 Amp
Replacing: 11.203.061, 11.203.399, AAK5334, AAK5568
Servicing: KHD
Terminal W, Pulley w/o, Fan IF, Length 194.30
Alternative no.: 114464 ★
B: 55.00 mm



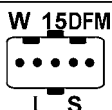
116456 Alternator 14 V, 95 Amp
Replacing: 11.203.440, 11.203.812, 11.204.115, 11.204.215, 11.204.467, AAK5583, AAK5758, AAK5807, IA1484
Servicing: Case, Caterpillar, Daedong, Gehl, Hyster, Hyundai, JCB, John Deere, Landini, Manitou, McCormick
Pulley SP, Grooves 8, Fan IF, Length 197.00
Alternative no.: 114772 ★
A: 30.50 B: 14.10 C: 80.75 mm



116475 Alternator 28 V, 55 Amp
Replacing: 11.201.873, AAK3310
Servicing: DAF, Leyland, Lister-Petter, Perkins
Pulley SP, Grooves 8, Fan EF, B+ M8, Length 179.00
A: 33.00 B: 11.30 C: 83.00 mm



116506 Alternator 14 V, 120 Amp,
Replacing: 11.203.324, 11.203.657, 11.204.686, 48201109, 48201171, 48201303, AAK1812, AAK4319, AAK4937
Servicing: NANNI INDUSTRIES
Pulley w/o, Fan EF, B+ M8, Length 192.00, Insulated return Yes
Dustproof
B: 20.20 C: 71.50 mm



116514 5★ Alternator 28 V, 110 Amp
Manufacturer: Bosch
Replacing: 11.209.616, 72446642, AAN5405
Servicing: Bova, DAF, Solaris, Temsa
Pulley w/o, Fan IF
Alternative no.: 114314



116524 Alternator 28 V, 55 Amp,
Replacing: 11.201.742, AAK1381, 554187RI, A9209, CAL10644, CAL21607, IA0742, IA1376, LEA0532, MG245
Servicing: Vetus
Pulley P, Grooves 1, Fan EF, B+ M6, Length 168.00
A: 77.00 B: 56.00 mm



116544 Alternator 14 V, 95 Amp
Replacing: 11.204.136, 11.204.685, 11.204.716, AAK3868, AAK4936, AAK4953
Servicing: Bomag, Claas, Clark, Deutz-Fahr, Fendt, Gehl, Genie, Hamm, Hurlimann, JCB, Lamborghini, Linde
Fan EF, B+ M8, Length 170.00
B: 56.00 mm



116545 Alternator 14 V, 65 Amp
Replacing: 11.201.513, 11.204.372, AAK3581, AAK4821, IA0513
Servicing: Caterpillar, Fendt, Renault
Pulley P, Grooves 1, Fan EF, B+ M6, Length 178.00
A: 61.00 B: 27.00 mm



116547 Alternator 14 V, 120 Amp
Replacing: 11.204.137, 11.204.717, 11.204.779, AAK3869, AAK4954, AAK4990
Servicing: Bomag, Claas, Clark, Deutz-Fahr, Fendt, Gehl, Genie, Hamm, Hurlimann, JCB, Lamborghini, Linde
Pulley w/o, Fan EF, B+ M8, Length 175.00, Insulated return No
B: 56.00 mm



116550 Alternator 14 V, 95 Amp
Replacing: 11.201.790, 11.203.062, 11.203.063, 11.203.397, 11.203.398, 11.204.037, AAK5141, AAK5335, AAK5336
Servicing: Volvo Penta
Terminal W, Pulley w/o, Fan IF, B+ M8, Length 193.00
Alternative no.: 113768 5★
B: 56.00 mm



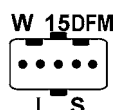
116551 5★ Alternator 14 V, 200 Amp
Manufacturer: Mahle Letrika
Replacing: 11.203.389, 11.204.187, AAN5346, AAN5511
Servicing: Deutz-Fahr, Fendt
Pulley w/o, Fan IF, B+ M8, Length 195.00
Alternative no.: 114192
B: 56.00 mm



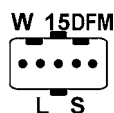
116585 5★ Alternator 28 V, 100 Amp
Manufacturer: Bosch
Replacing: 11.209.422, 11.209.600, 72445470, AAN0112, AAN3112, AAN3211
Servicing: Mercedes-Benz
Pulley SP, Grooves 8, B+ M8
Alternative no.: 113448
A: 113.00 B: 80.00 mm



116654 5★ Alternator 28 V, 80 Amp
Manufacturer: Bosch
Replacing: 11.209.421, 11.209.442, AAN3111, AAN3119
Servicing: MAZ, Mercedes-Benz
Terminal W, Pulley SP, Grooves 8, Fan EF, B+ M8, Length 188.00
Alternative no.: 112561



116674 5★ Alternator 28 V, 120 Amp
Manufacturer: Bosch
Replacing: 11.209.621, 72446647, AAN5410
Servicing: Volvo
Pulley SP, Grooves 8, Fan IF, B+ M8, Length 222.00
Alternative no.: 115824
A: 44.50 B: 13.70 C: 107.30 mm



116687 5★ Alternator 28 V, 80 Amp
Manufacturer: Bosch
Replacing: 11.209.639, AAN5491
Servicing: DAF
Pulley SP, Grooves 8, Fan IF, B+ M8, Length 210.00
A: 36.50 B: 80.00 C: 108.00 mm

NEW PRODUCT
www.hc-cargo.com

116801* Alternator 28 V, 200 Amp
Replacing: 11.204.495, AAT3352
Grooves 8



110348 Alternator 14 V, 55 Amp

Replacing: 21083701010, 2108-3701010,
2108370101004, 2108370101005,
2108370101010, 224-370701, 224-373701

Servicing: Lada

Pulley P, Grooves 1, B+ M6,

Length 162.00

A: 45.00 B: 19.60 C: 63.00 mm



110350 Alternator 14 V, 44 Amp

Replacing: 2105-3701005, 21053701010,
2105-3701010, 2105370101010, 22214B50A,
222-3701005, 222-3701010

Servicing: Lada, Fiat

Pulley P, Grooves 1, B+ M6,

Length 166.00

A: 46.50 B: 19.50 C: 60.50 mm



112191 Alternator 14 V, 80 Amp

Replacing: 2121-43701010, 21214-3701010,
9412.3701

Servicing: Lada

Pulley P, Grooves 1, B+ M6,

Length 183.50

A: 81.40 B: 56.00 mm

NEW PRODUCT

www.hc-cargo.com

116797* Alternator 14 V, 110 Amp

Replacing: 2170370101013

Grooves 6



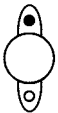
110801 Alternator 28 V, 45 Amp

Replacing: 2303JB

Servicing: Fiat-Allis, International, Cummins, Caterpillar, Atlas Copco, CaseAtlas Copco

Terminal W, Pulley w/o, B+ 1/4" UNF, Length 270.00

B: 14.80 C: 100.00 mm



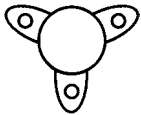
110937 Alternator 14 V, 200 Amp

Replacing: 2300J, 2300JB, 2300JC, 2360J, 2360JB, 2400J, 2400JB, 2500J, 2800LJ, 2805J, 4425JA, 4625JA, 4725JA

Servicing: Cadillac, International, Caterpillar

Terminal W, Pulley w/o, B+ M8, Length 230.00, Insulated return Yes

B: 15.00 C: 102.00 mm



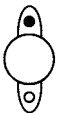
112159 Alternator 28 V, 80 Amp

Replacing: BCA3920

Servicing: Daf, Man, Mercedes-Benz, Renault V.I.

Terminal W, Pulley w/o, B+ M8, Length 186.00

B: 80.40 mm



113651[#] Alternator 14 V, 160 Amp

Replacing: 2500LJ, 2626J, 2670J, 2670JB, 2670JC, 2670LC, 2700J, 2700JB, 2700JC, 2702LC, A001090517, A001090524

Servicing: Various Industrial applications

Pulley w/o, Fan EF, B+ M8, Length 251.00, Insulated return Yes

B: 13.80 C: 103.30 mm



115386 Alternator 28 V, 140 Amp

Replacing: BLD3314, BLD3314C, BLD3314GH

Servicing: Various Agriculture Vehicles, Various Industrial applications

Pulley w/o, B+ 5/16" UNF, Length 279.00, Insulated return Yes

B: 14.00 C: 102.00 mm



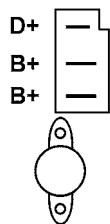
115387 Alternator 28 V, 140 Amp

Replacing: BLP3317, BLP3317A

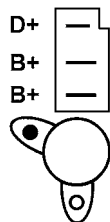
Servicing: Various Agriculture Vehicles, Various Industrial applications

Pulley w/o, B+ 5/16" UNF, Length 280.00, Insulated return Yes

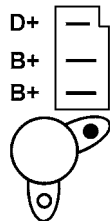
B: 80.00 mm



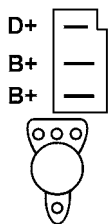
110107 Alternator 14 V, 55 Amp
Replacing: 24033, 24033A, 24124, 24124A, 24124B, 24204, 24204A, 24260A
Servicing: Massey Ferguson
Pulley P, Fan EF, B+ Plug, Length 165.00



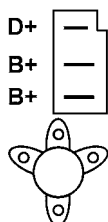
110178 Alternator 14 V, 36 Amp
Manufacturer: Lucas
Replacing: 16ACR, 23544A, 23544F, 23544H, 23548, 23548A, 23548D, 23548E, 23554, 23562, 23562A, 23562B
Servicing: Ford, Austin, Land Rover, Triumph, MG, Morris, Talbot, Vauxhall, Plymouth, Jensen, Lotus, Bedford, Case, Massey Ferguson, New Holland
Pulley w/o, B+ 9.40, Length 164.00
For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
B: 10.00 C: 87.00 mm



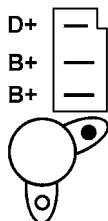
110179 Alternator 14 V, 36 Amp
Manufacturer: Lucas
Replacing: 23568, 23568A, 23572A, 23572B, 23572D, 23574, 23576, 23576A, 23576B, 23576D, 23583, 23583A, 23583B
Servicing: Ford, Land Rover, Triumph, Vauxhall, Lotus, Jaguar, Mercury, Bedford, Case, LDV International
Pulley w/o, B+ 9.40, Length 162.00
For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
B: 9.75 C: 88.00 mm



110497 Alternator 14 V, 70 Amp
Replacing: 66021070, 66021155, 66921126, NAB900
Servicing: Austin-Healey, Various Agriculture Vehicles
Terminal W, Pulley P, Grooves 1, B+ 9.40, Length 166.00
A: 42.50 B: 10.50 C: 84.00 mm



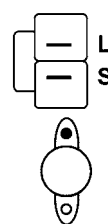
110577 Alternator 28 V, 55 Amp
Replacing: NAB903
Servicing: Various
Terminal W, Pulley DP, Grooves 2, B+ M6, Length 183.00
w/ mounting bearing bracket for left and right engine side.
A: 115.20 B: 80.10 mm



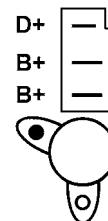
110607 Alternator 14 V, 70 Amp
Replacing: 24188, 24188A, 24188B, 24188C, 24188D, 24188E, 24230, 24230A, 24230B, 24230E, 24264, 24264A, 24264B
Servicing: Ford
Pulley SP, Grooves 4, B+ M6, Length 201.50
A: 33.70 B: 11.30 C: 83.00 mm



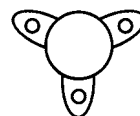
110641 Alternator 14 V, 33 Amp
Replacing: 24171, 24171A
Servicing: Deutz, Fendt, Case, Claas, GolderiBosch, BPM, Deutz-Fahr, Fahr, Kramer, Lamborghini, Liebherr, Linde
Terminal W, Pulley P, Grooves 1, B+ M6, Length 162.00
A: 76.50 B: 56.00 mm



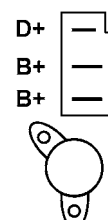
110659 Alternator 14 V, 75 Amp
Replacing: A8520
Servicing: Mitsubishi, Hyundai, Dodge, Eagle, Plymouth, Kia
Pulley SP, Grooves 4, B+ M6, Length 156.30
A: 38.15 B: 13.00 C: 55.00 mm



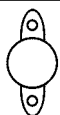
110759 Alternator 14 V, 35 Amp
Replacing: 23842A, 23896, 24211A, 61920312
Servicing: Ford, Iveco, Austin, Mercury
Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 160.00
A: 36.00 B: 10.50 C: 79.00 mm



110766 Alternator 28 V, 27 Amp
Replacing: A0924
Servicing: Atlas Copco, Iveco, MercedesCase, Deutz-Fahr, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr
Terminal W, Pulley w/o, B+ M6, Length 170.00
B: 56.00 mm



110770 Alternator 14 V, 55 Amp
Replacing: 24156A, 24157, 24157A, 24157D, 24157E, 24157F, 24161D, 24200A, 24208, 24208A, 24208B, 24240A
Servicing: Austin, Rover, MG, LDV International, Massey Ferguson, Vauxhall, Bobcat, Caterpillar, Ford, Gehl, Hako, Ingersoll-Rand, JCB, Komatsu, Manitou, Terex, Thwaites
Terminal W, Pulley w/o, B+ Plug, Length 166.00
B: 12.00 C: 82.00 mm

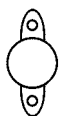


110882 Alternator 14 V, 45 Amp

Replacing: 61920270

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Seat, Same, Case IH, Lancia, Lister-Petter, New Holland, Terex, Turk Traktor
Pulley P, Grooves 1, B+ M6, Length 181.50
Connection 67 = D+ terminal.

A: 47.00 B: 16.25 C: 63.00 mm



110890 Alternator 14 V, 55 Amp

Replacing: 61920269

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Massey Ferguson, Same, Seat
Pulley P, Grooves 1, B+ M6, Length 169.00

A: 49.00 B: 17.00 C: 63.00 mm

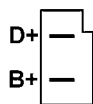


110891 Alternator 14 V, 70 Amp

Replacing: 24046, 24046A, 24046D, 24091, 24091A, 24091E, 24206, 24206A, 24206B, 24206D, 24206F, 24206H, 24220

Servicing: Ford, Land Rover, MG
Terminal W, Pulley w/o, B+ M6, Length 169.00

B: 11.30 C: 83.00 mm

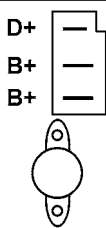


110899 Alternator 14 V, 33 Amp

Replacing: 54022240

Servicing: Fiat, DAF, Volvo, Agrifull
Pulley P, Grooves 1, B+ Plug, Length 162.00
Regulator: HC-CARGO 130675.

A: 48.45 B: 24.00 C: 74.00 mm

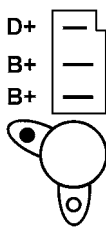


110912 Alternator 14 V, 55 Amp

Replacing: 54022240

Servicing: Fiat, Iveco, Lancia, Seat, Ferrari, Abarth, Alfa Romeo, Fiat-Allis, Pininfarina
Pulley P, Grooves 1, B+ M6, Length 162.50

A: 44.50 B: 16.40 C: 66.00 mm



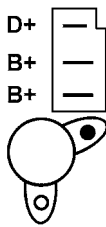
110968 Alternator 14 V, 70 Amp

Replacing: 23686, 23686A, 23686B, 23749, 23764, 23764A, 23785, 23785A, 23832, 23832A, 23832B, 23882, 23882A

Servicing: Austin, Rover, Nissan MG, Case, Dronningborg, Ford, Mercedes-Benz, Valtra
Pulley P, Grooves 1, Fan EF, B+ M6, Length 167.00

Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 11.00 C: 82.00 mm



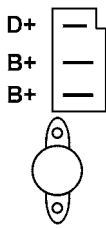
110969 Alternator 14 V, 65 Amp

Replacing: 23582, 23582A, 23582B, 23582D, 23667, 23667A, 23667B, 23667D, 23696, 23696A, 23696B, 23696D, 23723

Servicing: Land Rover, Mazda, Various Agriculture Vehicles

Pulley P, Grooves 1, B+ M6, Length 167.50

A: 38.00 B: 11.00 C: 82.00 mm



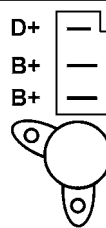
110970 Alternator 14 V, 65 Amp

Replacing: 23865A, 24123A, NAB302

Servicing: Massey Ferguson

Terminal W, Pulley P, Grooves 1, B+ M6

A: 58.00 B: 27.10 mm

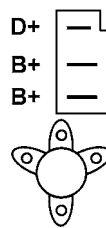


110975 Alternator 14 V, 65 Amp

Replacing: 54021649, 60021026, 60021063, 60021067, 60021068, NAB307

Servicing: VW, Audi, Various Agriculture Vehicles
Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.00

A: 82.85 B: 56.25 mm



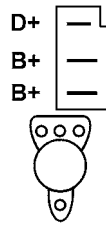
110976 Alternator 14 V, 65 Amp

Replacing: NAB902, NAB904

Servicing: Various

Terminal W, Pulley P, Grooves 1, B+ M6, Length 168.00, Insulated return No w/ mounting bearing bracket for left and right engine side. Universal Alternator. Not Insulated return.

B: 56.00 mm



110977 Alternator 28 V, 35 Amp

Replacing: NAB501, NAB901

Servicing: Universal

Terminal W, Pulley P, Grooves 1, B+ M6, Length 165.50

A: 41.80 B: 11.00 C: 84.00 mm



111035 Alternator 14 V, 65 Amp

Replacing: 24203, 24203B, 24213, 24213A, 24214, 24214A, 24214B, 54022171, 54022240

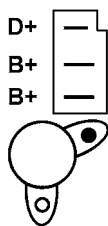
Servicing: Fiat, Lancia, Zastava, Autobianchi, Audi, Innocenti, VW, Case, Ford

Pulley P, Grooves 1, B+ M6, Length 164.50

A: 52.00 B: 23.00 C: 74.00 mm



111078 Alternator 14 V, 45 Amp
Replacing: 24041, 24041A, 24041E, 24041F, 24041H
Servicing: Fiat, Seat, Lancia, Autobianchi, Zastava
Pulley P, Grooves 1, B+ M6,
Length 169.00
A: 53.25 B: 23.50 mm



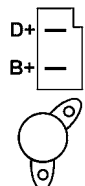
111086 5★ Alternator 14 V, 65 Amp
Manufacturer: Mahle Letrika
Replacing: 23864, 23864A, 24027, 24027A, 24027B, 24062, 24062A, 24115, 24118, 24118A, 24118H, 24118J, 24145D
Servicing: Ford, Austin, Rover, MG, Mercury, Renault, Suzuki
Pulley P, Grooves 1, B+ Plug,
Length 170.00
A: 34.60 B: 10.80 C: 81.00 mm



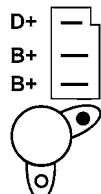
111148 Alternator 14 V, 65 Amp
Replacing: 54022420
Servicing: Fiat, Lancia, Zastava, Autobianchi
Pulley P, Grooves 1, B+ M6,
Length 165.50
A: 52.25 B: 23.00 C: 73.00 mm



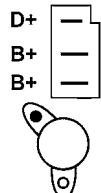
111176 Alternator 14 V, 75 Amp
Replacing: 24157E, 24207, 24207A, 24217, 24217A, 24217B, 24217E, 24217F, 24221, 24221A, 24221B, 24259, 24334
Servicing: Ford, Land Rover, LDV
Terminal W, Pulley P, Grooves 1,
Fan EF, B+ M6, Length 166.50
A: 35.50 B: 11.25 C: 81.65 mm



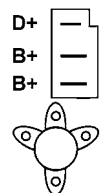
111180 Alternator 14 V, 33 Amp
Replacing: 54022240
Servicing: Fiat, Lamborghini, Same, Zastava, Fiat-Allis
Pulley P, Grooves 1, B+ 9.40
Alternative no.: 116133 5★
A: 49.00 B: 25.00 mm



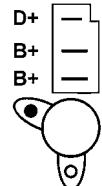
111184 Alternator 14 V, 43 Amp
Replacing: 23616, 23616A, 23616B, 23616D, 23618, 23618A, 23618B, 23618D, 23618E, 23619, 23619A, 23619D, 23673
Servicing: Ford, Vauxhall, Land Rover, Triumph, Massey Ferguson
Pulley w/o, Length 186.00
For pulley w/ 17.00 mm bore use bushing:
HC-CARGO 134894.
B: 9.85 C: 87.00 mm



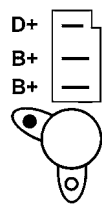
111185 Alternator 14 V, 43 Amp
Replacing: 23573, 23573A, 23573B, 23573D, 23617, 23617A, 23617B, 23617D, 23622, 23622A, 23622B, 23677, 23677B
Servicing: Austin, Rover, Land Rover, Ford, Vauxhall, MG, Morris, Lotus, Triumph, Case, Jaguar, LDV, Massey Ferguson
Pulley w/o, Length 169.50 For pulley w/ 17.00 mm bore use bushing:
HC-CARGO 134894.
B: 9.80 C: 88.00 mm



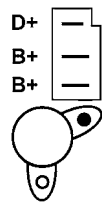
111204 Alternator 14 V, 70 Amp
Replacing: 23986, 23986A, 23991, 23991A, 23999, 23999A, 23999B, 24014, 24014A, 24016, 24016A, 24017, 24017A
Servicing: Austin, Case, Jaguar, Rover, TVR
Pulley P, Grooves 1, B+ M6, Length 166.00
w/ mounting bearing bracket for left and right engine side.
A: 54.15 B: 27.00 mm



111289 Alternator 14 V, 70 Amp
Replacing: 23842A, 23896, 23896A, 23929, 23929A, 23929D, 24037A, 24037B, 24054, 24054A, 24054F, 24089
Servicing: Ford, Austin, Rover, Land Rover, MG, Massey Ferguson, Morris, CaseCummins, Dronningborg, New Holland
Terminal W, Pulley P, Grooves 1,
Fan EF, B+ 9.40, Length 175.00
A: 35.00 B: 12.50 C: 80.00 mm



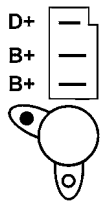
111355 Alternator 14 V, 65 Amp
Replacing: 24156A, 24157E, 24158, 24158A, 24158B, 24158D, 24161D, 24200A, 24202, 24209, 24209A, 24209B, 24245
Servicing: Austin, Rover, Nissan MG, Massey Ferguson, New Holland, Dronningborg, Valmet, Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hako, Hyundai, Ingersoll-Rand, JCB
Terminal W, Pulley P, Grooves 1,
B+ M6-6.30, Length 163.50
A: 37.00 B: 11.50 C: 81.00 mm



111356 Alternator 14 V, 55 Amp
Replacing: 24072A, 24072B, 24145D, 24156A, 24200A, 24260A, 24262A, 54021506, 54021879, 54022059, 54022173
Servicing: FordRover, Various Agriculture Vehicles
Terminal W, Pulley SP, Grooves 3, B+ 9.40
A: 43.00 B: 10.80 C: 81.00 mm



111361 Alternator 14 V, 67 Amp
Replacing: 24286, 24286A, 24286F, 24411, 24418, 54022308, 54022375, 54022608, 54022653, 54022654, 54022662
Servicing: Nissan
Terminal W, Pulley SP, Grooves 4,
B+ M6, Length 176.50
A: 69.65 B: 25.00 C: 81.00 mm



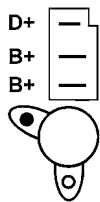
111362 Alternator 14 V, 55 Amp

Replacing: 24156A, 24157E, 24200A, 24215, 24215A, 24249, 24261, 24261A, 24262A, 24277, 24277A, 24289, 24289A

Servicing: Ford, Land Rover, Rover, MG, Austin, Valmet, Cummins, Massey Ferguson, New Holland, Valtra

Terminal W, Pulley P, Grooves 1, B+ Plug, Length 165.50

A: 34.50 B: 11.00 C: 81.00 mm



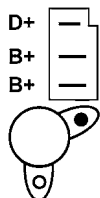
111363 Alternator 14 V, 45 Amp

Replacing: 24246, 24246A, 24246B, 24246F, 24246J, 24256, 24256A, 24256B, 24256C, 24327A, 54022292, 54022310

Servicing: New Holland, Ford, Cummins, Massey Ferguson

Terminal W, Pulley P, Grooves 1, B+ M6, Length 165.25

A: 36.70 B: 11.00 C: 83.00 mm



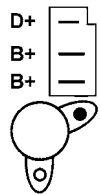
111364 Alternator 14 V, 55 Amp

Replacing: 24119, 24119A, 24119H, 24145, 24145A, 24145D, 24145E, 24156, 24156A, 24156D, 24156E, 24177, 24177A

Servicing: Ford, Rover

Terminal W, Pulley P, Grooves 1, B+ M6-6.30, Length 166.00

A: 35.50 B: 12.50 C: 81.00 mm



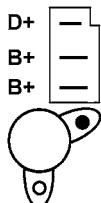
111366 Alternator 14 V, 45 Amp

Replacing: 24156A, 24157E, 24169, 24169A, 24169E, 24198, 24198A, 24198B, 24198D, 24200A, 24219, 24262A

Servicing: Land Rover, LDV International, Austin

Terminal W, Pulley w/o, B+ M6, Length 166.00

B: 11.00 C: 81.00 mm



111368 Alternator 14 V, 70 Amp

Replacing: 24156A, 24200A, 24223, 24223A, 24231, 24231A, 24231D, 24262A, 24405, 24409, 54022203, 54022223

Servicing: Ford

Terminal W, Pulley P, Grooves 1, Length 166.50

A: 34.90 B: 12.00 C: 82.60 mm



111418 Alternator 14 V, 60 Amp

Replacing: 61920275

Servicing: Iveco, Fiat, Alfa Romeo

Pulley P, Grooves 1, B+ M6, Length 165.50

Alternative no.: 115873 5★

A: 49.00 B: 17.00 C: 66.00 mm



111495 Alternator 14 V, 40 Amp

Replacing: LRA002043

Servicing: Hyster, Sumitomo, Yale, Mitsubishi

Terminal W, Pulley P, Grooves 1, B+ M6, Length 161.00

A: 42.00 B: 13.00 C: 81.50 mm



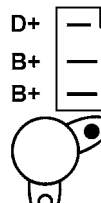
111510 Alternator 28 V, 55 Amp

Replacing: 47020061, 47020083, 47020090

Servicing: Ford, DAF, Perkins

Terminal W, Pulley w/o, B+ M6, Insulated return Yes

B: 10.00 C: 82.00 mm



111569 Alternator 28 V, 30 Amp

Replacing: 24299, 24406, 24413, 54022415, 54022578, 54022619, 54022711

Servicing: DAF, LDV International

Terminal W, Pulley w/o, Fan EF, B+ M6, Length 176.00

55 A HC-CARGO 116475.

B: 11.70 C: 82.80 mm



111620 Alternator 14 V, 65 Amp

Replacing: 54022240

Servicing: Alfa Romeo, Fiat, Lancia, Abarth, Ferrari, Pininfarina, Various Agriculture Vehicles

Pulley SP, Grooves 5, B+ M6, Length 172.00

A: 47.75 B: 16.30 C: 63.00 mm



111623 Alternator 14 V, 70 Amp

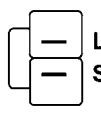
Replacing: 24293, 24293A, 24374A, 24396, 54022394, 54022394A, 54022394B, 54022394D, 54022394E, 54022396

Servicing: Ford

Terminal W, Pulley SP, Grooves 4, B+ M6, Length 201.50

Alternative no.: 115890 5★

A: 33.00 B: 11.80 C: 83.40 mm



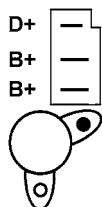
111626 Alternator 14 V, 90 Amp

Replacing: LRA0468

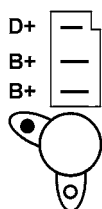
Servicing: Mitsubishi

Pulley DP, Grooves 2, B+ M6, Length 178.00

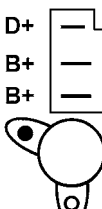
A: 42.00 B: 13.20 C: 54.60 mm



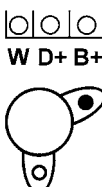
111738 Alternator 14 V, 65 Amp
Replacing: 24156A, 24200A, 24240A, 24262A, 24290, 24290A, 54022254, 54022379, 54022390, 54022628, 54022789
Servicing: Rover, Ford
Terminal W, Pulley w/o, B+ M6, Length 168.00
B: 11.00 C: 82.00 mm



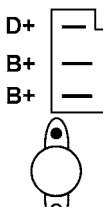
111739 Alternator 14 V, 55 Amp
Replacing: 24273, 24273A, 54022336
Servicing: Ford, New Holland
Terminal BS/W, Pulley w/o, B+ M6, Length 167.00
w/ battery sensor terminal.
B: 11.40 C: 82.30 mm



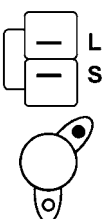
111740 Alternator 14 V, 70 Amp
Replacing: 24186, 24186A, 24186B, 24186D, 24250, 24250A, 24250B, 24274, 24274A, 24400, 24448, 54022337
Servicing: Ford, Land Rover
Terminal BS/W, Pulley P, Grooves 1, B+ M6, Length 167.00
w/ battery temp. sensor terminal. Make sure battery temp. sensor circuit is present, for correct function
A: 36.00 B: 11.00 C: 82.70 mm



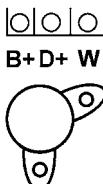
111742 Alternator 14 V, 70 Amp
Replacing: 24293, 24293A, 24374A, 24396, 54022394, 54022394A, 54022394B, 54022394D, 54022394E, 54022396
Servicing: Ford
Terminal W, Pulley SP, Grooves 4, B+ M6, Length 258.50
A: 34.00 B: 12.00 C: 83.00 mm



111948 Alternator 14 V, 70 Amp
Replacing: 23835, 23835A, 23835E, 23865, 23865A, 23880, 23880A, 24019, 24019A, 24022, 24022A, 24087, 24087A
Servicing: Massey Ferguson
Terminal W, Pulley w/o, B+ Plug, Length 159.00
B: 29.00 mm



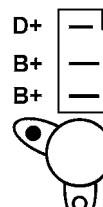
111956 Alternator 14 V, 75 Amp
Replacing: LRA0469
Servicing: Mitsubishi
Pulley DP, Grooves 2, B+ M6, Length 167.00
A: 41.00 B: 13.00 C: 55.00 mm



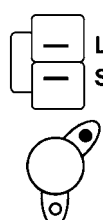
112021 Alternator 14 V, 100 Amp
Replacing: 54022459, 54022498
Servicing: Land Rover
Terminal W, Pulley SP, Grooves 7, B+ M6, Length 194.00
A: 31.00 B: 13.50 C: 83.50 mm



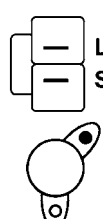
112097 Alternator 28 V, 30 Amp
Replacing: 61920271, A0828, LRA2378
Servicing: Iveco, Allis Chalmers, Astra, Fahr, Fiat, Laverda
Pulley P, Grooves 1, B+ M6, Length 174.00
A: 45.00 B: 17.00 C: 63.00 mm



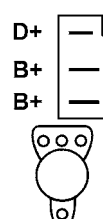
112112 Alternator 14 V, 70 Amp
Replacing: 2871A152, 2871A157, 47020055, 47020057, 47020059, 47020065, 47020067, 47020068, 47020084, 47020086
Servicing: Sabre, Yanmar, Perkins
Terminal W, Pulley P, Grooves 1, B+ M6, Length 170.50, Insulated return Yes
A: 45.00 B: 11.50 C: 82.50 mm



112128 Alternator 14 V, 75 Amp
Replacing: 54021851, 61920334, 61920401
Servicing: Mitsubishi
Pulley DP, Grooves 2, B+ M8, Length 226.00
A: 42.00 B: 13.00 C: 55.10 mm



112205 Alternator 14 V, 90 Amp
Replacing: 61920335, 61920402
Servicing: Hyundai, Mitsubishi
Pulley DP, Grooves 2, B+ M8, Length 251.00
A: 42.00 B: 13.10 C: 54.90 mm



112237 Alternator 14 V, 70 Amp
Replacing: NAB900M
Servicing: Marine, Various
Terminal W, Pulley P, Grooves 1, B+ M6, Length 175.00, Insulated return Yes
Pulley distance is ok from 34.00 to 43.00 mm.
A: 34.00 B: 10.90 C: 84.00 mm



112238 Alternator 14 V, 65 Amp
Replacing: 24157E, 24161, 24161A, 24161D, 24228, 24228A, 24240, 24240A, 24241, 24241A, 24242, 24242A, 24242D
Servicing: Austin, Land Rover, Rover, LDV International, Rover Group, DAF
Terminal W, Pulley P, Grooves 1, B+ M6, Length 168.00
A: 36.00 **B:** 11.50 **C:** 81.70 mm



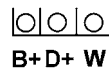
112529 Alternator 14 V, 90 Amp
Replacing: LRA1860
Servicing: John Deere, Mercedes-Benz, Dae-woo, Ssangyong
Terminal W, Pulley SP, Grooves 6, B+ M8, Length 190.00
Alternative no.: 116129 **5★**
A: 92.00 **B:** 56.10 mm



112650 **5★** Alternator 14 V, 65 Amp
Manufacturer: Lucas
Replacing: 26021117
Servicing: Tata
Terminal W, Pulley SP, Grooves 4, B+ M6, Length 233.00
A: 42.00 **B:** 14.75 **C:** 81.00 mm



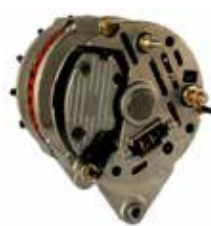
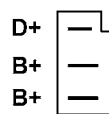
112698 Alternator 14 V, 100 Amp
Replacing: 54022549
Servicing: Ford, Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hyundai, Ingersoll-Rand, JCB
Terminal W, Pulley SP, Grooves 6, B+ M6, Length 178.00
A: 33.00 **B:** 14.10 **C:** 83.30 mm



112718 Alternator 14 V, 100 Amp
Replacing: 54022443, 54022527
Servicing: Ford, New Holland
Terminal W, Pulley SP, Grooves 6, B+ M6, Length 189.00
A: 32.00 **B:** 14.00 **C:** 83.80 mm



112719 Alternator 14 V, 55 Amp
Replacing: 54022240
Servicing: Fiat, Lancia
Pulley P, Grooves 1, B+ M6, Length 159.00
Alternative no.: 116331
A: 44.50 **B:** 16.20 **C:** 63.30 mm



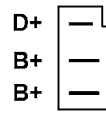
112722 Alternator 14 V, 70 Amp
Replacing: 24161D, 24294A, 24322, 24322A, 24322B, 24407, 24450, 54022437, 54022528, 54022529, 54022530
Servicing: Massey Ferguson
Terminal W, Pulley w/o, Fan EF, B+ M6, Length 165.00
B: 10.50 **C:** 83.50 mm



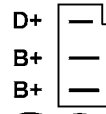
113152 Alternator 14 V, 90 Amp
Replacing: NAB9000M
Servicing: MarineVarious
Terminal W, Pulley P, Grooves 1, B+ M6, Length 181.00, Insulated return Yes
For right and left mounting.
A: 44.50 **B:** 13.50 **C:** 82.20 mm



113376 Alternator 14 V, 55 Amp
Replacing: 61920201
Servicing: Opel, Vauxhall, Lancia, Bedford, Fiat
Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.50
A: 76.60 **B:** 56.20 mm



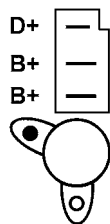
113378 Alternator 14 V, 45 Amp
Replacing: 23697, 23739, 23740, 23807, 23814, 23830, 23842A, 23846, 23993, 24072, 24079, 24211A, 54021879
Servicing: Austin, Land Rover, Ford
Terminal S, Pulley w/o, B+ 9.40, Length 166.00 *Only for use with thermal battery resistance.*
B: 9.10 **C:** 87.80 mm



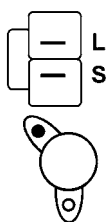
113474 **5★** Alternator 14 V, 65 Amp
Manufacturer: Mahle Letrika
Replacing: 23783, 23783A, 23833, 23833A, 23862, 23862A, 23902, 23902A, 23937, 23937A, 23938, 23938A, 23943
Servicing: Austin, Rover, Ford, Landini, Massey Ferguson
Terminal W, Pulley P, Grooves 1, B+ Plug, Length 171.50
A: 35.90 **B:** 11.00 **C:** 82.55 mm



113543 Alternator 14 V, 55 Amp
Replacing: LRA02116, LRA02116
Servicing: John Deere lawn equipment w/ cooling eng
Terminal W, Pulley SP, Grooves 8, B+ M6, Length 190.00
A: 78.40 **B:** 50.75 mm



113574 Alternator 14 V, 65 Amp
Replacing: 23680, 23680A, 23680D, 24049, 24049A, 24049B, 24161D, 24294A
Servicing: Case, Valmet, Ford, New Holland, Valtra
Terminal W, Pulley P, Grooves 1, B+ Plug, Length 177.50
A: 36.85 B: 10.40 C: 83.00 mm



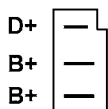
113600 Alternator 14 V, 90 Amp
Replacing: LRA03022, LRA03022
Servicing: Bobcat, Atlas Copco, Bomag, Doosan, Hitachi, Hyster, Kubota, Massey Ferguson, Mitsubishi
Pulley P, Grooves 1, B+ M8, Length 173.00
A: 37.50 B: 13.00 C: 57.70 mm



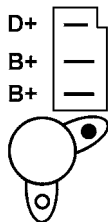
113683 5★ Alternator 14 V, 36 Amp
Manufacturer: Lucas
Replacing: 004001C01, 26021276, 26021278, 26921168, 26921168A, 40001C01
Servicing: Mahindra
Pulley P, Grooves 1
A: 90.60 B: 56.00 mm



113710 Alternator 14 V, 125 Amp
Replacing: LRS2853
Servicing: Ford
Pulley w/o, B+ M6
B: 14.00 C: 69.00 mm



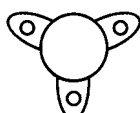
113713 Alternator 14 V, 80 Amp
Replacing: 47020054, 47020056, 47020058, 47020062, 47020063, 47020069
Servicing: Marine, Lister
Terminal W, Pulley P, Grooves 1, B+ M6, Length 169.10, Insulated return Yes
A: 45.50 B: 11.20 C: 83.00 mm



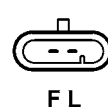
113714 Alternator 28 V, 55 Amp
Replacing: 47020060
Servicing: Marine, Sabre
Terminal W, Pulley P, Grooves 1, B+ M6, Length 169.00, Insulated return Yes
A: 45.50 B: 11.20 C: 83.00 mm



113763 Alternator 14 V, 85 Amp
Replacing: 24479, 24480, 54022466, 54022469, 54022524, 54022606, 54022776
Servicing: Bomag, Caterpillar, Daedong, Hidromek, JCB, Land Rover, Landini, Manitou, Massey Ferguson
Terminal W, Pulley w/o, B+ M6
C: 82.00 mm



113920 Alternator 28 V, 35 Amp
Replacing: 24271
Servicing: Ford, MAN, Mercedes-Benz, Nissan, Padane
Terminal W, Pulley w/o, B+ M8, Length 176.00
B: 80.40 mm



114235 Alternator 14 V, 120 Amp
Replacing: LRA03468
Servicing: Chevrolet, Daewoo, Holden, Opel
Pulley SP, Grooves 6, B+ M8, Length 175.00
A: 31.00 B: 24.00 mm



114360 Alternator 14 V, 70 Amp
Replacing: 114360, 24161D, 24294A, 54022616A
Servicing: A127, JCB, Massey Ferguson
Terminal W, Pulley w/o, B+ M6, Length 164.00
B: 11.50 C: 83.00 mm



115873 5★ Alternator 14 V, 55 Amp
Manufacturer: Marelli
Replacing: 61920275
Servicing: Alfa Romeo, Fiat, Iveco
Pulley P, Grooves 1, B+ M6, Length 172.00
Alternative no.: 111418
A: 49.00 B: 17.00 C: 65.00 mm



115890 5★ Alternator 14 V, 70 Amp
Manufacturer: Lucas
Replacing: 24293, 24293A, 24374A, 24396, 54022394, 54022394A, 54022394B, 54022394D, 54022394E, 54022396
Servicing: Ford, Ford Australia
Terminal W, Pulley w/o, Fan EF, B+ M6, Length 200.00
Alternative no.: 111623
B: 11.80 C: 81.50 mm



116129 Alternator 14 V, 90 Amp
 Manufacturer: Mahle Letrika
 Replacing: LRA1860
 Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong
 Terminal W, Pulley w/o, B+ M8,
 Length 185.00
 Alternative no.: 112529
 B: 56.00 mm



116133 Alternator 14 V, 33 Amp
 Manufacturer: Mahle Letrika
 Replacing: 54022240
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
 Pulley P, Grooves 1, B+ 9.30
 Alternative no.: 111180
 A: 48.50 B: 24.30 C: 73.50 mm



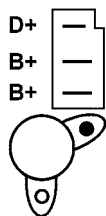
S I L P

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116194 Alternator 12 V, 140 Amp, !!
 Servicing: Ssangyong
 Pulley SP/FW



116331 Alternator 14 V, 55 Amp
 Replacing: 54022240
 Servicing: Fiat, Lancia
 Pulley P, Grooves 1, Fan EF, B+ M6,
 Length 162.00
 Alternative no.: 112719
 A: 46.00 B: 17.00 C: 66.00 mm



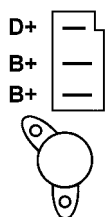
110607 Alternator 14 V, 70 Amp
Replacing: 63324264
Servicing: Ford
Pulley SP, Grooves 4, B+ M6, Length 201.50
A: 33.70 **B:** 11.30 **C:** 83.00 mm



110611 Alternator 14 V, 55 Amp
Replacing: 63303100, 63303110, 63303120, 63303130, 63303140, 63303150, 63303191, 63303192, 63303500, 63304800
Servicing: Fiat, Allis Chalmers, Seat
Pulley P, Grooves 1, B+ M6, Length 175.00
A: 48.00 **B:** 17.00 **C:** 65.00 mm



110619 Alternator 14 V, 70 Amp
Replacing: 63321641, 63321770, 63341641, 63341770, 063341829010
Servicing: Citroen, Peugeot
Pulley P, Grooves 1, B+ M8, Length 170.00
A: 95.00 **B:** 56.10 mm



110770 Alternator 14 V, 55 Amp
Replacing: 63324157, 54022642
Servicing: Austin, Rover, MG, LDV International, Massey Ferguson, Vauxhall, Bobcat, Caterpillar, Ford, Gehl, Hako, Ingersoll-Rand, JCB, Komatsu, Manitou, Terex, Thwaites
Terminal W, Pulley w/o, B+ Plug, Length 166.00
B: 12.00 **C:** 82.00 mm



110881 Alternator 14 V, 55 Amp
Replacing: 943356826
Servicing: Volvo, Deutz-Fahr, Fendt, Kramer, Marshall
Terminal W, Pulley DP, Grooves 2, B+ M6, Length 170.00
A: 88.00 **B:** 56.00 mm



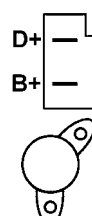
110882 Alternator 14 V, 45 Amp
Replacing: 63304807, 63305206, 63305226, 63305236, 63305256, 63305276, 63307206, 63307207, 63307227, 63307246
Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Seat, Same, Case IH, Lancia, Lister-Petter, New Holland, Terex, Turk Traktor
Pulley P, Grooves 1, B+ M6, Length 181.50
Connection 67 = D+ terminal.
A: 47.00 **B:** 16.25 **C:** 63.00 mm



110890 Alternator 14 V, 55 Amp
Replacing: 30680353, 63304807, 63305506, 63305526, 63305536, 63305606, 63307236, 63307506, 63307526, 63307536
Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Massey Ferguson, Same, Seat
Pulley P, Grooves 1, B+ M6, Length 169.00
A: 49.00 **B:** 17.00 **C:** 63.00 mm



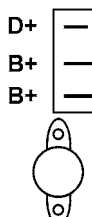
110891 Alternator 14 V, 70 Amp
Replacing: 63324233
Servicing: Ford, Land Rover, MG
Terminal W, Pulley w/o, B+ M6, Length 169.00
B: 11.30 **C:** 83.00 mm



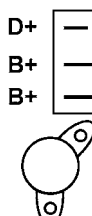
110899 Alternator 14 V, 33 Amp
Replacing: 63300506, 63362003, 63362004, 63362006, 063321019010
Servicing: Fiat, DAF, Volvo, Agrifull
Pulley P, Grooves 1, B+ Plug, Length 162.00
Regulator: HC-CARGO 130675.
A: 48.45 **B:** 24.00 **C:** 74.00 mm



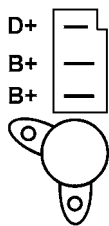
110911 Alternator 14 V, 55 Amp
Replacing: 63305721, 63305722
Servicing: Audi, Saab, VW, Peugeot
Pulley P, Grooves 1, B+ M6, Length 171.00
A: 77.64 **B:** 56.00 mm



110912 Alternator 14 V, 55 Amp
Replacing: 30680350, 63303581, 63305020, 63305150, 63305300, 63305310, 63305400, 63305404, 63305405, 63305406
Servicing: Fiat, Iveco, Lancia, Seat, Ferrari, Abarth, Alfa Romeo, Fiat-Allis, Pininfarina
Pulley P, Grooves 1, B+ M6, Length 162.50
A: 44.50 **B:** 16.40 **C:** 66.00 mm



110913 Alternator 14 V, 70 Amp
Replacing: 943356442
Servicing: Audi, VW, Skoda
Terminal W, Pulley w/o, B+ 9.40
B: 56.00 mm


1110923 Alternator 14 V, 55 Amp

Replacng: 943356621

Servicing: Mercedes-Benz

Pulley SP, Grooves 6, B+ Plug, Length 176.00

A: 92.00 B: 56.00 mm

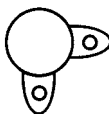

111035 Alternator 14 V, 65 Amp

Replacng: 63300931, 63303610, 63305401, 63305431, 63307401, 63307431, 63320004, 63320028, 63320056, 63320130

Servicing: Fiat, Lancia, Zastava, Autobianchi, Audi, Innocenti, VW, Case, Ford

Pulley P, Grooves 1, B+ M6, Length 164.50

A: 52.00 B: 23.00 C: 74.00 mm


111036 Alternator 14 V, 45 Amp

Replacng: 63320001, 63320319, 63321000, 63321113, 63321189, MAN342, 063321000010, 63321067

Servicing: Fiat, Lancia, Autobianchi

Pulley P, Grooves 1, B+ M6 HC-CARGO

111036 is w/o W-Terminal.

A: 56.80 B: 32.25 mm

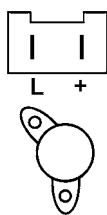

111078 Alternator 14 V, 45 Amp

Replacng: 63303502, 63303701, 63303703, 63303721, 63303731, 63303733, 63305862, 63306701, 63306721, 63306731

Servicing: Fiat, Seat, Lancia, Autobianchi, Zastava

Pulley P, Grooves 1, B+ M6, Length 169.00

A: 53.25 B: 23.50 mm


111082 Alternator 14 V, 60 Amp

Replacng: 63320039, 63321083, 63321114, 63396554, 943321083, 94335657, 943321083

Servicing: Renault

Pulley P, Grooves 1, B+ M6, Length 178.25

A: 100.95 B: 56.00 mm


111148 Alternator 14 V, 65 Amp

Replacng: 63307604, 63307624, 63307634, 63320016, 63320035, 63320055, 63321007, 63321023, 63321068, 63321070

Servicing: Fiat, Lancia, Zastava, Autobianchi

Pulley P, Grooves 1, B+ M6, Length 165.50

A: 52.25 B: 23.00 C: 73.00 mm

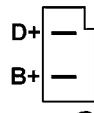

111153 Alternator 14 V, 55 Amp

Replacng: 63305800, 63305820

Servicing: Alfa Romeo

Pulley P, Grooves 1, B+ M6, Length 169.00

A: 52.00 B: 27.00 mm


111180 Alternator 14 V, 33 Amp

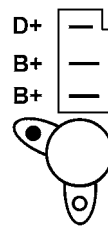
Replacng: 30680274, 63300521, 63300802, 63300900, 63300901, 63300920, 63300921, 63300931, 943356274

Servicing: Fiat, Lamborghini, Same, Zastava, Fiat-Allis

Pulley P, Grooves 1, B+ 9.40

Alternative no.: 116133 ★

A: 49.00 B: 25.00 mm

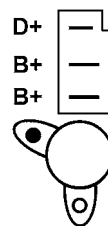

111289 Alternator 14 V, 70 Amp

Replacng: 63358010, 63358020, 943356633, 943356639, 943358010

Servicing: Ford, Austin, Rover, Land Rover, MG, Massey Ferguson, Morris, CaseCummins, Dronningborg, New Holland

Terminal W, Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 175.00

A: 35.00 B: 12.50 C: 80.00 mm

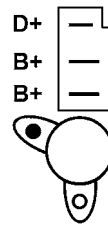

111355 Alternator 14 V, 65 Amp

Replacng: 63324245, 63324387, 63324294

Servicing: Austin, Rover, Nissan MG, Massey Ferguson, New Holland, Dronningborg, Valmet, Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hako, Hyundai, Ingersoll-Rand, JCB

Terminal W, Pulley P, Grooves 1, B+ M6-6.30, Length 163.50

A: 37.00 B: 11.50 C: 81.00 mm

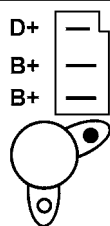

111363 Alternator 14 V, 45 Amp

Replacng: 63324327, 63325256

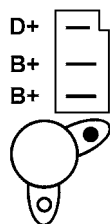
Servicing: New Holland, Ford, Cummins, Massey Ferguson

Terminal W, Pulley P, Grooves 1, B+ M6, Length 165.25

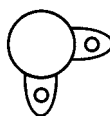
A: 36.70 B: 11.00 C: 83.00 mm



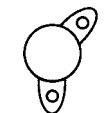
111364 Alternator 14 V, 55 Amp
Replacing: 63324145, 63324157, 63324296
Servicing: Ford, Rover
Terminal W, Pulley P, Grooves 1, B+ M6-6.30, Length 166.00
A: 35.50 B: 12.50 C: 81.00 mm



111368 Alternator 14 V, 70 Amp
Replacing: 63324231, 063324231010
Servicing: Ford
Terminal W, Pulley P, Grooves 1, Length 166.50
A: 34.90 B: 12.00 C: 82.60 mm



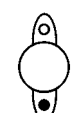
111411 Alternator 14 V, 75 Amp
Replacing: 63303739, 63320200, 63320219, 63320253, 63320319, 63320500, 63321200, 63321233, 63321270, 63321470
Servicing: Fiat, Lancia, Ford, Citroen, Peugeot
Pulley SP, Grooves 4, B+ M8, Length 189.50
A: 54.80 B: 32.00 mm



111413 Alternator 14 V, 90 Amp
Replacing: 63321278, 63321311, 63321611, 63321614, 63321809
Servicing: Fiat, Lancia, Alfa Romeo
Pulley SP, Grooves 6, B+ M8, Length 197.00
A: 43.90 B: 17.00 C: 54.90 mm



111416 Alternator 14 V, 65 Amp
Replacing: 63320511, 63321204, 63321251, 63321275, 63321282, 63321362, 63321367, 63321615, 63321616, 63321660
Servicing: Fiat, Citroen, Peugeot
Pulley SP, Grooves 6, B+ M8, Length 199.00
A: 41.00 B: 17.00 C: 82.00 mm



111418 Alternator 14 V, 60 Amp
Replacing: 63304807, 63320024, 63321042, 63321044, 063320049010, 063321019010
Servicing: Iveco, Fiat, Alfa Romeo
Pulley P, Grooves 1, B+ M6, Length 165.50
Alternative no.: 115873 5★
A: 49.00 B: 17.00 C: 66.00 mm



111505 Alternator 14 V, 75 Amp
Replacing: 63221604, 63320258, 63320319, 63321235, 63321281, 63321300, 63321364, 63321603, 63321604
Servicing: Fiat, Lancia
Pulley SP, Grooves 4, B+ M8
A: 45.00 B: 32.35 C: 83.55 mm



111568 Alternator 14 V, 85 Amp
Replacing: 63321227, 63321237, 63321331, 63321332, 63321406, 63321453, 63321485, 63321489, 63321792, 63321331
Servicing: Fiat, Citroen, Peugeot
Pulley SP, Grooves 6, B+ M8, Length 200.50
A: 41.00 B: 17.00 C: 82.00 mm



111620 Alternator 14 V, 65 Amp
Replacing: 63305801, 63307801, 63320018, 63320026, 63320032, 63320042, 63320044, 63320046, 63320105, 63320121
Servicing: Alfa Romeo, Fiat, LanciaAbarth, Ferrari, Pininfarina, Various Agriculture Vehicles
Pulley SP, Grooves 5, B+ M6, Length 172.00
A: 47.75 B: 16.30 C: 63.00 mm



111623 Alternator 14 V, 70 Amp
Replacing: 54022720, 63324293, 054022708010, 063324293010
Servicing: Ford
Terminal W, Pulley SP, Grooves 4, B+ M6, Length 201.50
Alternative no.: 115890 5★
A: 33.00 B: 11.80 C: 83.40 mm



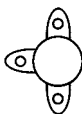
111686 Alternator 14 V, 65 Amp
Replacing: 63304807, 63305802, 63305822, 63305832, 63305842, 63307802, 63307822, 63307832, 63307862, 63307872
Servicing: Alfa Romeo, Fiat, LanciaIveco, Lamborghini, Laverda
Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50
A: 49.50 B: 17.00 C: 64.50 mm



111687 Alternator 14 V, 55 Amp
Replacing: 63320094, 63321165, 063321165010
Servicing: Fiat
Pulley P, Grooves 1, B+ M6, Length 174.00
A: 53.00 B: 23.50 mm



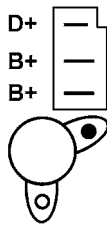
111689 Alternator 14 V, 65 Amp
 Replacing: 63321252, 63321283, 63321295, 63321396, 63321606, 63321607, 63321609, 63321625, 63321606
 Servicing: Fiat, Lancia
 Pulley SP, Grooves 5, B+ M8, Length 199.00
 A: 59.00 B: 25.00 C: 71.00 mm



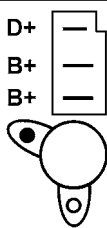
111720 Alternator 28 V, 90 Amp
 Replacing: 63321414
 Servicing: Scania, Chevrolet
 Terminal W, Pulley w/o, B+ M8, Length 175.50
 B: 22.70 C: 68.70 mm



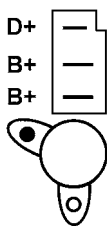
111723 Alternator 14 V, 70 Amp
 Replacing: 63321671, 63321771
 Servicing: Citroen, Peugeot, Fiat
 Pulley SP, Grooves 5, B+ M8, Length 173.50, Insulated return No
 A: 75.00 B: 56.00 mm



111738 Alternator 14 V, 65 Amp
 Replacing: 63324290
 Servicing: Rover, Ford
 Terminal W, Pulley w/o, B+ M6, Length 168.00
 B: 11.00 C: 82.00 mm



111739 Alternator 14 V, 55 Amp
 Replacing: 63324273
 Servicing: Ford, New Holland
 Terminal BS/W, Pulley w/o, B+ M6, Length 167.00
 w/ battery sensor terminal.
 B: 11.40 C: 82.30 mm



111740 Alternator 14 V, 70 Amp
 Replacing: 63324274
 Servicing: Ford, Land Rover
 Terminal BS/W, Pulley P, Grooves 1, B+ M6, Length 167.00
 w/ battery temp. sensor terminal. Make sure battery temp. sensor circuit is present, for correct function
 A: 36.00 B: 11.00 C: 82.70 mm



111742 Alternator 14 V, 70 Amp
 Replacing: 54022720, 63324293, 054022708010, 063324293010
 Servicing: Ford
 Terminal W, Pulley SP, Grooves 4, B+ M6, Length 258.50
 A: 34.00 B: 12.00 C: 83.00 mm



111756 Alternator 14 V, 65 Amp
 Replacing: 63320218, 63321238, 63321238A, 63321342, 63341238
 Servicing: Rover, MG
 Pulley SP, Grooves 5, B+ M6, Length 181.00
 A: 90.00 B: 57.90 mm



111795 Alternator 14 V, 80 Amp
 Replacing: 63321279, 63321679, 63321697, 63341679, 63341697, 63341797, 63377402, 63377410, 63377402
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M6, Length 164.00
 A: 12.50 B: 72.00 C: 53.00 mm



111802 Alternator 14 V, 75 Amp
 Replacing: 63321205, 63321276, 63321361, 63321617
 Servicing: Fiat
 Pulley SP, Grooves 5, B+ M8, Length 187.00
 A: 40.50 B: 17.00 C: 81.80 mm



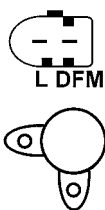
111803 Alternator 14 V, 60 Amp
 Replacing: 63321170
 Servicing: Renault
 Pulley P, Grooves 1, B+ M6, Length 173.50
 A: 50.50 B: 26.00 mm



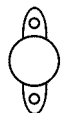
112021 Alternator 14 V, 100 Amp
 Replacing: 63321321, 63321358, 63340004, 63341321, 63341358
 Servicing: Land Rover
 Terminal W, Pulley SP, Grooves 7, B+ M6, Length 194.00
 A: 31.00 B: 13.50 C: 83.50 mm



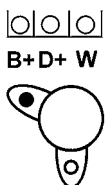
112078 Alternator 14 V, 120 Amp
Replacing: 63304000, 63304001, 63304002, 63304010, 63304020, 63304030, 63304040, 63304050, 63304075, 63304078
Servicing: Volvo, Citroen
Pulley SP, Grooves 6, B+ M8, Length 194.00
A: 44.50 C: 82.00 mm



112079 Alternator 14 V, 90 Amp
Replacing: 63304000, 63304001, 63304002, 63304010, 63304020, 63304030, 63304040, 63304050, 63304075, 63304078
Servicing: VW, Ford, Audi, Seat, SkodaLinde
Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
Alternative no.: 114789
A: 39.00 B: 14.00 C: 61.00 mm



112097 Alternator 28 V, 30 Amp
Replacing: 63304000, 63304001, 63304002, 63304010, 63304011, 63304012, 63304020, 63304021, 63304022, 63304030
Servicing: Iveco, Allis Chalmers, Astra, Fahr, Fiat, Laverda
Pulley P, Grooves 1, B+ M6, Length 174.00
A: 45.00 B: 17.00 C: 63.00 mm



112121 Alternator 14 V, 70 Amp
Replacing: 63321244, 63321669, 63321691, 63321724, 63321730, 63321730A, 63321730B, 63341244, 63341669
Servicing: Ford, Mazda
Terminal W, Pulley SP, Grooves 5, B+ M6, Length 178.00
A: 33.00 B: 14.40 C: 55.50 mm



112142 Alternator 14 V, 90 Amp
Replacing: 63321677, 63321746, 63321823, 63321898, 63341677, 63341746, 63377404, 63377412, 63377413, 63377404
Servicing: Ford
Pulley w/o, B+ M6, Length 168.00
B: 14.00 C: 63.20 mm



112143 Alternator 14 V, 80 Amp
Replacing: 63321678, 63341678, 63377409
Servicing: Ford, Lister
Pulley SP, Grooves 6, B+ M6, Length 166.00
A: 34.00 B: 13.80 C: 62.40 mm



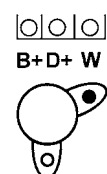
112202 Alternator 14 V, 85 Amp
Replacing: 63321239, 63341239
Servicing: Rover, MG
Pulley SP, Grooves 5, B+ M6, Length 180.00
A: 90.00 B: 57.50 mm



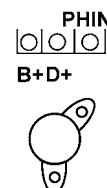
112203 Alternator 14 V, 65 Amp
Replacing: 63321636, 63321727, 63341636, 63341727
Servicing: Austin, Rover
Pulley SP, Grooves 5, B+ M6, Length 180.00
A: 35.50 B: 14.10 C: 75.25 mm



112238 Alternator 14 V, 65 Amp
Replacing: 63324242
Servicing: Austin, Land Rover, Rover, LDV International, Rover Group, DAF
Terminal W, Pulley P, Grooves 1, B+ M6, Length 168.00
A: 36.00 B: 11.50 C: 81.70 mm



112325 Alternator 14 V, 70 Amp
Replacing: 63320243, 63320531, 63321257, 63321425, 63321666, 63321695, 63341666, 63341695, 943322602
Servicing: Ford
Terminal W, Pulley SP, Grooves 5, B+ M6, Length 170.00
D+ may be w/ M4.
A: 33.00 B: 14.20 C: 75.50 mm



112384 Alternator 14 V, 75 Amp
Replacing: 63321658, 63321702, 63341658, 63341702
Servicing: Smart (MCC)
Pulley SP, Grooves 4, B+ M6, Length 176.00
Please note . If 3 connections = HC-CARGO 112384. If 2 connections = HC-CARGO 114025. They cannot replace each other.
A: 90.00 B: 57.90 mm



112648 Alternator 14 V, 70 Amp
Replacing: 63321741, 063341740010
Servicing: Citroen, Peugeot
Pulley SP, Grooves 5, B+ M8, Length 173.00
A: 75.00 B: 56.00 mm



B+ D+ W


112698 Alternator 14 V, 100 Amp

Replacng: 63321324, 63321343, 63321344, 63321422, 63321465, 63321473, 63341343, 63341344, 63341343

Servicing: Ford, Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hyundai, Ingersoll-Rand, JCB

Terminal W, Pulley SP, Grooves 6, B+ M6, Length 178.00

A: 33.00 B: 14.10 C: 83.30 mm



B+ D+ W


112718 Alternator 14 V, 100 Amp

Replacng: 63321285, 63321346, 63321347

Servicing: Ford, New Holland

Terminal W, Pulley SP, Grooves 6, B+ M6, Length 189.00

A: 32.00 B: 14.00 C: 83.80 mm


112719 Alternator 14 V, 55 Amp

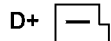
Replacng: 63320003, 63320007, 63320008, 63320031, 63320053, 63320125, 63321011, 63321028, 63321103, 63321112

Servicing: Fiat, Lancia

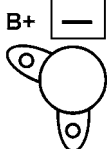
Pulley P, Grooves 1, B+ M6, Length 159.00

Alternative no.: 116331

A: 44.50 B: 16.20 C: 63.30 mm



D+ B+ B+

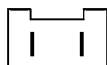

112722 Alternator 14 V, 70 Amp

Replacng: 63324407

Servicing: Massey Ferguson

Terminal W, Pulley w/o, Fan EF, B+ M6, Length 165.00

B: 10.50 C: 83.50 mm



L +


112728 Alternator 14 V, 55 Amp

Replacng: 63321057, 63321081, 63321178

Servicing: Renault

Pulley P, Grooves 1, B+ M6, Length 176.00

A: 102.00 B: 56.00 mm


112768 Alternator 14 V, 55 Amp

Replacng: 30680316, 63305120, 63320037, 63321095, 943321095, 943356316, 63321056

Servicing: Alfa Romeo, Goldine, Fiat, Goldoni

Terminal W, Pulley P, Grooves 1, B+ M6, Length 172.00

A: 47.00 B: 15.00 C: 70.00 mm


112782 Alternator 14 V, 80 Amp

Replacng: 63321723, 63321772, 63341723

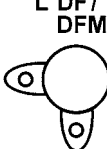
Servicing: Citroen, Peugeot

Pulley SP, Grooves 5, B+ M8, Length 179.00

A: 75.00 B: 56.00 mm



L DF/DFM


113246 Alternator 14 V, 90 Amp

Replacng: 63321829, 63377300, 063377300010

Servicing: Citroen, Peugeot

Pulley SP, Grooves 6, B+ M8, Length 179.00

A: 42.50 B: 22.00 C: 45.40 mm


113247 Alternator 14 V, 120 Amp

Replacng: 63310508

Servicing: Peugeot, Fiat, Citroen

Pulley SP, Grooves 6, B+ M8, Length 178.00

A: 52.00 B: 27.00 C: 68.50 mm


113336 Alternator 14 V, 120 Amp

Replacng: 63321414, 63321491, 63321497, 63321501, 63321507, 63321804, 63321805, 63321858, 63321859, 63321858

Servicing: Alfa Romeo, Fiat, Lancia

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 204.00

A: 44.00 B: 22.60 C: 54.80 mm


113338 Alternator 14 V, 65 Amp

Replacng: 63321833

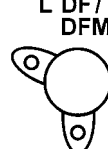
Servicing: Fiat

Pulley SP/FW, Grooves 6, B+ M8, Length 200.00

A: 44.00 B: 17.10 C: 54.40 mm



L DF/DFM

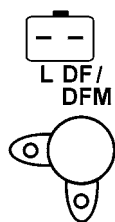

113404 Alternator 14 V, 90 Amp

Replacng: 63321740

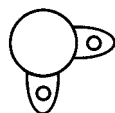
Servicing: Citroen, Peugeot

Pulley SP, Grooves 5, B+ M8

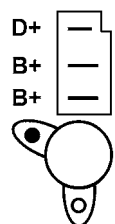
A: 75.00 B: 56.30 mm



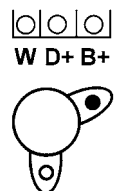
113405 Alternator 14 V, 70 Amp
 Replacing: 63321733, 63321828, 63341733
 Servicing: Peugeot, Citroen, Peugeot
 Terminal DF, Pulley SP, Grooves 6, B+ M8, Length 170.00
 A: 42.50 B: 22.00 C: 45.50 mm



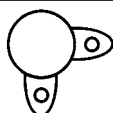
113471 Alternator 14 V, 65 Amp
 Replacing: 63320040, 63320140, 63320319, 63321082, 63321136, 63321141, 63321173, 63321488, 63321082
 Servicing: Fiat, Lancia
 Pulley SP, Grooves 4, B+ M6, Length 162.00
 A: 54.50 B: 32.00 mm



113474  Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 63324157
 Servicing: Austin, Rover, Ford, Landini, Massey Ferguson
 Terminal W, Pulley P, Grooves 1, B+ Plug, Length 171.50
 A: 35.90 B: 11.00 C: 82.55 mm



113529 Alternator 14 V, 120 Amp
 Replacing: 63321753
 Servicing: Ford, New Holland
 Terminal W, Pulley SP, Grooves 8, B+ M6, Length 204.40
 A: 33.00 B: 14.10 C: 83.30 mm



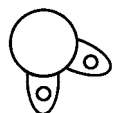
113533 Alternator 14 V, 65 Amp
 Replacing: 63320111, 63321190
 Servicing: Fiat, Lancia, Lombardini
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 160.00
 A: 52.00 B: 31.80 mm



113535 Alternator 14 V, 85 Amp
 Replacing: 63321765, 63321775, 63377013, 063321765010
 Servicing: Fiat, Lancia, Ford
 Pulley SP, Grooves 5, Fan IF, B+ M8, Length 184.50
 A: 16.30 B: 24.20 C: 51.00 mm



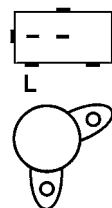
113536 Alternator 14 V, 90 Amp
 Replacing: 63321287, 63321330, 63321612, 63321729, 63321810, 63321819, 63321836
 Servicing: Alfa Romeo, Lancia
 Pulley SP, Grooves 6, B+ M8, Length 197.00
 A: 44.50 B: 16.90 C: 54.30 mm



113537 Alternator 14 V, 65 Amp
 Replacing: 63321234, 63321280, 63321602, 63321663, 63321747, 63321870
 Servicing: Fiat, Lancia, Peugeot
 Pulley SP, Grooves 4, Fan IF, B+ M8, Length 189.50
 A: 62.25 B: 32.00 mm



113575 Alternator 14 V, 80 Amp
 Replacing: 63321734, 063341734010, 063341829010
 Servicing: Peugeot, Citroen, Fiat
 Pulley SP, Grooves 6, B+ M8, Length 162.00
 A: 42.00 B: 22.00 C: 45.00 mm



113599# Alternator 14 V, 80 Amp
 Replacing: 63321758, 63341758
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M6, Length 181.00
 A: 33.20 B: 16.70 C: 53.90 mm



113621 Alternator 14 V, 115 Amp
 Replacing: 63321743, 63321817
 Servicing: Ford, New Holland
 Pulley SP, Grooves 6, B+ M6, Length 186.00
 A: 34.00 B: 14.10 C: 83.35 mm



113709 Alternator 14 V, 115 Amp
 Replacing: 63380006
 Servicing: Ford, Jaguar
 Pulley SP, Grooves 6, B+ M6
 A: 41.00 B: 55.00 C: 74.00 mm



113718 Alternator 14 V, 70 Amp
 Replacing: 63321718, 63377002, 63377006, 63377008, 63377008
 Servicing: Fiat, Lancia, Citroen, Renault
 Pulley SP, Grooves 5, B+ M8, Length 184.60
 A: 16.50 B: 23.50 C: 50.00 mm



113720 Alternator 14 V, 75 Amp
 Manufacturer: Valeo
 Replacing: 63377493
 Servicing: Fiat, Opel, Suzuki, Vauxhall, Lancia
 Pulley SP/FW, Grooves 6, B+ M8, Length 184.00
 Alternative no.: 116064
 A: 41.50 B: 64.00 C: 55.00 mm



113763 Alternator 14 V, 85 Amp
 Replacing: 63320349, 63321466, 63377460, 63377461, 63377462, 63377461
 Servicing: Bomag, Caterpillar, Daedong, Hidromek, JCB, Land Rover, Landini, Manitou, Massey Ferguson
 Terminal W, Pulley w/o, B+ M6
 C: 82.00 mm



113849 Alternator 14 V, 150 Amp
 Manufacturer: Denso
 Replacing: 63377416
 Servicing: Ford, Mazda, Volvo
 Pulley SP/FW, Grooves 6, B+ M8, Length 164.50
 Alternative no.: 116294
 A: 42.50 B: 21.00 C: 45.00 mm



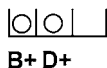
113904 Alternator 14 V, 130 Amp
 Replacing: 63377491
 Servicing: Opel, Saab, Vauxhall
 Terminal DF, Pulley SP/FW, Grooves 6, B+ M8, Length 215.00
 A: 113.00 B: 61.00 mm



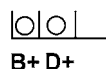
113939 Alternator 14 V, 100 Amp
 Replacing: 63320226, 63320256, 63320292, 63320333, 63321355, 63321419, 63321436, 63321506, 63321803, 63321800
 Servicing: Fiat, Lancia
 Pulley SP, Grooves 6, B+ M8, Length 202.90
 A: 43.40 B: 22.50 C: 54.00 mm



113942 Alternator 14 V, 100 Amp
 Replacing: 63321232, 63321310, 63321418, 63321801
 Servicing: Alfa Romeo, Fiat, Lancia
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 202.00
 A: 44.50 B: 22.60 C: 54.27 mm



113943 Alternator 14 V, 100 Amp
 Replacing: 63321414, 63321497, 63321501, 63321804, 63321805, 63321806, 63321826, 63321806
 Servicing: Alfa Romeo, Fiat, Lancia
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8
 A: 44.00 B: 22.20 C: 54.75 mm



113955 Alternator 14 V, 105 Amp
 Replacing: 63377492
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8, Length 191.00
 A: 112.50 B: 61.00 mm



113967 Alternator 14 V, 120 Amp
 Replacing: 63377464
 Servicing: Caterpillar, Manitou, Mitsubishi, Perkins
 Terminal W, Pulley w/o, B+ M6, Length 182.00
 B: 13.00 C: 83.00 mm



113987 Alternator 14 V, 140 Amp
 Replacing: 63321815, 63321862
 Servicing: Alfa Romeo, Fiat, Lancia, Renault
 Pulley SP/FW, Grooves 6, B+ M8, Length 190.00
 A: 44.50 B: 22.00 C: 54.40 mm



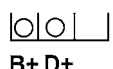
113996 Alternator 14 V, 140 Amp
 Replacing: 63321940, 63377005, 063377005010
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki
 Pulley SP/FW, Grooves 6, B+ M8, Length 210.00
 A: 113.00 B: 61.30 mm



114009 Alternator 14 V, 105 Amp
 Replacing: 63374070, 63377407
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M6,
 Length 160.00
 A: 10.00 B: 72.00 C: 52.00 mm



114023 Alternator 14 V, 70 Amp
 Replacing: 63377480
 Servicing: Subaru, Suzuki
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 183.00
 A: 90.50 B: 57.20 mm



114025 Alternator 14 V, 75 Amp
 Replacing: 63321658, 63321702, 63321896,
 63321897, 63341896, 63341896
 Servicing: Smart (MCC), Toyota
 Pulley SP, Grooves 4, B+ M6,
 Length 176.00 Please note . If 3
 connections = HC-CARGO 112384. If 2
 connections = HC-CARGO 114025. They
 cannot replace each other.
 A: 90.50 B: 57.80 mm



114083 Alternator 14 V, 150 Amp
 Replacing: 63377420
 Servicing: Volvo
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 180.00
 A: 75.00 B: 72.00 C: 68.00 mm



114204 Alternator 14 V, 120 Amp
 Replacing: 63377004, 63377490
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 204.20, Insulated return No
 A: 112.50 B: 61.50 mm



114248 Alternator 14 V, 150 Amp
 Replacing: 63377418
 Servicing: Ford
 Pulley w/o, B+ M8, Length 153.00
 B: 14.00 C: 52.00 mm



114249 Alternator 14 V, 70 Amp
 Replacing: 63377496
 Servicing: Opel, Vauxhall
 Pulley SP, Grooves 5, B+ M8,
 Length 190.00
 A: 54.50 B: 33.50 C: 59.50 mm



114302 Alternator 28 V, 75 Amp
 Replacing: 63377466
 Servicing: Caterpillar, Various Industrial ap-
 plications
 Terminal W, B+ M6, Length 184.50
 B: 13.40 C: 83.20 mm



114384 Alternator 14 V, 85 Amp
 Replacing: 63321744
 Servicing: Case, New Holland
 Terminal W, Pulley w/o, B+ M6
 B: 17.00 C: 63.40 mm



114409 Alternator 14 V, 100 Amp
 Replacing: 63377424
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 193.00
 A: 41.00 B: 64.00 C: 55.00 mm



114451 Alternator 14 V, 105 Amp
 Replacing: 63310504, 63377023, 63377029
 Servicing: Fiat, Lancia, Opel, Vauxhall
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 185.00
 A: 41.00 B: 63.50 C: 55.00 mm



114462 Alternator 14 V, 70 Amp
 Replacing: 63377011
 Servicing: Fiat, Alfa Romeo, Ford, Lancia
 Pulley SP, Grooves 4, B+ M8
 A: 68.10 B: 32.50 mm



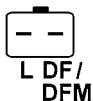
114493 Alternator 14 V, 100 Amp
 Replacing: 63377017
 Servicing: Fiat, Alfa Romeo, Lancia, Opel
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 188.00
 A: 112.50 B: 61.20 mm



114669 Alternator 14 V, 65 Amp
 Replacing: 63304807, 63320124, 63320137,
 63321424, 63321458, 63321492, 63321502,
 63321503
 Servicing: Case IH, Lister-Petter, New Hol-
 land, Terex
 Terminal W, Pulley w/o, B+ M6,
 Length 170.00
 B: 17.00 C: 65.00 mm



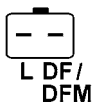
114714 Alternator 28 V, 80 Amp
 Replacing: 63307466
 Servicing: Caterpillar, Terex
 Terminal W, Pulley w/o, Fan IF, B+ M6,
 Length 178.00
 B: 14.00 C: 82.00 mm



114749 Alternator 14 V, 150 Amp
 Replacing: 63377015
 Servicing: Alfa Romeo, Fiat
 Pulley SP/FW, Grooves 5, Fan IF,
 B+ M8, Length 167.00
 A: 28.00 B: 14.20 C: 64.50 mm



114754 Alternator 14 V, 120 Amp
 Replacing: 63377425
 Servicing: Opel, Renault, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8
 A: 41.00 B: 64.00 C: 55.00 mm



114755 Alternator 14 V, 150 Amp
 Replacing: 63377014
 Servicing: Alfa Romeo
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 169.00
 A: 26.00 B: 14.70 C: 65.00 mm



114804 Alternator 14 V, 105 Amp
 Replacing: 63377421
 Servicing: Ford
 Pulley w/o, B+ M8
 B: 14.50 C: 52.00 mm



114806 Alternator 14 V, 120 Amp
 Replacing: 63377426
 Servicing: Abarth, Alfa Romeo, Fiat, Lancia
 Pulley SP/FW, Grooves 5, Fan IF, B+ M8
 Alternative no.: 115874
 A: 16.00 B: 24.00 C: 50.00 mm



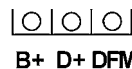
114894 Alternator 14 V, 60 Amp
 Replacing: 63321774, 63321832, 63351774
 Servicing: Suzuki
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 172.00
 A: 90.50 B: 58.00 mm



114895 Alternator 14 V, 70 Amp
 Replacing: 63377423
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 170.00
 A: 40.00 B: 64.00 C: 55.00 mm



114899 Alternator 14 V, 70 Amp
 Replacing: 63321761, 63321869, 63377001
 Servicing: Fiat, Lancia
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 184.00
 A: 54.95 B: 32.00 mm



115308 Alternator 14 V, 120 Amp
 Replacing: 63377495
 Servicing: Fiat, Lancia, Opel, Vauxhall
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8
 A: 41.00 B: 64.50 C: 54.50 mm



115346 Alternator 14 V, 120 Amp
 Replacing: 63377028
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 198.00
 A: 41.50 B: 64.00 C: 55.00 mm



115429 Alternator 14 V, 120 Amp
 Replacing: 63377018
 Servicing: Alfa Romeo, Fiat, Lancia, Opel,
 Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 202.00
 A: 113.00 B: 61.00 mm



115460[#] Alternator 14 V, 160 Amp
 Replacing: 63321880, 63321895
 Servicing: Ford, Mazda, Volvo
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 170.00
 A: 42.00 B: 21.00 C: 45.00 mm



115476 Alternator 14 V, 85 Amp
 Replacing: 63321629, 63321715, 63321782,
 63321791
 Servicing: Fiat, Lancia
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 178.00
 A: 44.00 B: 32.00 C: 83.50 mm



115546 Alternator 14 V, 80 Amp
 Manufacturer: Denso
 Replacing: 63377566
 Servicing: Citroen, Peugeot
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 177.40
 Alternative no.: 116357
 A: 42.40 B: 21.00 C: 45.80 mm



115551 Alternator 14 V, 90 Amp
 Replacing: 63321760
 Servicing: Fiat
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 187.50
 A: 54.60 B: 33.00 mm



115578 Alternator 14 V, 120 Amp
 Replacing: 63377029
 Servicing: Fiat
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 208.00
 A: 41.70 B: 64.00 C: 55.00 mm



115615 Alternator 14 V, 105 Amp
 Replacing: 63321776, 63377007, 63377009
 Servicing: Fiat
 Pulley SP, Grooves 5, Fan IF, B+ M8,
 Length 183.00
 A: 17.00 C: 50.00 mm



115620 Alternator 14 V, 105 Amp
 Replacing: 63377031
 Servicing: Alfa Romeo, Fiat, Lancia
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 195.00
 A: 68.50 B: 32.00 mm



115647 Alternator 14 V, 90 Amp
 Replacing: 63377030
 Servicing: Alfa Romeo, Fiat
 Pulley SP, Grooves 4, Fan IF, B+ M8,
 Length 210.00
 A: 69.00 B: 32.00 mm



115664 Alternator 14 V, 75 Amp
 Replacing: 63321779
 Servicing: Fiat, Lancia
 Pulley SP, Grooves 4, B+ M8,
 Length 190.00
 A: 62.50 B: 32.00 mm



115665[#] Alternator 14 V, 75 Amp
 Replacing: 63321872
 Servicing: Fiat, Lancia
 Pulley SP, Grooves 4, B+ M8
 A: 62.50 B: 32.00 mm



115667 Alternator 14 V, 120 Amp
 Replacing: 63377558
 Servicing: Alfa Romeo, Fiat
 Pulley SP/FW, Grooves 6, B+ M8, Length 185.00
 A: 42.00 B: 64.00 C: 55.00 mm

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115672 Alternator 14 V, 85 Amp
 Replacing: 63321292
 Servicing: Fiat
 Pulley SP, Grooves 4, Fan IF, B+ M8, Length 185.00
 A: 54.00 B: 32.00 mm



115689 Alternator 14 V, 80 Amp
 Replacing: 63304807
 Servicing: Deutz-Fahr, Huerlimann, Same
 Terminal W, Pulley w/o, B+ M6, Length 174.00
 B: 17.00 C: 66.00 mm



115742 Alternator 14 V, 100 Amp
 Replacing: 63377463
 Servicing: JCB
 Pulley w/o, B+ M6, Length 177.00
 B: 14.00 C: 83.00 mm



115852 Alternator 14 V, 105 Amp
 Replacing: 63377025
 Servicing: Alfa Romeo, Fiat, Lancia
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 185.00
 A: 41.50 B: 64.00 C: 55.00 mm



115873 5★ Alternator 14 V, 55 Amp
 Manufacturer: Marelli
 Replacing: 63304807, 63320024, 63321042, 63321044, 063320049010, 063321019010
 Servicing: Alfa Romeo, Fiat, Iveco
 Pulley P, Grooves 1, B+ M6, Length 172.00
 Alternative no.: 111418
 A: 49.00 B: 17.00 C: 65.00 mm



115874 5★ Alternator 14 V, 120 Amp
 Manufacturer: Denso
 Replacing: 63377426
 Servicing: Abarth, Alfa Romeo, Fiat, Lancia
 Pulley SP/FW, Grooves 5, B+ M8, Length 196.00
 Alternative no.: 114806
 A: 16.00 B: 24.00 C: 50.00 mm



115890 5★ Alternator 14 V, 70 Amp
 Manufacturer: Lucas
 Replacing: 54022720, 63324293, 054022708010, 063324293010
 Servicing: Ford, Ford Australia
 Terminal W, Pulley w/o, Fan EF, B+ M6, Length 200.00
 Alternative no.: 111623
 B: 11.80 C: 81.50 mm



116064 Alternator 14 V, 75 Amp
 Replacing: 63377493
 Servicing: Fiat, Opel, Suzuki, Vauxhall/Lancia
 Pulley SP/FW, Grooves 6, B+ M8, Length 184.00
 Alternative no.: 113720 5★
 A: 40.00 B: 64.00 C: 55.00 mm



116126 Alternator 14 V, 65 Amp
 Replacing: 54208288, 63324294
 Servicing: Case, McCormick
 Pulley P, Grooves 1, Fan EF, B+ M5, Length 168.00
 A: 36.00 B: 11.00 C: 83.00 mm



116133 5★ Alternator 14 V, 33 Amp
 Manufacturer: Mahle Letrika
 Replacing: 30680274, 63300521, 63300802, 63300900, 63300901, 63300920, 63300921, 63300931, 943356274
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
 Pulley P, Grooves 1, B+ 9.30
 Alternative no.: 111180
 A: 48.50 B: 24.30 C: 73.50 mm

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116219 Alternator 14 V, 100 Amp
 Manufacturer: Denso
 Replacing: 63377572
 Servicing: Toyota
 Pulley SP/FW, Grooves 4, B+ M6, Length 163.00
 A: 29.70 B: 19.20 C: 37.30 mm



116294 Alternator 14 V, 150 Amp

Replacing: 63377416

Servicing: Ford, Mazda, Volvo

Pulley SP/FW, Grooves 6, B+ M8,

Length 168.00

Alternative no.: 113849

A: 42.50 B: 21.00 C: 45.00 mm



116331 Alternator 14 V, 55 Amp

Replacing: 63320003, 63320007, 63320008, 63320031, 63320053, 63320125, 63321011, 63321028, 63321103, 63321112

Servicing: Fiat, Lancia

Pulley P, Grooves 1, Fan EF, B+ M6, Length 162.00

Alternative no.: 112719

A: 46.00 B: 17.00 C: 66.00 mm



116357 Alternator 14 V, 80 Amp

Replacing: 63377566

Servicing: Citroen, Peugeot

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 178.00

Alternative no.: 115546

A: 42.40 B: 21.00 C: 45.80 mm



110163 5★ Alternator 28 V, 45 Amp
Manufacturer: Mahle Letrika
Replacing: 443113516866
Servicing: Renault, Renault V.I.
Terminal W, Pulley DP, Grooves 2, Fan EF, B+ M6, Length 172.50
A: 48.75 B: 27.25 C: 67.50 mm



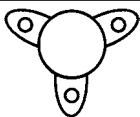
110621 Alternator 14 V, 55 Amp
Replacing: 334113516653, 443113516650, 443113516653, 9516650, 9516653
Servicing: Chang Feng (Liebao), Zetor, ZTS Tees
Pulley w/o, B+ M6, Length 170.00
B: 27.00 C: 65.80 mm



110622 Alternator 14 V, 70 Amp
Replacing: 115901010, 443113516630, 443113516631, 443113516632, 443113516634, 443113516660, 443113516661
Servicing: Skoda
Pulley w/o, B+ M6, Length 164.00
B: 27.25 C: 66.00 mm



110641 Alternator 14 V, 33 Amp
Replacing: 9515310, 9515311
Servicing: Deutz, Fendt, Case, Claas, GolderiBosch, BPM, Deutz-Fahr, Fahr, Kramer, Lamborghini, Liebherr, Linde
Terminal W, Pulley P, Grooves 1, B+ M6, Length 162.00
A: 76.50 B: 56.00 mm



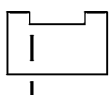
110766 Alternator 28 V, 27 Amp
Replacing: 9515310
Servicing: Atlas Copco, Iveco, MercedesCase, Deutz-Fahr, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr
Terminal W, Pulley w/o, B+ M6, Length 170.00
B: 56.00 mm



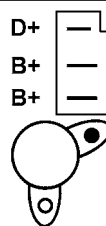
110881 Alternator 14 V, 55 Amp
Replacing: 8515220
Servicing: Volvo, Deutz-Fahr, Fendt, Kramer, Marshall
Terminal W, Pulley DP, Grooves 2, B+ M6, Length 170.00
A: 88.00 B: 56.00 mm



111035 Alternator 14 V, 65 Amp
Replacing: 9516714
Servicing: Fiat, Lancia, Zastava, Autobianchi, Audi, Innocenti, VW, Case, Ford
Pulley P, Grooves 1, B+ M6, Length 164.50
A: 52.00 B: 23.00 C: 74.00 mm



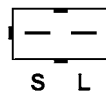
111076 Alternator 14 V, 50 Amp
Replacing: 443113515414, 443113515415, 443113516404, 9515404
Servicing: Citroen, Peugeot, Talbot, Opel
Pulley SP, Grooves 4, B+ M6, Length 163.50
A: 46.35 B: 26.80 C: 66.00 mm



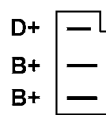
111086 5★ Alternator 14 V, 65 Amp
Manufacturer: Mahle Letrika
Replacing: 9515491, 9516720, 9516721
Servicing: Ford, Austin, Rover, MG, Mercury, RenaultSuzuki
Pulley P, Grooves 1, B+ Plug, Length 170.00
A: 34.60 B: 10.80 C: 81.00 mm



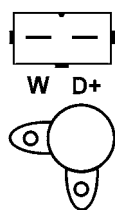
111168 Alternator 14 V, 55 Amp
Replacing: 443113516761, 9516716, 9516760, 9516761
Servicing: Opel, Vauxhall, Ferrari
Terminal W, Pulley P, Grooves 1, B+ M6, Length 170.00
A: 84.00 B: 56.00 mm



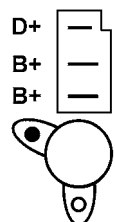
111216 Alternator 14 V, 37 Amp
Replacing: 9514090, 9514096, 9515090
Servicing: Thermo King, Volvo
Terminal W, Pulley w/o, B+ M8, Length 176.00
B: 51.00 mm



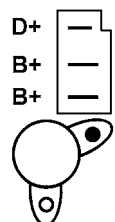
111289 Alternator 14 V, 70 Amp
Replacing: 9515734, 9516709, 9516740, 9516742
Servicing: Ford, Austin, Rover, Land Rover, MG, Massey Ferguson, Morris, CaseCummins, Dronningborg, New Holland
Terminal W, Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 175.00
A: 35.00 B: 12.50 C: 80.00 mm



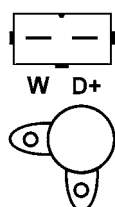
111353 Alternator 14 V, 70 Amp
 Replacing: 9517162
 Servicing: Seat, VW, Ford, Skoda, Audi
 Pulley SP, Grooves 6, B+ M8,
 Length 187.00
 A: 39.50 B: 14.00 C: 61.00 mm



111362 Alternator 14 V, 55 Amp
 Replacing: 443113516700, 443113516701
 Servicing: Ford, Land Rover, Rover, MG, Austin, ValmetCummins, Massey Ferguson, New Holland, Valtra
 Terminal W, Pulley P, Grooves 1, B+ Plug, Length 165.50
 A: 34.50 B: 11.00 C: 81.00 mm



111368 Alternator 14 V, 70 Amp
 Replacing: 443113516741
 Servicing: Ford
 Terminal W, Pulley P, Grooves 1, Length 166.50
 A: 34.90 B: 12.00 C: 82.60 mm



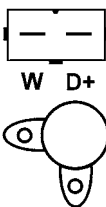
111477 Alternator 14 V, 90 Amp
 Replacing: 9517182, 9517185
 Servicing: VW, Seat, Ford, Skoda
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 187.00
 A: 40.00 B: 13.50 C: 59.00 mm



111662 Alternator 14 V, 33 Amp
 Replacing: 9513053
 Servicing: Case, Ferrari, Goldoni, Lombardini, Agrifull, Arona
 Terminal W, Pulley w/o, B+ M6, Length 156.00
 Alternative no.: 116131
 B: 56.00 mm



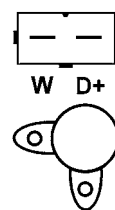
111686 Alternator 14 V, 65 Amp
 Replacing: 9515080
 Servicing: Alfa Romeo, Fiat, Lancia, Lancia, Lamborghini, Laverda
 Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50
 A: 49.50 B: 17.00 C: 64.50 mm



111820 Alternator 14 V, 90 Amp
 Replacing: 9517181, 9517183
 Servicing: Skoda, Audi, VW
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 185.40
 A: 39.50 B: 14.00 C: 59.00 mm



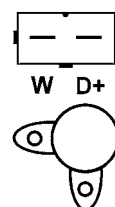
111843 Alternator 14 V, 95 Amp
 Replacing: 9513160, 9515180
 Servicing: Case, Agco, Atlas Copco, Bomag, Case IH, Caterpillar, Clark, Cummins, Doosan, Hitachi, Hoist, Hyundai
 Terminal W, Pulley w/o, B+ M8, Length 174.00
 B- M8.
 B: 51.00 mm



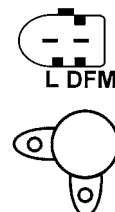
111884 Alternator 14 V, 90 Amp
 Replacing: 9517482
 Servicing: Seat, VW
 Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 188.00
 A: 39.50 B: 14.00 C: 61.50 mm



111888 Alternator 14 V, 65 Amp
 Replacing: 9515170
 Servicing: Case, Bomag, Case IH, Cummins, Gehl, Ingersoll-Rand, Ingram, John Deere, Kohler, Komatsu, New Holland
 Terminal W, Pulley SP, Grooves 8, B+ M8, Length 192.00
 A: 81.00 B: 50.60 mm



111899 Alternator 14 V, 90 Amp
 Replacing: 9517189
 Servicing: VW
 Terminal W, Pulley SP, Grooves 6, B+ M8, Length 188.00
 A: 39.50 B: 14.00 C: 61.00 mm



111989 Alternator 14 V, 90 Amp
 Replacing: 9517213
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP, Grooves 6, B+ M8, Length 186.50
 Alternative no.: 115482
 A: 39.60 B: 14.00 C: 61.00 mm



112035 5★ Alternator 14 V, 70 Amp
Manufacturer: Magneton
Replacing: 443113516670, 443113516673, 9516673
Servicing: Zetor
Terminal W, Pulley w/o, B+ M6, Length 172.00
Shaft dia. = 20.00 mm.
B: 27.10 C: 66.00 mm



112043 Alternator 14 V, 90 Amp
Replacing: 9517219
Servicing: VW
Terminal DF, Pulley SP, Grooves 6, B+ M8, Length 184.50
A: 40.00 B: 14.00 C: 61.00 mm



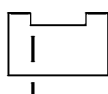
112075 Alternator 14 V, 70 Amp
Replacing: 443113517103, 9517103
Servicing: VW, Audi, Skoda, Seat
Pulley SP, Grooves 6, B+ M8, Length 182.00
A: 40.00 B: 14.00 C: 60.75 mm



112079 Alternator 14 V, 90 Amp
Replacing: 9517413, 9517483
Servicing: VW, Ford, Audi, Seat, SkodaLinde
Pulley SP/FW, Grooves 6, B+ M8, Length 170.00
Alternative no.: 114789 5★
A: 39.00 B: 14.00 C: 61.00 mm



112098 Alternator 14 V, 65 Amp
Replacing: 443113516690, 443113516693, 9513031, 9515010, 9516693
Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, Zetor, Agco, Atlas Copco, Bomag, Caterpillar, Deutz-Fahr, Fendt, Ingersoll-Rand, JCB, John Deere, Komatsu
Terminal W, Pulley P, Grooves 1, B+ M6, Length 171.00
A: 80.50 B: 56.00 mm



112162 Alternator 14 V, 70 Amp
Replacing: 334113516414, 443113516414, 9515414, 9515415
Servicing: Citroen, Peugeot, Citroen
Pulley SP, Grooves 4, B+ M6, Length 158.00
A: 45.50 B: 27.00 C: 66.00 mm



112238 Alternator 14 V, 65 Amp
Replacing: 9515040
Servicing: Austin, Land Rover, Rover, LDV International, Rover Group, DAF
Terminal W, Pulley P, Grooves 1, B+ M6, Length 168.00
A: 36.00 B: 11.50 C: 81.70 mm



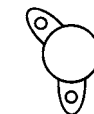
112274 Alternator 14 V, 90 Amp
Replacing: 9517212
Servicing: VW, Skoda, Seat
Pulley SP, Grooves 6, B+ M8, Length 185.00
A: 39.50 B: 14.10 C: 61.40 mm



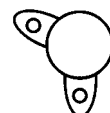
112387 Alternator 14 V, 90 Amp
Replacing: 443113516591, 9516590, 9516591
Servicing: Skoda
Terminal W, Pulley SP, Grooves 6, B+ M6, Length 179.00
A: 32.50 B: 14.00 C: 66.00 mm



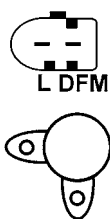
112419 Alternator 14 V, 70 Amp
Replacing: 9517241
Servicing: Seat, Skoda
Pulley SP, Grooves 5, B+ M8, Length 177.00
A: 35.00 B: 14.00 C: 81.60 mm



112556 5★ Alternator 14 V, 95 Amp
Manufacturer: Mahle Letrika
Replacing: 9515713
Servicing: Same, ValmetAGCO, Valtra
Terminal W, Pulley w/o, B+ M6, Length 190.50
Dust proof.
Alternative no.: 116454
B: 56.00 mm



112736 Alternator 14 V, 65 Amp
Replacing: 9515230
Servicing: Iveco, Deutz-Fahr
Terminal W, Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.00
A: 76.50 B: 56.00 mm



113340 Alternator 14 V, 70 Amp

Replacing: 9517403

Servicing: VW, Audi, Skoda, Seat

Pulley SP/FW, Grooves 6, B+ M8, Length 192.50

A: 39.00 B: 14.00 C: 62.00 mm



113543 Alternator 14 V, 55 Amp

Replacing: 443113515241, 443113516241, 9515241, 9516241

Servicing: John Deere lawn equipment w/ cooling eng

Terminal W, Pulley SP, Grooves 8, B+ M6, Length 190.00

A: 78.40 B: 50.75 mm



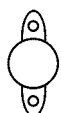
113552 Alternator 14 V, 120 Amp

Replacing: 9515112, 9515122

Servicing: Case

Terminal W, Pulley DP, Grooves 2, B+ M8, Length 198.00

A: 77.00 B: 50.80 mm



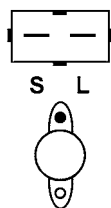
113632 Alternator 14 V, 85 Amp

Replacing: 9513071, 9513170, 9515102, 9515361

Servicing: John Deere lawn equipment w/ cooling engLada

Terminal W, Pulley w/o, B+ M8, Length 170.00

B: 56.10 mm



113716 Alternator 14 V, 120 Amp

Replacing: 9216202, 95124596, 9514566, 9514590, 9514593, 9514696

Servicing: Thermo King, Yanmar

Terminal W, Pulley w/o, B+ M6, Length 167.50

B: 51.00 mm



116131 5★ Alternator 14 V, 33 Amp

Manufacturer: Mahle Letrika

Replacing: 9513053

Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini

Pulley P, Grooves 1, B+ M6, Length 164.00

Alternative no.: 111662

A: 79.80 B: 56.00 mm



116454 Alternator 14 V, 95 Amp

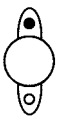
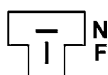
Replacing: 9515713

Servicing: AGCO, JCB, Same, Valtra

Terminal W, Pulley w/o, Fan IF, Length 190.50

Alternative no.: 112556 5★

B: 56.00 mm

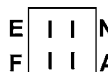

110128 Alternator 14 V, 35 Amp

Replacing: A001T20271, A001T21171, A001T22581, A001T24471, A1T20271, A1T21171, A1T22581, A1T24471, AG2025A

Servicing: Nissan, Chevrolet, Subaru, Komatsu, TCM

Pulley P, Grooves 1, Fan EF, B+ M5, Length 161.00

A: 42.00 B: 13.00 C: 80.50 mm


110133 Alternator 14 V, 35 Amp

Replacing: A001T15674, A001T20174, A001T20178, A001T20572, A001T20573, A001T20574, A001T20579, A001T20591

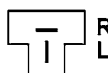
Servicing: Mazda

Pulley P, Grooves 1, B+ M5, Length 155.00

Regulator: HC-CARGO 130615, 6 pins.

Regulator: HC-CARGO 130616, 6+1 pins.

A: 42.00 B: 12.50 C: 80.50 mm

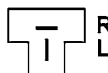

110134 Alternator 14 V, 55 Amp

Replacing: A002T21278, A002T23474, A002T23477, A005T20377, A005T20387, A2T21278, A2T23474, A2T23477, A5T20377

Servicing: Mazda

Pulley P, Grooves 1, B+ M5, Length 171.50

A: 41.00 B: 12.50 C: 80.50 mm

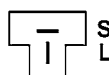

110136 Alternator 14 V, 50 Amp

Replacing: A002T25071, A002T25081, A002T25171, A002T26072, A002T26172, A003T21474, A005T21471, A005T21472

Servicing: Ford, Mazda

Terminal W, Pulley P, Grooves 1, B+ M5, Length 170.50

A: 42.00 B: 13.00 C: 80.00 mm

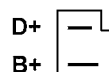

110168 Alternator 14 V, 50 Amp

Replacing: A002T22871, A002T24172, A002T24272, A002T24971, A002T24972, A005T00272, A005T20374, A005T20871

Servicing: Nissan

Pulley P, Grooves 1, B+ M5, Length 171.00

A: 42.50 B: 13.00 C: 81.00 mm


110178 5★ Alternator 14 V, 36 Amp

Manufacturer: Lucas

Replacing: AH2140B14

Servicing: Ford, Austin, Land Rover, Triumph, MG, Morris, Talbot, Vauxhall, Plymouth, Jensen, Lotus, Bedford, Case, Massey Ferguson, New Holland

Pulley w/o, B+ 9.40, Length 164.00

For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.

B: 10.00 C: 87.00 mm


110264 Alternator 14 V, 40 Amp

Replacing: A001T02871, A001T22071, A001T22971, A001T22975, A001T24371, A001T24571, A001T32471, A1T02871

Servicing: Nissan

Pulley P, Grooves 1, B+ M5, Length 159.00

A: 41.50 B: 13.20 C: 80.20 mm

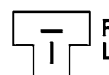

110307 Alternator 14 V, 60 Amp

Replacing: A002T14472, A002T40971, A002T40972, A003T02972, A003T32272, A003T33272, A003T34872, A003T40472

Servicing: Nissan, Mazda

Pulley P, Grooves 1, B+ M5, Length 166.20

A: 42.50 B: 13.10 C: 80.40 mm

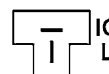

110318 Alternator 14 V, 50 Amp

Replacing: A002T16472, A002T23277, A002T24771, A002T25271, A002T40671, A002T41371, A003T21371, A005T15584

Servicing: Mitsubishi, Mazda, Dodge, Plymouth

Pulley P, Grooves 1, B+ M5, Length 170.90

A: 42.00 B: 12.50 C: 55.00 mm



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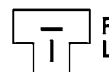
110385 Alternator 14 V, 40 Amp

Replacing: A001T33771, A1T33771

Servicing: Suzuki, Bedford, Sabaru

Pulley P, Grooves 1, B+ M6, Length 144.00

A: 41.00 B: 15.00 C: 66.00 mm

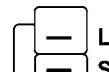

110448 Alternator 28 V, 20 Amp

Replacing: A001T70783, A1T70783

Servicing: Mitsubishi, Various Agriculture Vehicles

Terminal W, Pulley P, Grooves 1, B+ M5, Length 165.00

A: 44.50 B: 13.50 C: 81.30 mm

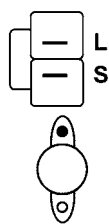

110631 Alternator 14 V, 70 Amp

Replacing: A005T03092, A005T03192, A005T04392, A005T04392A, A005T04392B, A005T04492A, A005T04492B, A5T03092

Servicing: Nissan

Pulley SP, Grooves 4, Fan IF, B+ M6, Length 160.00

A: 38.00 B: 24.85 C: 82.20 mm



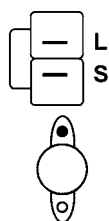
110632 Alternator 14 V, 65 Amp

Replacing: A005T00192, A5T00192

Servicing: Nissan

Pulley SP, Grooves 4, B+ M6, Length 161.00

A: 38.00 B: 25.00 C: 81.00 mm



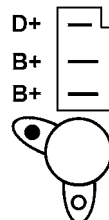
110659 Alternator 14 V, 75 Amp

Replacing: A002T09493, A005T05091, A2T09292, A2T09493, A5T05091, MD012085, MD114620, MD309333

Servicing: Mitsubishi, Hyundai, Dodge, Eagle, Plymouth, Kia

Pulley SP, Grooves 4, B+ M6, Length 156.30

A: 38.15 B: 13.00 C: 55.00 mm



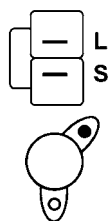
110759 Alternator 14 V, 35 Amp

Replacing: AH2040C, AQ2140C, AQ2140C4

Servicing: Ford, Iveco, Austin, Mercury

Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 160.00

A: 36.00 B: 10.50 C: 79.00 mm



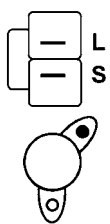
110802 Alternator 14 V, 75 Amp

Replacing: A003T02892, A003T03391, A003T03392, A003T03392ZC, A003T03393, A003T03393ZC, A003T03471, A003T03492

Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth

Pulley SP, Grooves 4, B+ M6, Length 159.50

A: 35.00 B: 13.25 C: 77.60 mm



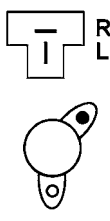
110804 Alternator 14 V, 90 Amp

Replacing: A003T45691, A003T45693, A003T45693ZC, A003T45694, A3T45691, A3T45693, A3T45693ZC, A3T45694

Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth

Pulley SP, Grooves 4, B+ M6, Length 160.00

A: 35.00 B: 13.40 C: 77.40 mm



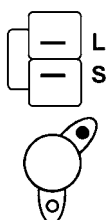
110805 Alternator 14 V, 45 Amp

Replacing: A002T24884, A005T15684, A005T15784, A005T15884, A005T16084, A005T16384, A005T20481, A005T20484

Servicing: Mitsubishi, Dodge, Mazda, Plymouth

Pulley P, Grooves 1, B+ M5, Length 221.50

A: 45.30 B: 13.10 C: 54.20 mm



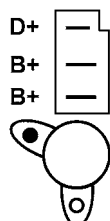
110806 Alternator 14 V, 65 Amp

Replacing: A002T01483, A002T01583, A002T01683, A002T01686, A002T01783, A002T10083, A2T01483, A2T01583

Servicing: Mitsubishi

Pulley P, Grooves 1, B+ M6, Length 223.50

A: 44.40 B: 12.80 C: 56.30 mm



110968 Alternator 14 V, 70 Amp

Replacing: AH2040C4

Servicing: Austin, Rover, Nissan MG, Case, Dronningborg, Ford, Mercedes-Benz, Valtra

Pulley P, Grooves 1, Fan EF, B+ M6, Length 167.00

Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 11.00 C: 82.00 mm



111035 Alternator 14 V, 65 Amp

Replacing: A002T32171, A2T32171

Servicing: Fiat, Lancia, Zastava, Autobianchi, Audi, Innocenti, VW, Case, Ford

Pulley P, Grooves 1, B+ M6, Length 164.50

A: 52.00 B: 23.00 C: 74.00 mm



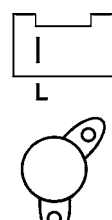
111042 Alternator 14 V, 35 Amp

Replacing: A001T11574, A001T22074, A1T11574, A1T22074, AH2025M4, AH2035M, AH2035M4, MD017635, MD017645

Servicing: Iseki, Mitsubishi

Pulley P, Grooves 1, B+ M5, Length 162.00

A: 42.00 B: 13.00 C: 65.00 mm



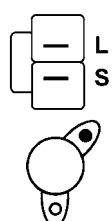
111076 Alternator 14 V, 50 Amp

Replacing: A002T26391, A002T26391G, A002T27091, A002T27091A, A002T27091C, A002T27091D, A002T27091E

Servicing: Citroen, Peugeot, Talbot, Opel

Pulley SP, Grooves 4, B+ M6, Length 163.50

A: 46.35 B: 26.80 C: 66.00 mm



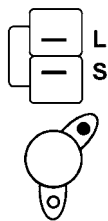
111238 Alternator 14 V, 75 Amp

Replacing: A003T08183, A3T08183, MD160671

Servicing: Mitsubishi

Pulley P, Grooves 1, B+ M6, Length 222.65

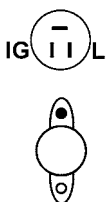
A: 45.20 B: 12.80 C: 55.10 mm


111240 Alternator 14 V, 50 Amp

Replacing: A002T01384, A002T02084, A002T06384, A002T09884, A2T01384, A2T02084, A2T06384, A2T09884, MD103372

Servicing: Mitsubishi

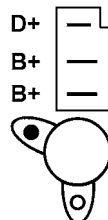
Pulley P, Grooves 1, B+ M6, Length 219.30
A: 44.70 B: 13.15 C: 54.55 mm


111279 Alternator 14 V, 50 Amp

Replacing: A001T01791, A001T02991, A001T03191, A001T03191ZC, A001T03195, A001T03195ZC, A001T04495, A005T07091

Servicing: Suzuki, Chevrolet, GEO, Pontiac
Pulley SP, Grooves 4, B+ M6, Length 160.00

A: 37.50 B: 14.00 C: 66.00 mm

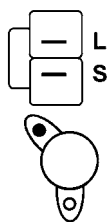

111289 Alternator 14 V, 70 Amp

Replacing: A005T31372, A005T31772, A005T31773, A005T31774, A5T31372, A5T31772, A5T31773, A5T31774

Servicing: Ford, Austin, Rover, Land Rover, MG, Massey Ferguson, Morris, CaseCummins, Dronningborg, New Holland

Terminal W, Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 175.00

A: 35.00 B: 12.50 C: 80.00 mm

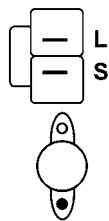

111309 Alternator 14 V, 75 Amp

Replacing: A2T39991, A2T39991A

Servicing: Hyundai, Kia, Proton

Pulley SP, Grooves 4, B+ M8, Length 169.00

A: 36.20 B: 13.15 C: 56.00 mm


111317 Alternator 14 V, 80 Amp

Replacing: A002T33191, A002T33191A, A002T33191ZC, A2T33191, A2T33191A, A2T33191ZC

Servicing: Ford, Mazda, Kia

Pulley SP, Grooves 4, Fan IF, B+ M8, Length 164.00

A: 38.50 B: 13.20 C: 67.00 mm

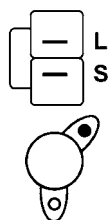

111318 Alternator 14 V, 80 Amp

Replacing: A002TA1991, A002TA1991D, A002TA1991F, A2TA1991, A2TA1991D, A2TA1991F

Servicing: Citroen, Peugeot, Fiat, Lancia, Citroen

Pulley SP, Grooves 6, B+ M8, Length 174.00

A: 92.35 B: 56.00 mm

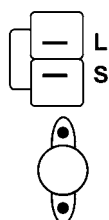

111339 Alternator 14 V, 65 Amp

Replacing: A002T17783, A002T27883, A2T17783, A2T27883, MD140189, MD147245

Servicing: Mitsubishi

Pulley P, Grooves 1, B+ M6, Length 275.00

A: 44.50 B: 13.00 C: 54.00 mm

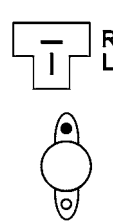

111342 Alternator 14 V, 60 Amp

Replacing: A005T01577, A005T01977, A005T03677, A005T03677A, A005T03777, A5T01577, A5T01977, A5T03677

Servicing: Mazda

Pulley P, Grooves 1, Fan IF, B+ M6, Length 156.00

A: 43.00 B: 13.00 C: 66.00 mm

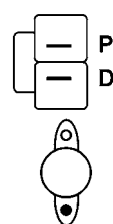

111344 Alternator 28 V, 25 Amp

Replacing: A002T70571, A002T71583, A005T70178, A005T70183, A005T70270, A005T70283, A2T70571, A2T71583

Servicing: Kia, Mitsubishi

Pulley P, Grooves 1, B+ M5, Length 243.50

A: 45.25 B: 12.55 C: 80.20 mm


111384 Alternator 14 V, 70 Amp

Replacing: A002TB0091, A002TB0091A, A002TB0091B, A002TB2391, A002TB6191, A002TB6192, A2TB0091, A2TB0091A

Servicing: Mazda, Kia

Pulley SP, Grooves 4, Fan IF, B+ M8, Length 172.00

ECU controlled.

A: 37.65 B: 13.15 C: 67.35 mm

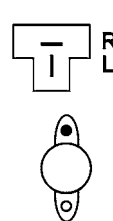

111406 Alternator 14 V, 110 Amp

Replacing: A002T01493, A003T12291, A003T12491, A004T01493, A004T03191, A2T01493, A3T12291, A3T12291A, A3T12491

Servicing: Mitsubishi, Hyundai, Dodge, Mitsubishi

Pulley SP, Grooves 6, B+ M6, Length 170.00

A: 23.50 B: 17.25 C: 55.40 mm

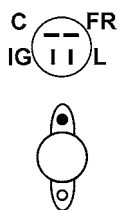

111495 Alternator 14 V, 40 Amp

Replacing: A007T03277, A007T03277A, A7T03277, A7T03277A

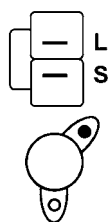
Servicing: Hyster, Sumitomo, Yale, Mitsubishi

Terminal W, Pulley P, Grooves 1, B+ M6, Length 161.00

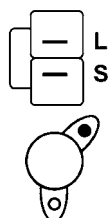
A: 42.00 B: 13.00 C: 81.50 mm



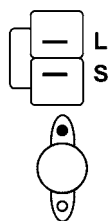
111578 Alternator 14 V, 60 Amp
Replacing: A001T02291, A001T02292, A001T02292ZC, A001T04892, A001T04892ZC, A001T04991, A1T02291, A1T02292
Servicing: Rover, Honda
Pulley SP, Grooves 3, B+ M6, Length 153.00
A: 89.50 B: 58.25 mm



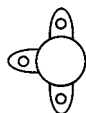
111594 Alternator 14 V, 75 Amp
Replacing: A002T82899, A002T82899A, A002T82899AT, A002T82899ZT, A002TN0499AT, A2T82899, A2T82899A, A2T82899AT
Servicing: Mitsubishi
Pulley DP, Grooves 2, B+ M8, Length 227.00
A: 42.50 B: 13.00 C: 55.00 mm



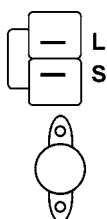
111626 Alternator 14 V, 90 Amp
Replacing: A003T09198, A003TA3098, A003TA3098A, A3T09198, A3TA3098, A3TA3098A, A3TB1399, MD200695, ME200695
Servicing: Mitsubishi
Pulley DP, Grooves 2, B+ M6, Length 178.00
A: 42.00 B: 13.20 C: 54.60 mm



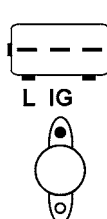
111704 Alternator 14 V, 70 Amp
Replacing: A005T06891, A005T06891A, A005T06891B, A005T06891C, A005T06891D, A5T06891, A5T06891A, A5T06891B
Servicing: Nissan
Pulley SP, Grooves 4, B+ M8, Length 175.00
A: 38.00 B: 13.00 C: 81.00 mm



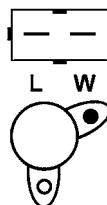
111720 Alternator 28 V, 90 Amp
Replacing: A004TR5191ZT
Servicing: Scania, Chevrolet
Terminal W, Pulley w/o, B+ M8, Length 175.50
B: 22.70 C: 68.70 mm



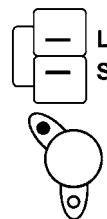
111747 Alternator 14 V, 70 Amp
Replacing: A003T03099, A3T03099
Servicing: Nissan
Pulley DP, Grooves 2, B+ M6, Length 242.00
A: 41.50 B: 13.00 C: 80.00 mm



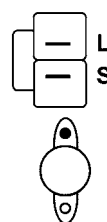
111779 Alternator 14 V, 70 Amp
Replacing: A005TA6191, A005TA6191ZC, A005TA6191ZE, A005TA6891, A005TA6891A, A5TA6191, A5TA6191ZC, A5TA6191ZE
Servicing: Suzuki
Pulley SP, Grooves 4, Fan IF, B+ M6, Length 159.50
A: 90.50 B: 58.00 mm



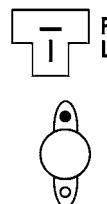
111797 Alternator 14 V, 95 Amp
Replacing: A003TN1791, A3TN1791
Servicing: Ford
Terminal W, Pulley SP, Grooves 4, B+ M8, Length 243.00
A: 34.00 B: 13.30 C: 81.00 mm



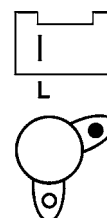
111806 Alternator 14 V, 90 Amp
Replacing: A003TA0791, A003TA0791A, A3TA0791, A3TA0791A, MD313395, MD350608
Servicing: Mitsubishi
Pulley SP, Grooves 5, B+ M8, Length 168.00
A: 25.00 B: 17.00 C: 54.80 mm



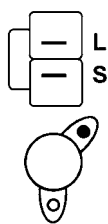
111807 Alternator 14 V, 70 Amp
Replacing: A002T39391, A002T39391A, A002T80391, A002T83491, A002T83491A, A002TA1191, A002TA3991, A002TA5891
Servicing: Mazda, Kia
Pulley SP, Grooves 4, B+ M8, Length 158.00
A: 38.00 B: 13.50 C: 66.50 mm



111832 Alternator 14 V, 40 Amp
Replacing: A000T25171, A000T25271, A000T25371, A000T25373, A0T25171, A0T25271, A0T25371, A0T25373, MM432804
Servicing: Mitsubishi
Terminal W, Pulley P, Grooves 1, B+ M5, Length 154.50
A: 42.00 B: 16.75 C: 41.00 mm



111841 Alternator 14 V, 50 Amp
Replacing: A001T02674, A001T02674D, A1T02674, A1T02674D
Servicing: Citroen, Peugeot
Pulley P, Grooves 1, B+ M6, Length 167.00
A: 95.50 B: 56.00 mm



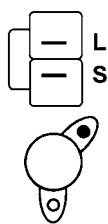
111872 Alternator 14 V, 65 Amp

Replacing: A002T81499, A002TN0399, A002TN0499, A002TN0499ZT, A2T81499, A2TN0399, A2TN0499, A2TN0499ZT

Servicing: Mitsubishi

Pulley DP, Grooves 2, Fan IF, B+ M8, Length 226.00

A: 42.00 B: 13.00 C: 55.00 mm



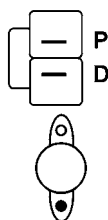
111956 Alternator 14 V, 75 Amp

Replacing: A003T08699, A003T09199, A003T09698, A003T09699, A003TB1299, A3T08699, A3T09199, A3T09698, A3T09699

Servicing: Mitsubishi

Pulley DP, Grooves 2, B+ M6, Length 167.00

A: 41.00 B: 13.00 C: 55.00 mm



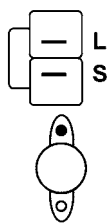
112067 Alternator 14 V, 80 Amp

Replacing: A002TB0191, A002TB0191A, A002TB0191B, A002TB7791, A2TB0191, A2TB0191A, A2TB0191B, A2TB0191BD

Servicing: Mazda

Pulley SP, Grooves 4, B+ M8, Length 163.00

A: 39.00 B: 13.50 C: 67.00 mm



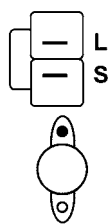
112068 Alternator 14 V, 35 Amp

Replacing: A007T03371, A007T03371A, A7T03371, A7T03371A

Servicing: TCM, Nissan

Pulley P, Grooves 1, B+ M8, Length 163.50

A: 42.00 B: 13.00 C: 81.25 mm



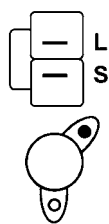
112069 Alternator 14 V, 50 Amp

Replacing: A007T03771, A007T03771A, A007TA3371, A007TA3377, A7T03771, A7T03771A, A7TA3371, A7TA3377

Servicing: Nissan, Caterpillar, Komatsu, Manitou, Mitsubishi, Still, TCM

Pulley P, Grooves 1, B+ M8, Length 162.00

A: 42.00 B: 13.10 C: 81.60 mm



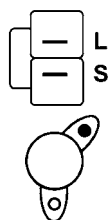
112128 Alternator 14 V, 75 Amp

Replacing: A002TN1199, A002TN1199A, A002TN1199AT, A002TN1199ZT, A003T15099, A003TN0399, A003TN0499, A2TN1199

Servicing: Mitsubishi

Pulley DP, Grooves 2, B+ M8, Length 226.00

A: 42.00 B: 13.00 C: 55.10 mm



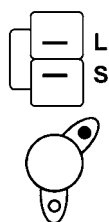
112129 Alternator 14 V, 90 Amp

Replacing: A003T07483, A3T07483, MD162964, MD339609

Servicing: Mitsubishi

Pulley P, Grooves 1, B+ M8, Length 239.00

A: 45.65 B: 13.00 C: 55.00 mm



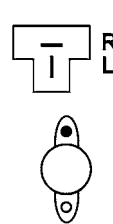
112205 Alternator 14 V, 90 Amp

Replacing: A003TN0699, A003TN0699A, A003TN0899, A003TN1199, A3TN0699, A3TN0699A, A3TN0899, A3TN1199, MD320354

Servicing: Hyundai, Mitsubishi

Pulley DP, Grooves 2, B+ M8, Length 251.00

A: 42.00 B: 13.10 C: 54.90 mm



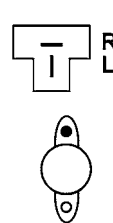
112210 Alternator 28 V, 30 Amp

Replacing: A002T72383, A2T72383, ME017562

Servicing: Mitsubishi

Pulley P, Grooves 1, B+ M5, Length 229.50

A: 44.00 B: 13.30 C: 80.90 mm



112270 Alternator 14 V, 35 Amp

Replacing: A001T03476, A001T23377, A001T25077, A001T25083, A001T25087, A001T25097, A001T31374, A001T31377

Servicing: Mazda

Terminal W, Pulley P, Grooves 1, B+ M5, Length 168.00

A: 41.85 B: 13.50 C: 81.65 mm



112298 Alternator 14 V, 80 Amp

Replacing: A002T37691, A002T37691A, A002TA0291, A002TA0291B, A002TA0291C, A002TA0291D, A002TA0291F, A2T37691

Servicing: Citroen, Fiat, Peugeot

Pulley SP, Grooves 6, B+ M8, Length 179.00

A: 42.00 B: 26.10 C: 66.70 mm



112299 Alternator 14 V, 95 Amp

Replacing: A003TA0291A, A003TA0591, A003TA0591C, A003TA0591D, A003TA0591E, A003TA0591F, A004T02891

Servicing: Peugeot, Citroen, Fiat

Pulley SP, Grooves 6, B+ M8, Length 182.00

A: 43.00 B: 27.00 C: 67.00 mm



B+ D+ W



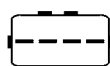
112325 Alternator 14 V, 70 Amp

Replacing: A002T14592, A002TA2292, A2T14592, A2TA2292

Servicing: Ford

Terminal W, Pulley SP, Grooves 5, B+ M6, Length 170.00
D+ may be w/ M4.

A: 33.00 B: 14.20 C: 75.50 mm



G S L F

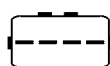


112327 Alternator 14 V, 100 Amp

Replacing: A003TA5491, A003TA5492, A003TA7791, A003TB0291, A003TB4191, A3TA5491, A3TA5492, A3TA7791, A3TB0291

Servicing: Mitsubishi, Hyundai, Kia, Volvo
Pulley SP, Grooves 4, B+ M8, Length 179.00

A: 38.45 B: 13.00 C: 66.50 mm



G S L F



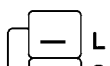
112328 Alternator 14 V, 85 Amp

Replacing: A002TA4991, A002TA5391, A002TA5391ZT, A002TB0892, A002TB5791ZC, A2TA4991, A2TA5391, A2TA5391ZT

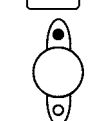
Servicing: Mitsubishi

Pulley SP, Grooves 4, B+ M8, Length 170.00

A: 38.00 B: 13.10 C: 66.50 mm



L S



112332 Alternator 14 V, 70 Amp

Replacing: A002T82378, A2T82378

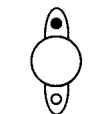
Servicing: Suzuki

Pulley P, Grooves 1, B+ M6, Length 238.00

A: 50.00 B: 13.00 C: 80.70 mm



L IG FR



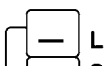
112349 Alternator 14 V, 70 Amp

Replacing: A005TA1091, A005TA1091ZC, A005TA4791, A005TA5591, A5TA1091, A5TA1091ZC, A5TA4791, A5TA5591

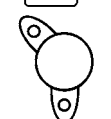
Servicing: Honda

Pulley SP, Grooves 4, B+ M6, Length 155.00

A: 90.00 B: 58.00 mm



L S



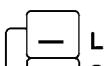
112352 Alternator 14 V, 70 Amp

Replacing: A002TA6099, A002TA6099A, A002TA6099AT, A002TC1479ZT, A2TA6099, A2TA6099A, A2TA6099AT, A2TC1479ZT

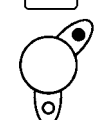
Servicing: Ford, Mazda

Pulley DP, Grooves 2, B+ M8, Length 179.00

A: 42.00 B: 13.00 C: 65.00 mm



L S



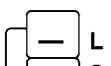
112355 Alternator 14 V, 80 Amp

Replacing: A002TN1798, A002TN1798A, A002TN1798AT, A002TN1798ZT, A2TN1798, A2TN1798A, A2TN1798AT, A2TN1798ZT

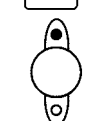
Servicing: Mitsubishi

Pulley DP, Grooves 2, Fan IF, B+ M8, Length 224.00

A: 42.00 B: 13.10 C: 54.00 mm



L S



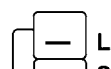
112359 Alternator 14 V, 100 Amp

Replacing: A003TA4399, A3TA4399

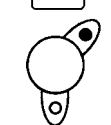
Servicing: Nissan

Pulley DP, Grooves 2, B+ M8, Length 177.00

A: 41.50 B: 12.90 C: 80.30 mm



L S



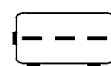
112418 Alternator 14 V, 90 Amp

Replacing: MD257744, MD349945, MD357744

Servicing: Mitsubishi

Pulley SP, Grooves 5, B+ M8, Length 180.00

A: 38.00 B: 12.90 C: 66.40 mm



L IG S



112427 Alternator 28 V, 90 Amp

Replacing: A004TA0592, A004TA8291, A004TA8292, A004TA8492, A4TA0592, A4TA8291, A4TA8292, A4TA8492

Servicing: Iveco

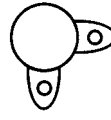
Pulley SP, Grooves 12, B+ M8, Length 198.00

Alternative no.: 115871

A: 90.00 B: 57.60 mm



L



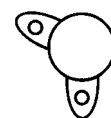
112457 Alternator 14 V, 110 Amp

Replacing: A002TB6481, A002TC0981, A002TV0981, A2TB6481, A2TC0981, A2TC0982, A2TV0981

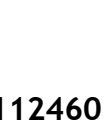
Servicing: Renault, Nissan

Pulley SP/FW, Grooves 5, B+ M8, Length 164.50

A: 42.00 B: 15.75 C: 61.00 mm



L S



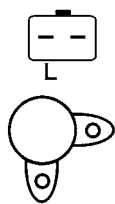
112460 Alternator 14 V, 150 Amp

Replacing: A004TF0091A, A004TF0091B, A4TF0091, A4TF0091A, A4TF0091B

Servicing: Citroen, Lancia, Peugeot, Fiat

Pulley SP, Grooves 6, B+ M8, Length 177.00

A: 43.60 B: 22.00 C: 45.60 mm

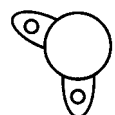

112471 Alternator 14 V, 125 Amp

Replacng: MW30638577, MW31216373

Servicing: Opel, Nissan, Renault, Vauxhall, VolvoMitsubishi

Pulley SP/FW, Grooves 6, B+ M8, Length 179.00

A: 32.50 B: 13.50 C: 60.90 mm


112480 Alternator 14 V, 90 Amp

Replacng: A002TB2291A, A002TB4891A, A002TB4891B, A002TB4891C, A002TB4891D, A2TB2291A, A2TB4891A, A2TB4891B

Servicing: Citroen, Fiat, Lancia. Peugeot

Pulley SP, Grooves 6, B+ M8, Length 174.00

A: 42.00 B: 22.00 C: 46.00 mm

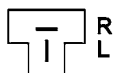

112492 Alternator 14 V, 50 Amp

Replacng: A007T02071, A007T02071A, A007T02071C, A007T02077, A007T02077A, A007T02077C, A7T02071, A7T02071A

Servicing: Club Cadet, Vetus, Sole Diesel, Cub Cadet

Terminal W, Pulley P, Grooves 1, B+ M6, Length 157.00

A: 43.50 B: 21.10 mm


112559 Alternator 14 V, 50 Amp

Replacng: A007TA1491, A7TA1491

Servicing: Various Industrial applications

Terminal W, Pulley SP, Grooves 4, Fan IF, B+ M6, Length 165.00

A: 42.00 B: 21.00 mm


112688 Alternator 14 V, 95 Amp

Replacng: A002TA2094, A002TA2094B, A002TA2094C, A002TA2094D, A2TA2094, A2TA2094B, A2TA2094C, A2TA2094D

Servicing: Alfa Romeo, Citroen, Peugeot, Lancia, Fiat

Pulley SP, Grooves 6, B+ M8, Length 175.00

A: 92.50 B: 55.80 mm


112703 Alternator 14 V, 120 Amp

Replacng: A003TA5591, A003TA5591A, A3TA5591, A3TA5591A

Servicing: Citroen, Peugeot, Fiat

Pulley SP, Grooves 6, B+ M8, Length 180.00

A: 92.00 B: 56.00 mm


112772 Alternator 14 V, 120 Amp

Replacng: A004T03491, A004T03491A, A004T03491B, A004TA0091B, A004TA0091C, A004TA0091D, A004TA0091E

Servicing: Fiat, Peugeot, Citroen, Lancia

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 175.50

A: 42.50 B: 26.70 C: 66.80 mm

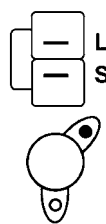

113246 Alternator 14 V, 90 Amp

Replacng: A001TA3392, A001TA3392A, A001TA3392C, A005TA6292C, A005TA6292F, A005TA6292G, A005TA6292ZE

Servicing: Citroen, Peugeot

Pulley SP, Grooves 6, B+ M8, Length 179.00

A: 42.50 B: 22.00 C: 45.40 mm

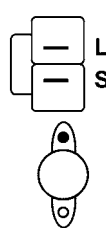

113310 Alternator 14 V, 50 Amp

Replacng: A002TA2871, A002TA2871A, A2TA2871, A2TA2871A, MD316418, MD354809

Servicing: Caterpillar, Clark

Pulley P, Grooves 1, B+ M8, Length 165.00

A: 41.50 B: 13.00 C: 79.40 mm

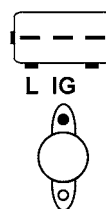

113317 Alternator 14 V, 80 Amp

Replacng: A002TB3191, A002TB3191A, A2TB3191, A2TB3191A

Servicing: Nissan

Pulley SP, Grooves 6, B+ M8, Length 180.50

A: 38.20 B: 13.00 C: 80.90 mm

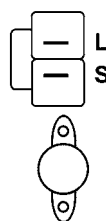

113322 Alternator 14 V, 60 Amp

Replacng: A005TA3891, A005TA3891A, A005TA3891AC, A005TA3891C, A005TA3891ZC, A5TA3891, A5TA3891A, A5TA3891AC

Servicing: Mercedes-Benz, Suzuki

Pulley SP, Grooves 4, B+ M6, Length 157.50

A: 89.85 B: 58.00 mm

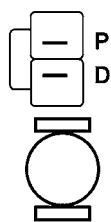

113324 Alternator 14 V, 90 Amp

Replacng: A003TB0771, A3TB0771

Servicing: Nissan

Pulley P, Grooves 1, B+ M8, Length 164.00

A: 42.50 B: 13.00 C: 80.80 mm



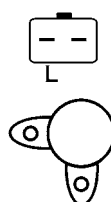
113348 Alternator 14 V, 90 Amp

Replacing: A003TG0091, A3TG0091, A3TG0091A

Servicing: Mazda

Pulley SP, Grooves 6, B+ M8

A: 39.00 B: 60.00 C: 75.00 mm



113403 Alternator 14 V, 75 Amp

Replacing: A001TA2291, A001TA2293, A1TA2291, A1TA2293

Servicing: Renault, Nissan

Pulley SP, Grooves 3, B+ M8, Length 160.00

A: 53.50 B: 27.00 C: 66.50 mm



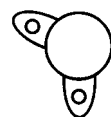
113405 Alternator 14 V, 70 Amp

Replacing: A001TA3391A, A001TA3391B, A001TA3391C, A005TA6291, A005TA6291A, A005TA6291B, A005TA6291C

Servicing: Peugeot, Citroen, Peugeot

Terminal DF, Pulley SP, Grooves 6, B+ M8, Length 170.00

A: 42.50 B: 22.00 C: 45.50 mm



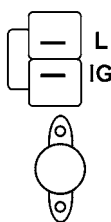
113485 Alternator 14 V, 80 Amp

Replacing: A002TA1994, A002TA1994B, A002TA1994C, A002TA1994D, A002TB4391, A2TA1994, A2TA1994B, A2TA1994C

Servicing: Citroen, Peugeot, Fiat, Suzuki, Lancia

Pulley SP, Grooves 6, B+ M8, Length 166.00

A: 92.00 B: 56.00 mm



113497 Alternator 28 V, 35 Amp

Replacing: A003TN5188, A3TN5188, ME017614

Servicing: New Holland, Various Industrial applications

Pulley DP, Grooves 2, B+ M8, Length 185.00

A: 42.50 B: 13.30 C: 81.80 mm



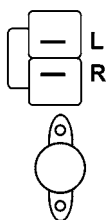
113503 Alternator 14 V, 120 Amp

Replacing: A003TA6491, A003TA6491A, A003TB0891, A003TB0891A, A003TB0891B, A003TB0891C, A3TA6491, A3TA6491A

Servicing: Citroen, Peugeot, Fiat, Lancia

Pulley SP, Grooves 6, B+ M8, Length 177.00

A: 43.00 B: 22.20 C: 45.00 mm



113506 Alternator 28 V, 40 Amp

Replacing: A003TN5288, A3TN5288, ME017615

Servicing: Mitsubishi

Terminal W, Pulley DP, Grooves 2, B+ M8, Length 185.00

A: 43.00 B: 13.10 C: 81.60 mm



113562 Alternator 14 V, 40 Amp

Replacing: A007T03877, A007TA1777, A7T03877

Servicing: Ford, New Holland

Terminal W, Pulley P, Grooves 1, B+ M6, Length 160.00

A: 42.00 B: 12.90 C: 81.50 mm



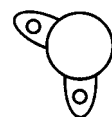
113575 Alternator 14 V, 80 Amp

Replacing: A005TA6391, A005TA6391A, A005TA6391B, A005TA6391C, A5TA6391, A5TA6391A, A5TA6391B, A5TA6391C

Servicing: Peugeot, Citroen, Fiat

Pulley SP, Grooves 6, B+ M8, Length 162.00

A: 42.00 B: 22.00 C: 45.00 mm



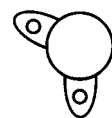
113603 Alternator 14 V, 80 Amp

Replacing: A002TB2191A, A002TB4791, A002TB4791A, A002TB4791B, A2TB2191A, A2TB4791, A2TB4791A, A2TB4791B

Servicing: Citroen, Fiat, Peugeot

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 172.00

A: 42.00 B: 22.00 C: 46.00 mm



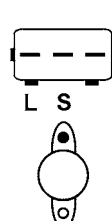
113604 Alternator 14 V, 95 Amp

Replacing: A002TA2091, A002TA2091D, A002TA2091E, A002TA2091F, A2TA2091, A2TA2091A, A2TA2091D, A2TA2091E

Servicing: Citroen, Peugeot, Fiat, Lancia, Peugeot

Pulley SP, Grooves 6, B+ M8, Length 175.50

A: 92.70 B: 56.00 mm



113634 Alternator 14 V, 90 Amp

Replacing: A002TB2891, A002TB2891ZC, A002TB2991, A002TB6291, A2TB2891, A2TB2891ZC, A2TB2991, A2TB6291

Servicing: Subaru, Saab

Pulley SP, Grooves 5, B+ M8, Length 165.00

A: 46.45 B: 13.15 C: 79.70 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



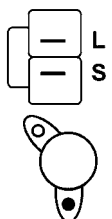
113782 Alternator 14 V, 110 Amp

Replacing: 1800A064, 1800A145, A003TG1191, A003TG1192, A3TG1191, A3TG1192, A3TG3491, A3TG4891, A3T-G4891AC

Servicing: Mitsubishi

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 162.00

A: 38.00 B: 13.00 C: 53.50 mm



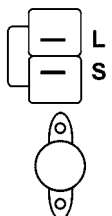
113785 Alternator 14 V, 80 Amp

Replacing: A002TA1099, A002TA1099A, A002TB1298, A002TB1299, A2TA1099, A2TA1099A, A2TB1298, A2TB1299

Servicing: Mazda

Pulley DP, Grooves 2, B+ M8, Length 182.00

A: 41.50 B: 12.80 C: 64.00 mm



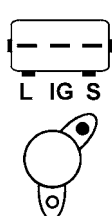
113886 Alternator 28 V, 50 Amp

Replacing: A004TU5486, A004TU9586, A4TU5485, A4TU5486, A4TU9586, AT263669

Servicing: Hitachi, John Deere, Various Industrial applications

Pulley SP, Grooves 3, B+ M6, Length 225.00

A: 60.00 B: 13.00 C: 70.00 mm



113923 Alternator 28 V, 90 Amp

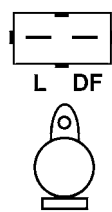
Replacing: A004TA0591, A004TA8491, A4TA0591, A4TA8491

Servicing: Iveco

Pulley SP, Grooves 10, B+ M8, Length 213.00

Alternative no.: 115879

A: 90.00 B: 58.10 mm



113952 Alternator 14 V, 70 Amp

Replacing: A005TA4391, A005TA6591, A5TA4391, A5TA6591

Servicing: Ford

Pulley SP, Grooves 6, B+ M6,

Length 159.00

A: 11.00 B: 72.00 C: 52.00 mm



113954 Alternator 14 V, 70 Amp

Replacing: A005TA7091, A005TA7091ZC, A005TA7091ZE, A005TA7191ZC, A5TA6991A, A5TA7091, A5TA7091ZC, A5TA7091ZE

Servicing: Honda

Pulley SP, Grooves 6, Fan IF, B+ M6

A: 94.50 B: 58.00 mm



113971 Alternator 14 V, 115 Amp

Replacing: A003TR0091, A003TR0091ZT, A3TR0091, A3TR0091ZT, A3TR0093, A3TR0093ZT, A3TR0094, A3TR0094ZT

Servicing: Volvo Penta

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 204.00

A: 44.50 B: 14.00 C: 104.00 mm



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www.hc-cargo.com

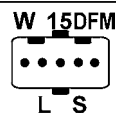
113992 Alternator 14 V, 140 Amp

Replacing: 1800A066

Servicing: Audi, Mitsubishi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 178.00

A: 39.00 B: 14.60 C: 61.30 mm



114078 Alternator 28 V, 120 Amp

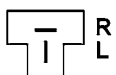
Replacing: A4TR5893, A4TR5893ZT

Servicing: Volvo

Pulley SP, Grooves 8, B+ M8, Length 215.00

Alternative no.: 115494

A: 45.00 B: 14.00 C: 105.50 mm



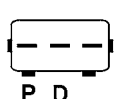
114079 Alternator 14 V, 40 Amp

Replacing: 30A68-00800, 30A68-00801, A007TA0171, A007TA0171B, A7TA0171, A7TA0171B

Servicing: Case, Caterpillar, Cub Cadet, Doosan, Hyundai, Ingersoll-Rand, Kobelco, Mahindra, Mitsubishi, Terex

Terminal W, Pulley P, Grooves 1, B+ M5, Length 160.00

A: 43.00 B: 16.00 C: 41.60 mm



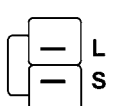
114111 Alternator 14 V, 90 Amp

Replacing: A003TB6581, A3TB6581

Servicing: Mazda

Pulley SP/FW, Grooves 8, B+ M8, Length 164.00

A: 39.00 B: 13.00 C: 66.50 mm



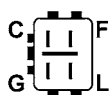
114112 Alternator 14 V, 90 Amp

Replacing: A003TB4981, A3TB4981

Servicing: Mazda

Pulley SP/FW, Grooves 8, B+ M8

A: 39.00 B: 13.10 C: 65.00 mm



114116 Alternator 14 V, 75 Amp

Replacing: A005TA7599, A005TA7599ZC, A5TA7599, A5TA7599ZC

Servicing: Honda

Pulley w/o, B+ M6, Length 165.00

B: 22.00 mm



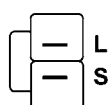
114129 Alternator 14 V, 90 Amp

Replacing: A005TA7692, A005TA7792, A5TA7692, A5TA7792

Servicing: Ford, Mazda

Pulley SP, Grooves 6, B+ M6, Length 160.00

A: 11.00 B: 72.00 C: 52.00 mm



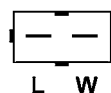
114187 Alternator 14 V, 105 Amp

Replacing: A003TN2481, A3TN2481, A3TN2481A, A3TN2481AT, MD371144

Servicing: Mitsubishi

Pulley SP/FW, Grooves 6, B+ M8, Length 240.00

A: 46.70 B: 13.00 C: 54.50 mm



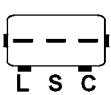
114207 Alternator 14 V, 100 Amp

Replacing: A003TN2581, A003TN2582, A3TN2581, A3TN2582

Servicing: Suzuki

Pulley SP/FW, Grooves 6, B+ M8, Length 224.00

A: 45.00 B: 13.00 C: 82.00 mm



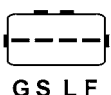
114214 Alternator 14 V, 80 Amp

Replacing: A002TB3091, A002TB5391, A002TB6991, A002TG0391, A2TB3091, A2TB5391, A2TB6991, A2TG0391

Servicing: Saab, Subaru

Pulley SP, Grooves 5, Fan IF, B+ M8

A: 46.50 B: 13.00 C: 80.00 mm



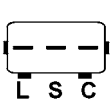
114229 Alternator 14 V, 120 Amp

Replacing: 1800A008, A003TG3391ZT, A3TG3391, A3TG3391ZT

Servicing: Mitsubishi

Pulley SP, Grooves 6, B+ M8

A: 39.00 B: 13.00 C: 66.00 mm



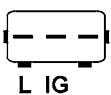
114244 Alternator 14 V, 130 Amp

Replacing: A003TG2681, A003TG2681AE, A003TG2681ZE, A3TG2681, A3TG2681AE, A3TG2681ZE

Servicing: Nissan, Renault V.I.

Pulley SP/FW, Grooves 7, B+ M8, Length 154.00

A: 38.50 B: 13.00 C: 81.00 mm



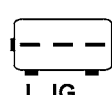
114245 Alternator 14 V, 75 Amp

Replacing: A005TB0891ZE, A005TB1291ZE, A5TB0891, A5TB0891ZE, A5TB1291, A5TB1291ZE

Servicing: Suzuki

Pulley SP, Grooves 4, B+ M6, Length 155.00

A: 90.50 B: 57.90 mm



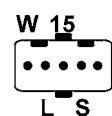
114247 Alternator 14 V, 75 Amp

Replacing: A005TA4291, A005TA4291ZC, A005TB1292AE, A5TA4291, A5TA4291AC, A5TA4291BC, A5TA4291ZC, A5TB1292

Servicing: Opel, Suzuki, Vauxhall

Pulley SP, Grooves 5, Fan IF, B+ M6, Length 158.00

A: 90.40 B: 58.00 mm



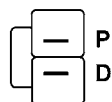
114303 Alternator 28 V, 100 Amp

Replacing: A004TA8591, A4TA8591

Servicing: Renault V.I., Volvo

Pulley SP, Grooves 10, Fan IF, B+ M8, Length 195.00

A: 82.50 B: 56.00 mm



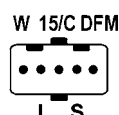
114358 Alternator 14 V, 110 Amp

Replacing: A002TC0091, A2TC0091

Servicing: Mazda

Pulley SP, Grooves 6, B+ M8, Length 165.00

A: 13.70 B: 24.15 C: 66.50 mm



114382 Alternator 28 V, 100 Amp

Replacing: A004TR5691, A004TR5691ZT, A4TR5691, A4TR5691AM, A4TR5691ZT

Servicing: Scania

Pulley SP, Grooves 10, Fan IF, B+ M8, Length 195.00

A: 20.50 C: 35.50 mm



114406 5★ Alternator 14 V, 115 Amp

Manufacturer: Valeo

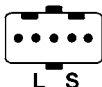
Replacing: 1800A029, MN960266

Servicing: Smart (MCC), Mitsubishi

Pulley SP/FW, Grooves 5, B+ M8, Length 186.00

A: 81.50 B: 46.20 mm

W 15/C DFM



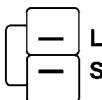
114407 Alternator 28 V, 90 Amp

Replacing: A004TR5391, A004TR5391ZT, A004TR5393, A004TR5393ZT, A4TR5391, A4TR5391ZT, A4TR5393, A4TR5393ZT

Servicing: Renault VI, Renault V.I., Volvo

Pulley SP, Grooves 8, B+ M8

A: 44.50 B: 13.80 C: 101.00 mm



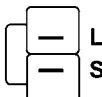
114425 Alternator 28 V, 50 Amp

Replacing: A004T40386, A004TU9286, A4T40386, A4TU9286, ME077790

Servicing: Mitsubishi

Terminal W, Pulley DP, Grooves 2, B+ M8, Length 215.00

A: 42.00 B: 14.00 C: 81.00 mm



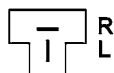
114432 Alternator 14 V, 100 Amp

Replacing: A003TA0491, A003TA2391, A3TA0491, A3TA2391, A3TA2391A, MD313384, MD318460, MD354804

Servicing: Mitsubishi

Pulley SP, Grooves 4, B+ M8, Length 170.00

A: 23.20 B: 13.15 C: 79.60 mm



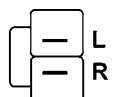
114456 Alternator 28 V, 30 Amp

Replacing: A002TA8383, A2TA8383

Servicing: Kobelco

Pulley P, Grooves 1, B+ M5, Length 161.00

A: 44.50 B: 12.80 C: 81.00 mm



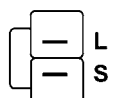
114457 Alternator 28 V, 35 Amp

Replacing: 32B68-00200, A003TN5883, A3TN5883

Servicing: Mitsubishi

Pulley P, Grooves 1, B+ M8, Length 237.00

A: 44.50 B: 13.75 C: 81.00 mm



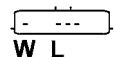
114489 Alternator 14 V, 110 Amp

Replacing: A003TA6581, A003TA6581A, A003TA6581AK, A003TA6581KD, A3TA6581, A3TA6581A, A3TA6581ADK, A3TA6581AKD

Servicing: Nissan

Pulley FW, Grooves 1, Fan IF, B+ M8 Freewheel Pulley: HC-CARGO 235071.

A: 42.00 B: 12.80 C: 81.00 mm



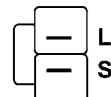
114508 Alternator 28 V, 90 Amp

Replacing: A004TR5091, A004TR5091ZT, A4TR5091, A4TR5091ZT

Servicing: Renault V.I.

Terminal W, Pulley SP, Grooves 5, B+ M8, Length 215.00

A: 81.00 B: 27.00 C: 65.00 mm



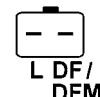
114533 Alternator 14 V, 100 Amp

Replacing: A003TN2581A, A3TN2581A, A3TN2581AT

Servicing: Suzuki

Pulley SP/FW, Grooves 6, B+ M8, Length 230.80 Pulley: HC-CARGO 235877.

A: 45.00 B: 13.00 C: 82.00 mm



114670 Alternator 14 V, 210 Amp

Replacing: A4TJ0381, A4TJ0382, A4TJ0382ZE

Servicing: Renault

Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 198.55

A: 33.00 B: 14.50 mm



114707 Alternator 14 V, 80 Amp

Replacing: A005TG1392, A005TG1392A, A005TG1392B, A5TG1392, A5TG1392A, A5TG1392B

Servicing: Citroen, Peugeot

Pulley SP, Grooves 6, B+ M8

A: 42.50 B: 22.00 C: 45.50 mm



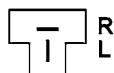
114752 Alternator 14 V, 80 Amp

Replacing: A005TG0881, A005TG0881ZE, A005TG0881ZEA, A005TG0881ZEB, A5TG0881, A5TG0881ZE, A5TG0881ZEA

Servicing: Citroen, DS, Peugeot

Pulley SP/FW, Grooves 6, B+ M8

A: 26.00 B: 80.00 C: 47.85 mm



114759 Alternator 14 V, 55 Amp

Replacing: A7TA1777

Servicing: Case, New Holland

Terminal W, Pulley P, Grooves 1, Fan IF, B+ M6, Length 160.00

A: 41.00 B: 13.00 C: 82.50 mm



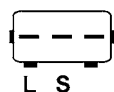
114770 Alternator 14 V, 80 Amp

Replacing: 32A68-04700, 32A68-04722

Servicing: Various Industrial applications

Pulley P, Grooves 1, B+ M6, Length 155.00

A: 97.00 B: 58.50 mm



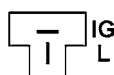
114803 Alternator 14 V, 150 Amp

Replacing: A003TJ0781, A003TJ0781AE, A003TJ0781ZE, A3TJ0781, A3TJ0781AE, A3TJ0781ZE

Servicing: Nissan

Pulley SP/FW, Grooves 7, B+ M8, Length 180.00

A: 38.00 B: 13.00 C: 81.00 mm



114807 Alternator 14 V, 60 Amp

Replacing: A001TA1777, A1TA1777, A1TA3677

Servicing: Aebi, Bobcat, Bomag, Caterpillar, Hyundai, Kawasaki, Kubota, Manitou, Mitsubishi, Thomas

Pulley P, Grooves 1, B+ M6, Length 164.00

A: 61.00 B: 29.00 mm



114809 Alternator 28 V, 80 Amp

Replacing: A003TA8491, A3TA8491

Servicing: Renault V.I.

Terminal W, Pulley w/o, Fan IF, B+ M8, Length 195.00

B: 27.00 C: 66.50 mm



114826 Alternator 14 V, 185 Amp

Manufacturer: Mitsubishi

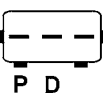
Replacing: A003TX0481, A3TX0481

Servicing: Nissan, Opel, Renault, Vauxhall

Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 200.00

Alternative no.: 116324

A: 33.00 B: 14.50 C: 62.00 mm



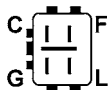
114839 Alternator 14 V, 100 Amp

Replacing: A003TB6781, A003TB6781A, A3TB6781, A3TB6781A

Servicing: Mazda

Pulley SP/FW, Grooves 8, B+ M8, Length 185.00

A: 39.00 B: 13.00 C: 66.00 mm



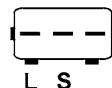
114841 Alternator 14 V, 80 Amp

Replacing: A005TB0091, A005TB1391, A005TB1391ZD, A5TB0091, A5TB1391, A5TB1391ZD

Servicing: Honda

Pulley SP, Grooves 5, Fan IF, B+ M6, Length 165.00

A: 42.00 B: 16.50 C: 39.00 mm



114842 Alternator 14 V, 150 Amp

Replacing: A003TJ2481, A003TJ2481ZE, A3TJ2481, A3TJ2481ZE

Servicing: Nissan, Renault

Pulley SP/FW, Grooves 7, B+ M8, Length 193.00

A: 33.00 B: 14.00 C: 60.50 mm



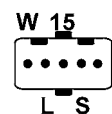
114843 Alternator 28 V, 80 Amp

Replacing: A003TR5092ZT, A3TR5092, A3TR5092ZT

Servicing: Volvo Penta

Pulley SP, Grooves 8, B+ M8, Length 207.00

A: 44.50 B: 13.50 C: 104.00 mm



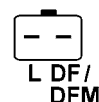
114846 Alternator 28 V, 130 Amp

Replacing: A004TR5891ZT, A4TR5891, A4TR5891ZT

Servicing: Renault V.I.

Pulley SP, Grooves 8, B+ M8, Length 211.00

A: 44.50 B: 13.50 C: 103.60 mm



114859 Alternator 14 V, 180 Amp

Replacing: A004TJ0081C, A004TJ0084, A004TJ0084A, A004TJ0084B, A004TJ0084C, A4TJ0081, A4TJ0081A, A4TJ0081B

Servicing: Citroen, Fiat, Lancia, Peugeot

Pulley SP/FW, Grooves 6, B+ M8, Length 181.00

A: 42.50 B: 21.00 C: 45.00 mm



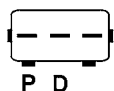
114861 Alternator 28 V, 100 Amp

Replacing: A004TR5291, A004TR5291AT, A004TR5291ZT, A4TR5291, A4TR5291AT, A4TR5291ZT

Servicing: Scania

Terminal W, Pulley SP, Grooves 8, B+ M8, Length 190.00

A: 20.00 B: 85.00 C: 35.50 mm



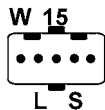
114865 Alternator 14 V, 100 Amp

Replacing: A002TJ0391, A002TJ0391A, A002TJ0391B, A002TJ0391C, A2TJ0391, A2TJ0391A, A2TJ0391B, A2TJ0391C

Servicing: Mazda

Pulley SP, Grooves 6, Fan IF, B+ M8

A: 40.00 B: 60.00 C: 73.80 mm



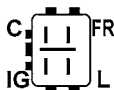
114880 Alternator 28 V, 110 Amp

Replacing: A004TR5591, A004TR5591ZT, A004TR5592, A004TR5592ZT, A004TR5593, A004TR5593ZT, A4TR5591, A4TR5591ZT

Servicing: Renault V.I., Volvo, Volvo Penta

Terminal W, Pulley SP, Grooves 8, B+ M8, Length 212.00

A: 44.50 B: 13.80 C: 103.00 mm



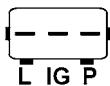
114881 Alternator 14 V, 80 Amp

Replacing: A005TG0291, A5TG0291, A5TG0291A

Servicing: Suzuki

Pulley SP, Grooves 5, B+ M6, Length 170.00

A: 90.00 B: 57.50 mm



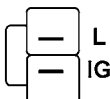
114902 Alternator 14 V, 90 Amp

Replacing: 32868-03201

Servicing: Caterpillar, Hyundai, Ingersoll-Rand, Mahindra, Mitsubishi, Terex, Volvo

Pulley DP, Grooves 2, B+ M8, Length 174.00

A: 95.50 B: 58.00 mm



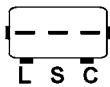
115315 Alternator 28 V, 50 Amp

Replacing: A004TU6285, A004TU9685, A4TU6285, A4TU9685

Servicing: Isuzu

Terminal W, Pulley Triple Pulley, Grooves 3, Fan EF, B+ M6, Length 227.00

A: 60.00 B: 13.00 C: 70.00 mm



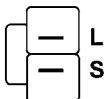
115316 Alternator 14 V, 100 Amp

Replacing: A005TL0191A, A5TL0191, A5TL0191A, A5TL0191AM

Servicing: Nissan

Pulley SP, Grooves 7, B+ M8, Length 183.00

A: 32.80 B: 13.10 C: 59.00 mm



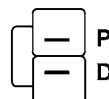
115317 Alternator 14 V, 120 Amp

Replacing: A002TG0281, A2TG0281

Servicing: Nissan, Opel, Renault, Renault V.I., Vauxhall

Pulley SP/FW, Grooves 7, Length 190.00

A: 38.50 B: 13.10 C: 81.00 mm



115368 Alternator 14 V, 90 Amp

Replacing: A003TG0081, A003TG0081A, A3TG0081, A3TG0081A, A3TG0081B

Servicing: Mazda

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 175.00

A: 40.50 B: 60.00 C: 76.00 mm



115369 Alternator 14 V, 150 Amp

Replacing: 1800A138

Servicing: Citroen, Mitsubishi, Peugeot

Pulley SP/FW, Grooves 6, B+ M8

A: 42.10 B: 21.00 C: 45.50 mm



115371 Alternator 14 V, 120 Amp

Replacing: A003TG1891, A003TG1891B, A003TG1891ZE, A3TG1891, A3TG1891A, A3TG1891B, A3TG1891ZE, A3TG1891ZEA

Servicing: Citroen, Peugeot

Pulley SP, Grooves 6, B+ M8, Length 177.00

A: 43.00 B: 21.70 C: 45.00 mm

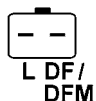
NEW PRODUCT
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115373* Alternator 14 V, 150 Amp

Replacing: A002TX0481, A2TX0481

Servicing: Renault

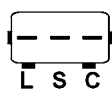
Pulley SP/FW, Grooves 7, B+ M8



115438 Alternator 14 V, 120 Amp
 Replacing: A003TB2691, A003TB2691B, A003TB2691C, A003TB2691D, A003TB2691E, A003TB2691F, A003TB2691G
 Servicing: Citroen, Peugeot
 Pulley SP, Grooves 6, B+ M8, Length 180.00
 A: 42.50 B: 22.00 C: 45.50 mm



115441 Alternator 14 V, 85 Amp
 Replacing: 1800A070, 1800A222, 1800A248, A005TG0091, A005TG0091AE, A005TG0091BE, A005TG0091ZE, A5TG0091
 Servicing: Mitsubishi, Smart (MCC)
 Pulley SP, Grooves 5, B+ M8, Length 166.00
 A: 48.00 B: 13.00 C: 45.00 mm



115453 Alternator 14 V, 110 Amp
 Replacing: A003TG0491, A003TG0591, A003TG4291, A3TG0491, A3TG0491A, A3TG0591, A3TG4291
 Servicing: Subaru
 Pulley SP, Grooves 5, Fan IF, B+ M8, Length 168.00
 A: 46.00 B: 13.00 C: 80.00 mm



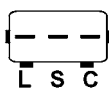
115454 Alternator 28 V, 40 Amp
 Replacing: A002TA8191, A002TA8191ZT, A2TA8191, A2TA8191ZT
 Servicing: Renault V.I.
 Terminal W, Pulley DP, Grooves 2, Fan IF, B+ M8, Length 185.00
 A: 48.30 B: 27.00 C: 66.70 mm



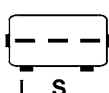
115474 Alternator 14 V, 80 Amp
 Manufacturer: Mitsubishi
 Replacing: A005TG0192, A005TG0192A, A005TG0192B, A5TG0192, A5TG0192A, A5TG0192B
 Servicing: Citroen, Dongfeng Citroen, Peugeot
 Pulley SP, Grooves 6
 Alternative no.: 116476
 A: 41.50 mm



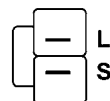
115477 Alternator 14 V, 90 Amp
 Replacing: 1800A007, A005TG0491ZT, A5TG0491, A5TG0491ZT
 Servicing: Mitsubishi
 Pulley SP, Grooves 6, B+ M8, Length 177.00
 A: 38.50 B: 13.00 C: 66.00 mm



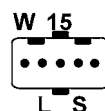
115519 Alternator 14 V, 150 Amp
 Replacing: A003TJ3881, A003TJ3881ZE, A3TJ3881, A3TJ3881ZE
 Servicing: Nissan, Renault
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 193.00
 A: 33.50 B: 14.00 C: 60.00 mm



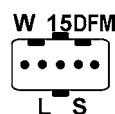
115548 Alternator 14 V, 120 Amp
 Replacing: A002TJ0291, A002TJ0291ZE, A2TJ0291, A2TJ0291ZC, A2TJ0291ZE
 Servicing: Nissan
 Pulley SP, Grooves 7, Fan IF, B+ M8, Length 183.00
 A: 32.50 B: 14.50 C: 59.00 mm



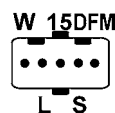
115550 Alternator 14 V, 90 Amp
 Replacing: A003TB5099, A3TB5099
 Servicing: Nissan
 Pulley DP, Grooves 2, B+ M8, Length 178.50
 A: 37.50 B: 13.00 C: 81.00 mm



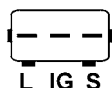
115577[#] Alternator 28 V, 80 Amp
 Replacing: A004TR5392, A004TR5392ZT, A4TR5392, A4TR5392ZT
 Servicing: Renault V.I., Volvo
 Pulley SP, Grooves 8, B+ M8, Length 212.00
 A: 45.00 B: 13.50 C: 103.50 mm



115585 Alternator 28 V, 160 Amp
 Replacing: A009TU5591, A009TU5591A, A9TU5591, A9TU5591A, A9TU5591ZT
 Servicing: Scania
 Pulley SP, Grooves 8, B+ M10, Length 255.00
 A: 49.00 B: 15.50 C: 151.50 mm



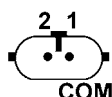
115586 Alternator 28 V, 150 Amp
 Replacing: A009TU6499, A9TU6499
 Servicing: Scania
 Pulley SP, Grooves 10, B+ M10, Length 235.00
 A: 47.70 B: 18.00 C: 95.40 mm



115602 Alternator 28 V, 90 Amp
 Replacing: A004TA8494, A4TA8494
 Servicing: Iveco
 Pulley SP, Grooves 6, B+ M8,
 Length 198.00
 B: 58.90 mm

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115650* Alternator 14 V, 210 Amp
 Replacing: A004TJ0481, A4TJ0481
 Servicing: Renault
 Pulley SP/FW, Grooves 6



115651 Alternator 14 V, 210 Amp
 Replacing: A004TJ0582, A004TJ0582ZE,
 A4TJ0582, A4TJ0582ZC, A4TJ0582ZE
 Servicing: Dacia, Renault
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 204.00
 A: 39.00 B: 14.50 C: 58.00 mm



115655 Alternator 14 V, 110 Amp
 Replacing: A2TC0391
 Servicing: Dacia, Renault
 Pulley SP, Grooves 4, B+ M8,
 Length 172.00
 A: 52.00 B: 27.00 C: 67.50 mm



NEW PRODUCT
www.hc-cargo.com

115656* Alternator 14 V, 70 Amp
 Replacing: A001TA3792, A1TA3792
 Servicing: Dacia, Renault
 Pulley SP, Grooves 4, Fan IF

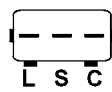


115661 Alternator 14 V, 90 Amp
 Replacing: A002TC1391ZC, A002TC1391ZE,
 A2TC1391, A2TC1391ZC, A2TC1391ZE
 Servicing: Dongfeng Honda, Honda
 Pulley SP, Grooves 7, Fan IF, B+ M6,
 Length 170.00
 A: 44.50 B: 20.00 C: 40.50 mm

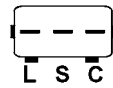


NEW PRODUCT
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115663* Alternator 14 V, 95 Amp
 Replacing: 1800A221, 1800A247,
 A005TL0091, A005TL0091A, A5TL0091,
 A5TL0091A
 Servicing: Mitsubishi
 Pulley SP, Grooves 5, Fan IF



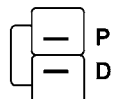
115703 Alternator 14 V, 150 Amp
 Replacing: A002TX1781, A2TX1781, A2TX-
 1781AE
 Servicing: Nissan
 Pulley SP/FW, Grooves 7, Fan IF,
 B+ M8, Length 173.00
 A: 38.50 B: 13.00 C: 81.00 mm



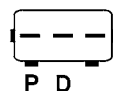
115705 Alternator 14 V, 110 Amp
 Replacing: A002TJ0581, A002TJ0581ZE, A2T-
 G1581AC, A2TJ0581, A2TJ0581ZE
 Servicing: Dongfeng (DFL), Nissan, Nissan
 (Dongfeng)
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8
 A: 38.50 B: 14.00 C: 58.50 mm



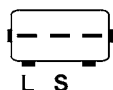
115760 Alternator 14 V, 120 Amp
 Replacing: 1800A053, A003TG3181, A3TG3181
 Servicing: Citroen, Mitsubishi
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8
 A: 34.00 B: 13.00 C: 52.50 mm



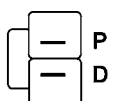
115786 Alternator 14 V, 90 Amp
 Replacing: A003TG1391, A003TG1391A,
 A3TG1391, A3TG1391A, A3TG1391AD,
 A3TG4791
 Servicing: Mazda
 Pulley SP, Grooves 6, Fan IF, B+ M8
 A: 75.00 B: 75.00 C: 68.60 mm



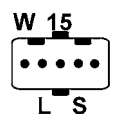
115795 Alternator 14 V, 90 Amp
 Replacing: A002TG1391, A2TG1391, A2T-
 G1391ZD
 Servicing: Mazda
 Pulley SP, Grooves 6, B+ M8
 A: 37.30 B: 13.00 C: 66.00 mm



115796 Alternator 14 V, 110 Amp
 Replacing: A3TG2391, A3TG2391ZC
 Servicing: Subaru
 Pulley SP, Grooves 5, B+ M8,
 Length 169.10, Insulated return No
 A: 45.00 B: 13.00 C: 80.00 mm



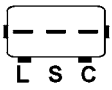
115797 Alternator 14 V, 100 Amp
 Replacing: A3TG1291, A3TG1291A, A3T-
 G1291B
 Servicing: Mazda
 Pulley SP, Grooves 5, Fan IF, B+ M8
 A: 38.00 B: 13.00 C: 65.00 mm



115799# Alternator 28 V, 120 Amp
 Replacing: A004TR5794, A004TR5794ZT,
 A4TR5794, A4TR5794ZT
 Servicing: Iveco
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 182.00
 A: 90.00 B: 58.00 mm



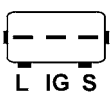
115800 Alternator 28 V, 100 Amp
 Replacing: A004TR5188ZT, A4TR5188,
 A4TR5188ZT, A4TR5191, A4TR5191ZT
 Servicing: Scania, Toyota
 Terminal W, Pulley DP, Grooves 2,
 B+ M8, Length 195.00
 A: 55.00 B: 22.80 C: 67.00 mm



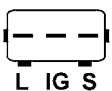
115811 Alternator 14 V, 150 Amp
 Replacing: A002TX2181, A2TX2181,
 A2TX2191ZE
 Servicing: Nissan
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 188.00
 A: 33.00 B: 14.00 C: 58.50 mm



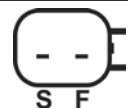
115832 Alternator 28 V, 80 Amp
 Replacing: A003TA8591, A003TA8591ZT,
 A3TA8591, A3TA8591ZT
 Servicing: Renault V.I.
 Pulley SP, Grooves 8, Fan IF, B+ M8,
 Length 187.00, Insulated return No
 A: 42.60 B: 27.40 C: 66.60 mm



115871 ★ Alternator 28 V, 90 Amp
 Manufacturer: Mitsubishi
 Replacing: A004TA0592, A004TA8291,
 A004TA8292, A004TA8492, A004TA8792,
 A4TA0592, A4TA8291, A4TA8292, A4TA8492
 Servicing: Iveco
 Pulley SP, Grooves 12, B+ M8, Length 204.00
 Alternative no.: 112427
 A: 90.00 B: 58.00 mm



115879 ★ Alternator 28 V, 90 Amp
 Manufacturer: Mitsubishi
 Replacing: A004TA0591, A004TA8491,
 A4TA0591, A4TA8491
 Servicing: Iveco
 Pulley SP, Grooves 10, B+ M8, Length 196.00
 Alternative no.: 113923
 A: 90.00 B: 58.00 mm



115925 Alternator 14 V, 115 Amp
 Replacing: A002TJ0481ZC, A200TJ0481,
 A2TJ0481, A2TJ0481ZC, A2TJ0481ZD
 Servicing: Chrysler, Dodge, Jeep
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 198.00
 A: 34.00 B: 12.70 C: 53.80 mm



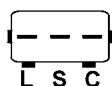
115926 Alternator 14 V, 120 Amp
 Replacing: 1800A115, A3TG4679
 Servicing: Mitsubishi
 Pulley DP, Grooves 2, B+ M8,
 Length 180.00
 A: 42.00 B: 13.00 C: 60.00 mm



115975 Alternator 14 V, 110 Amp
 Replacing: 1800A067, A3TG2991, A3TG2991A
 Servicing: Mitsubishi
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 174.00
 A: 42.50 B: 13.00 C: 67.00 mm



115995 Alternator 28 V, 50 Amp
 Replacing: 34363-02300, 34368-02300,
 A004TU3586, A4TU3586
 Servicing: Caterpillar
 Pulley DP, Grooves 2, Fan EF, B+ M5,
 Length 209.00
 A: 46.00 B: 13.50 C: 81.00 mm



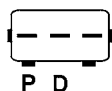
116009 Alternator 14 V, 110 Amp

Replacing: A002TJ1291, A002TJ1291AE, A002TJ1291ZE, A2TJ1291, A2TJ1291AE, A2TJ1291ZE

Servicing: Nissan

Pulley SP, Grooves 7, Fan IF, B+ M8, Length 187.00

A: 32.50 B: 14.20 C: 59.00 mm



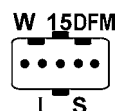
116011 Alternator 14 V, 100 Amp

Replacing: A002TJ0681, A2TJ0681, A2TJ0681A

Servicing: Mazda

Pulley SP/FW, Grooves 8, B+ M8

A: 26.00 B: 13.00 C: 57.00 mm



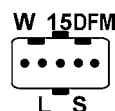
116014 Alternator 28 V, 100 Amp

Replacing: A004TA8191, A4TA8191

Servicing: Renault V.I., Volvo

Pulley SP, Grooves 10, B+ M8, Length 195.00

A: 82.70 B: 57.00 mm



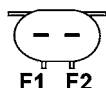
116015 Alternator 28 V, 80 Amp

Replacing: A003TA8791, A3TA8791

Servicing: Renault V.I.

Pulley SP, Grooves 10, B+ M8, Length 197.00

A: 82.60 B: 55.70 mm



116020 Alternator 14 V, 100 Amp

Replacing: A002TG0191ZC, A2TG0191, A2TG0191ZC

Servicing: Chrysler, Dodge

Pulley SP, Grooves 4, B+ M6, Length 172.00

A: 36.50 B: 12.00 C: 51.00 mm



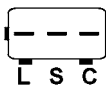
116030 Alternator 14 V, 130 Amp

Replacing: 1800A271, 1800A334, A002TX1081A, A2TX1081, A2TX1081A, A2TX1081B

Servicing: Citroen, Mitsubishi, Peugeot

Pulley SP/FW, Grooves 6, B+ M8

A: 43.00 B: 13.00 C: 49.50 mm



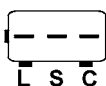
116031 Alternator 14 V, 150 Amp

Replacing: A002TX1181, A2TX1181

Servicing: Infiniti, Nissan

Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 189.00

A: 39.50 B: 13.00 C: 81.00 mm



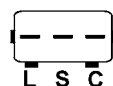
116032 Alternator 14 V, 130 Amp

Replacing: A002TX0691, A002TX0691ZC, A002XT0691, A2TX0691, A2TX0691ZC

Servicing: Subaru

Pulley SP, Grooves 5, B+ M8, Length 198.00

A: 47.00 B: 13.00 C: 80.00 mm



116033 Alternator 14 V, 150 Amp

Replacing: A002TX1981, A002TX1981ZT, A2TX1981, A2TX1981ZT

Servicing: Nissan

Pulley SP/FW, Grooves 6, B+ M8, Length 192.00

A: 33.00 B: 13.00 C: 59.00 mm

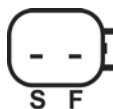
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116034* Alternator 14 V, 150 Amp

Replacing: A002TX0191ZC, A2TX0191, A2TX0191ZC

Servicing: Ford, Ford USA, Mazda

Pulley SP, Grooves 6



116037 Alternator 14 V, 160 Amp

Replacing: A002TX0281, A2TX0281, A2TX0281ZC

Servicing: Dodge

Pulley SP/FW, Grooves 6, B+ M8, Length 204.00

A: 34.20 B: 13.00 C: 55.00 mm



116042 Alternator 28 V, 60 Amp

Replacing: A003TA8291, A003TA8291RR, A3TA8291, A3TA8291RR

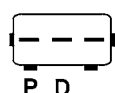
Servicing: Renault V.I.

Terminal W, Pulley w/o, B+ M8, Length 178.00

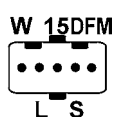
B: 27.00 C: 66.00 mm



116109 Alternator 14 V, 45 Amp
 Replacing: A007TA1677, A007TA1677A, A7TA1677
 Servicing: Kubota
 Pulley P, Grooves 1, B+ M6,
 Length 156.00
 A: 62.00 B: 29.00 mm



116110 Alternator 14 V, 110 Amp
 Replacing: A003TJ1181, A3TJ1181
 Servicing: Mazda
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 191.00
 A: 40.00 B: 60.00 C: 74.00 mm



116119 Alternator 28 V, 100 Amp
 Replacing: A004TR5491, A004TR5491AT, A004TR5491ZT, A004TR5693, A004TR5693ZT, A4TR5491, A4TR5491AT, A4TR5491ZT
 Servicing: Scania
 Pulley SP, Grooves 8, Fan IF, B+ M8,
 Length 189.00
 A: 20.50 B: 86.00 C: 36.30 mm

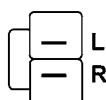


116153 Alternator 14 V, 95 Amp
 Replacing: 1800A287, A005TL0092B, A5TL0092B
 Servicing: Citroen, Mitsubishi
 Pulley SP, Grooves 5, B+ M8
 A: 48.50 B: 13.00 C: 46.30 mm

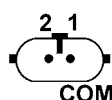


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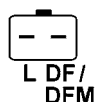
116154 Alternator 14 V, 120 Amp
 Replacing: MK667724
 Servicing: Mitsubishi



116164 Alternator 28 V, 50 Amp
 Replacing: 34368-03800, A004TU3599, A4TU3599
 Servicing: Caterpillar
 Pulley SP/FW, Grooves 12, B+ M6,
 Length 221.00
 A: 40.30 B: 13.50 C: 80.50 mm



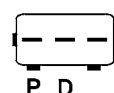
116216 Alternator 14 V, 210 Amp
 Replacing: A004TJ0281, A004TJ0281ZE, A004TJ0282, A004TJ0282AM, A004TJ0282ZE, A4TJ0281, A4TJ0282, A4TJ0282AM
 Servicing: Renault
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 200.00
 A: 32.50 B: 14.50 C: 60.00 mm



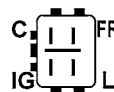
116217 Alternator 14 V, 110 Amp
 Replacing: A002TC1791, A002TC1791AM, A2TC1791, A2TC1791AM
 Servicing: Dacia
 Pulley SP, Grooves 4, B+ M8,
 Length 172.00
 A: 52.70 B: 27.00 C: 70.00 mm



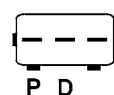
116218 Alternator 14 V, 90 Amp
 Replacing: A005TJ0091, A005TJ0091ZD, A5TJ0091, A5TJ0091ZD
 Servicing: Honda
 Pulley SP, Grooves 5, B+ M6,
 Length 150.00
 A: 37.50 B: 17.10 C: 38.80 mm



116224 Alternator 14 V, 100 Amp
 Replacing: A005TJ0591ZT, A005TJ0591ZX, A005TL0491, A5TJ0591ZT, A5TJ0591ZX, A5TL0491
 Servicing: Mazda, Mazda (Changan)
 Pulley SP, Grooves 6, Fan IF, B+ M8
 A: 44.30 B: 13.00 C: 66.20 mm



116292 Alternator 14 V, 75 Amp
 Replacing: A005TG1891, A5TG1491, A5TG1891, A5TG1891A
 Servicing: Suzuki
 Pulley SP, Grooves 6, B+ M8,
 Length 173.00
 A: 41.00 B: 75.00 C: 55.00 mm



116293 Alternator 14 V, 150 Amp
 Replacing: A002TX3081, A2TX3081
 Servicing: Mazda
 Pulley SP/FW, Grooves 6, B+ M8
 A: 30.00 B: 18.00 C: 46.90 mm



116311 Alternator 14 V, 120 Amp

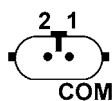
Replacing: A003TG5281, A003TG5281ZE, A003TG5281ZEA, A003TG5281ZEB, A003TG-5281ZED, A3TG5281, A3TG5281ZE

Servicing: Citroen, DS, Mini, Peugeot

Pulley SP/FW, Grooves 6, B+ M8

Alternative no.: 114811

A: 26.00 B: 80.50 C: 47.50 mm



116324 Alternator 14 V, 185 Amp

Replacing: A003TX0481, A3TX0481

Servicing: Nissan, Opel, Renault, Vauxhall

Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 198.70

Alternative no.: 114826

A: 33.40 B: 14.50 C: 61.00 mm



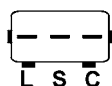
116394 Alternator 14 V, 130 Amp

Replacing: 1800A121, 1800A288, A2TX0881, A2TX0881A

Servicing: Mitsubishi

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 188.00

A: 33.50 B: 13.00 C: 54.00 mm



116395 Alternator 14 V, 150 Amp

Replacing: A3TJ4081ZE

Servicing: Nissan

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 195.00, Insulated return No

A: 38.50 B: 14.00 C: 60.00 mm



116409 Alternator 14 V, 150 Amp

Replacing: A002TX9091, A2TX9091

Servicing: Mazda

Pulley SP, Grooves 6, B+ M8,

Length 160.00

A: 44.50 B: 13.00 C: 66.50 mm



116439 Alternator 14 V, 80 Amp

Replacing: A005TG1991, A005TG2491ZE, A005TG2591, A005TG2591AE, A005TG2591ZE, A5TG1991, A5TG1991ZE, A5TG2491ZE

Servicing: Suzuki

Pulley SP, Grooves 5, B+ M6, Length 160.00

A: 91.50 B: 58.00 mm



116574 Alternator 14 V, 80 Amp

Replacing: A005TA5977, A005TA5977B, A005TA5977C, A5TA5977, A5TA5977B, A5TA5977C

Servicing: Kubota

Pulley P, Grooves 1, B+ M6

A: 42.60 B: 13.00 C: 67.20 mm



116575 Alternator 14 V, 50 Amp

Replacing: 32A68-00401, 32A68-10200, 32A68-10201, A007TA0477, A007TA0477A, A7TA0477, A7TA0477A

Servicing: New Holland

Pulley P, Grooves 1, Fan IF, B+ M6, Length 164.00

A: 42.00 B: 12.90 C: 81.00 mm



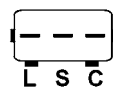
116633 Alternator 14 V, 140 Amp

Replacing: A6651540202

Servicing: Ssangyong

Pulley SP/FW, Grooves 6, B+ M8, Length 191.00

A: 92.00 B: 56.00 mm



116646 Alternator 14 V, 130 Amp

Replacing: A003TJ1791, A003TJ1791A, A003TJ1791B, A003TJ1791ZC, A3TJ1791, A3TJ1791A, A3TJ1791ZC

Servicing: Dongfeng (DFL), Nissan, Nissan (Dongfeng)

Pulley SP, Grooves 7, Fan IF, B+ M8, Length 155.00

A: 39.00 B: 13.00 C: 75.00 mm

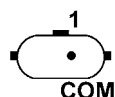
NEW PRODUCT
www.hc-cargo.com

116529* Alternator 14 V, 50 Amp

Replacing: 32A68-00400, A007TA0483, A007TA0483A, A7TA0483, A7TA0483A

Servicing: Caterpillar, Mitsubishi, Nissan, TCM

Grooves 1



NEW PRODUCT
www.hc-cargo.com

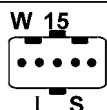
116561 Alternator 14 V, 185 Amp

Replacing: A003TX1781, A003TX1781ZE, A3TX1781, A3TX1781ZE

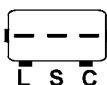
Servicing: Opel, Renault, Vauxhall

Pulley SP/FW, Grooves 7

NEW PRODUCT
www.hc-cargo.com



116651 Alternator 28 V, 120 Amp
Manufacturer: Mitsubishi
Replacing: A0004TA8391, A004TA8691, A4TA8191, A4TA8391, A4TA8691, A4TA8691AM
Servicing: Volvo
Pulley SP, Grooves 10, Fan IF, B+ M8, Length 196.00
B: 56.00 mm



116680 Alternator 14 V, 110 Amp
Replacing: A002TJ1381, A2TJ1381
Servicing: Nissan, Nissan (Dongfeng)
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 192.00
A: 38.50 **B:** 14.00 **C:** 58.00 mm

NEW PRODUCT
www.hc-cargo.com

116698 Alternator 14 V, 85 Amp
Replacing: 1800A123, A005TG1291, A5TG1291
Servicing: Mitsubishi
Pulley SP, Grooves 5

NEW PRODUCT
www.hc-cargo.com

116700 Alternator 14 V, 140 Amp
Replacing: A004TA0499, A4TA0499, ME191048
Servicing: Mitsubishi
Pulley SP, Grooves 2

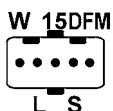
NEW PRODUCT
www.hc-cargo.com

116707 Alternator 14 V, 95 Amp
Replacing: 1800A410, A005TL0781, A005TL0781ZT, A5TL0781, A5TL0781ZT
Servicing: Fiat, Mitsubishi
Pulley SP/FW, Grooves 6, Fan IF



NEW PRODUCT
www.hc-cargo.com

116725 Alternator 14 V, 140 Amp
Replacing: ME230743, MK667725
Servicing: Fuso (Mitsubishi), Mitsubishi, Temsa
Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 193.00
A: 37.90 **B:** 14.00 **C:** 79.50 mm



NEW PRODUCT
www.hc-cargo.com

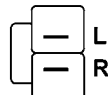
116730* Alternator 28 V, 130 Amp
Replacing: A004TR6191, A004TR6193, A004TR6193ZT, A004TR6291, A004TR6293, A004TR6293ZT, A004TR6391
Pulley SP, Grooves 8

NEW PRODUCT
www.hc-cargo.com

116738* Alternator 14 V, 170 Amp
Replacing: A003TX0781, A003TX0781A, A3TX0781, A3TX0781A
Servicing: Subaru
Pulley SP/FW, Grooves 7, Fan IF

NEW PRODUCT
www.hc-cargo.com

116743* Alternator 14 V, 185 Amp
Replacing: A003TX2581ZE, A3TX2581, A3TX2581ZE
Servicing: Renault
Pulley SP/FW, Grooves 7

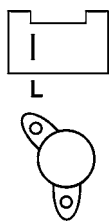


NEW PRODUCT
www.hc-cargo.com

116769* Alternator 28 V, 80 Amp
Replacing: A004TU6088, A4TU6888, ME215129, ME221165
Servicing: Mitsubishi
Pulley DP, Grooves 2, Fan EF, B+ M8, Length 201.00
A: 43.00 **B:** 13.60 **C:** 81.00 mm

NEW PRODUCT
www.hc-cargo.com

116793* Alternator 14 V, 95 Amp
Replacing: A005TJ0191, A005TJ0191ZD, A005TJ0191ZE, A5TJ0191, A5TJ0191AC, A5TJ0191ZC, A5TJ0191ZD, A5TJ0191ZE
Servicing: Honda
Grooves 6



110048 5★ Alternator 14 V, 70 Amp

Manufacturer: Mahle Letrika

Replacing: 510-834

Servicing: Farymann, Renault, Volvo Penta

Terminal W, Pulley SP, Grooves 1,

Fan EF, B+ M6, Length 180.00,

Insulated return Yes

A: 72.00 B: 51.00 mm



110052 Alternator 28 V, 40 Amp

Replacing: 510-804, 510-817, 9AR2713, 9AR3713, 9AR3713G, 9AR3739, 9AR3739G

Servicing: Baudouin, DAF, Volvo Penta

Terminal W, Pulley w/o, Fan EF, B+ M6,

Length 177.00, Insulated return Yes

B: 50.00 mm



110077 5★ Alternator 14 V, 50 Amp

Manufacturer: Mahle Letrika

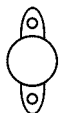
Replacing: 510-249

Servicing: Citroen, Opel, Peugeot, Vauxhall,

Case, Deutz-Fahr, Fendt, Goldoni

Pulley P, Grooves 1, B+ M6, Length 171.00

A: 78.50 B: 56.00 mm



110105 5★ Alternator 14 V, 55 Amp

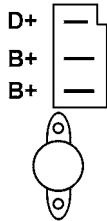
Manufacturer: Mahle Letrika

Replacing: 510-384, 9AR2968, 9AR2968K

Servicing: John Deere lawn equipment w/ cooling eng

Pulley P, Grooves 1, B+ M6, Length 178.00

A: 83.30 B: 56.00 mm



110107 Alternator 14 V, 55 Amp

Replacing: 432984QO, 510-187, 510-298, 510-299, 510-300, 510-301, 510-315, 510-316, 510-320, 510-368, 510-456

Servicing: Massey Ferguson

Pulley P, Fan EF, B+ Plug, Length 165.00



110112 Alternator 28 V, 40 Amp

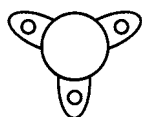
Replacing: 510-347, 510-348, 9AR3739, 9AR3921G

Servicing: Volvo, Volvo Penta

Terminal W, Pulley w/o, Fan EF, B+ M6,

Length 175.50

B: 51.00 mm



110113 Alternator 28 V, 27 Amp

Replacing: 510-372, 9AR3927G

Servicing: Mercedes-Benz

Pulley w/o, B+ M6, Length 165.00

B: 80.00 mm



110116 Alternator 28 V, 35 Amp

Replacing: 510-397, 9AR3987G

Servicing: DAF, MAN, Ford

Terminal W, Pulley w/o, B+ M8,

Length 180.00

B: 80.00 mm



110127 Alternator 14 V, 70 Amp

Replacing: 510-803, 510-816, 510-818, 510-819, 9AR2712P, 9AR2738P, 9AR2740P, 9AR2741F, 9AR2741P, 9AR2775

Servicing: Volvo Penta, Farymann

Terminal W, Pulley P, Grooves 1,

Fan EF, B+ M6, Length 179.00,

Insulated return Yes

A: 79.00 B: 51.00 mm



110163 5★ Alternator 28 V, 45 Amp

Manufacturer: Mahle Letrika

Replacing: 510-388, 9AR3806G, 9AR3961

Servicing: Renault, Renault V.I.

Terminal W, Pulley DP, Grooves 2,

Fan EF, B+ M6, Length 172.50

A: 48.75 B: 27.25 C: 67.50 mm



110173 Alternator 28 V, 75 Amp

Replacing: 8LHA2012NO, 8LHA3025PA

Servicing: DAF, Clark

Pulley w/o, B+ M8, Length 246.00,

Insulated return No

NOTE !! NOT with insulated return

B: 14.50 C: 101.50 mm



110175 Alternator 28 V, 100 Amp

Replacing: 8SC3002Y

Servicing: Volvo, Volvo Penta

Pulley w/o, Fan EF, B+ M8,

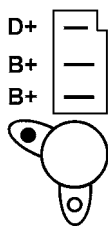
Length 249.00, Insulated return Yes

Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.

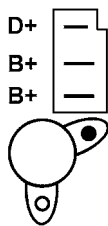
B: 14.75 C: 103.00 mm



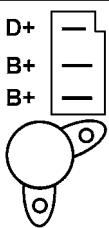
110176 Alternator 28 V, 175 Amp
Replacing: 8SC3005Y
Servicing: Volvo Penta
Terminal W, Pulley w/o, Fan EF,
B+ 5/16" UNC, Length 278.00,
Insulated return Yes
B: 14.75 C: 101.50 mm



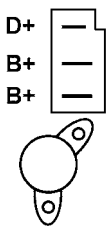
110178 Alternator 14 V, 36 Amp
Manufacturer: Lucas
Replacing: 2541194, 510-104, 510-105,
 9AR2569, 9AR2612, 9AR2613, 9AR2652,
 9AR2915F, 9AR2916, 9AR2916F
Servicing: Ford, Austin, Land Rover, Triumph,
 MG, Morris, Talbot, Vauxhall, Plymouth,
 Jensen, Lotus, Bedford, Case, Massey Fergu-
 son, New Holland
Pulley w/o, B+ 9.40, Length 164.00
For pulley w/ 17.00 mm bore use bushing:
HC-CARGO 134894.
B: 10.00 C: 87.00 mm



110179 Alternator 14 V, 36 Amp
Manufacturer: Lucas
Replacing: 9AR2603, 9AR2603F, 9AR2603G,
 9AR2612, 9AR2613, 9AR2651, 9AR2706,
 9AR2877, 9AR2916, 9AR2917, 9AR5019
Servicing: Ford, Land Rover, Triumph, Vaux-
 hall, Lotus, Jaguar, Mercury, Bedford, Case,
 LDV International
Pulley w/o, B+ 9.40, Length 162.00
For pulley w/ 17.00 mm bore use bushing:
HC-CARGO 134894.
B: 9.75 C: 88.00 mm



110358 Alternator 14 V, 55 Amp
Replacing: 2541264, 9AR2759K, 9AR2759K01,
 9AR2759K02, 9AR2765, 9AR2784K, 9AR2785,
 9AR2845, 9AR2846, 9AR2846K
Servicing: Mercedes, Seat, Mercedes-Benz
Pulley P, Grooves 1, Fan EF, B+ Plug,
Length 162.50
A: 77.50 B: 56.00 mm



110360 Alternator 14 V, 45 Amp
Replacing: 9AR2526, 9AR2528, 9AR2528F,
 9AR2726, 9AR2756, 9AR2756F, 9AR2763,
 9AR2835, 9AR2835G, 9AR2883
Servicing: Audi, VW, Deutz-Fahr, Fiat
Pulley P, Grooves 1, B+ 9.40, Length 154.00
B: 56.00 mm



110408 Alternator 14 V, 35 Amp
Replacing: 8AL2040FS, 8EA2001F, 8EA2002F,
 8EA2004F, 8EA2011N, 8EA2016F, 8EB2002F,
 8EB2003F, 8RA2050F
Servicing: Thermo King, American Motors,
 Jeep, American Motors
Terminal W, Pulley w/o, B+ 1/4" UNC,
Length 145.00
B: 27.00 mm



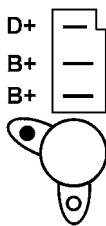
110487 Alternator 14 V, 37 Amp
Replacing: 8EK2003FC, 8EK2003FD, 8EK-
 2004DE, 8EK2006FC, 8EK2008FC, 8EK2011FA,
 8EK2011FB, 8EK2011FC
Servicing: Thermo King
Pulley w/o, B+ 1/4" UNF, Length 180.00
B: 27.00 mm



110488 Alternator 14 V, 65 Amp
Replacing: 8EK2005NC, 8EK2005ND,
 8EK2007NC, 8EK2012NB
Servicing: Thermo King
Pulley w/o, B+ 1/4" UNF, Length 178.00
B: 27.00 mm



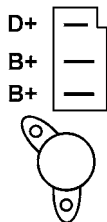
110743 Alternator 14 V, 30 Amp
Replacing: 9AL2696G
Servicing: Citroen
Pulley P, Grooves 1, B+ M6,
Length 155.00
Regulator: HC-CARGO 130679.
A: 61.00 B: 40.00 mm



110759 Alternator 14 V, 35 Amp
Replacing: 9AR2602F, 9AR2611F, 9AR2612,
 9AR2612G, 9AR2613, 9AR2613F, 9AR2627,
 9AR2627G, 9AR2651, 9AR2652
Servicing: Ford, Iveco, Austin, Mercury
Pulley P, Grooves 1, Fan EF, B+ 9.40,
Length 160.00
A: 36.00 B: 10.50 C: 79.00 mm



110766 Alternator 28 V, 27 Amp
Replacing: 9AR6015K
Servicing: Atlas Copco, Iveco, MercedesCase,
 Deutz-Fahr, KHD, Liebherr, Magirus-Deutz,
 Mercedes-Benz, Steyr
Terminal W, Pulley w/o, B+ M6,
Length 170.00
B: 56.00 mm



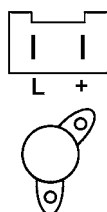
110770 Alternator 14 V, 55 Amp

Replacing: 9AR2651, 9AR2706

Servicing: Austin, Rover, MG, LDV International, Massey Ferguson, Vauxhall, Bobcat, Caterpillar, Ford, Gehl, Hako, Ingersoll-Rand, JCB, Komatsu, Manitou, Terex, Thwaites

Terminal W, Pulley w/o, B+ Plug, Length 166.00

B: 12.00 C: 82.00 mm



110889 Alternator 14 V, 75 Amp

Replacing: 9AR2950P

Servicing: Renault, Renault V.I.

Terminal W, Pulley P, Grooves 1, B+ M6, Length 176.50

A: 57.90 B: 26.90 C: 69.00 mm



110890 Alternator 14 V, 55 Amp

Replacing: 9AL5050K

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Massey Ferguson, Same, Seat

Pulley P, Grooves 1, B+ M6, Length 169.00

A: 49.00 B: 17.00 C: 63.00 mm



110891 Alternator 14 V, 70 Amp

Replacing: 9AR2501K, 9AR2533, 9AR2533P, 9AR2538K, 9AR2604L, 9AR2604P, 9AR2919

Servicing: Ford, Land Rover, MG

Terminal W, Pulley w/o, B+ M6, Length 169.00

B: 11.30 C: 83.00 mm



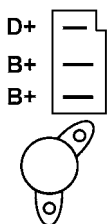
110911 Alternator 14 V, 55 Amp

Replacing: 9AR2588, 9AR2588K, 9AR2596K, 9AR2621L, 9AR2638, 9AR2638P, 9AR2780, 9AR2780K

Servicing: Audi, Saab, VW, Peugeot

Pulley P, Grooves 1, B+ M6, Length 171.00

A: 77.64 B: 56.00 mm



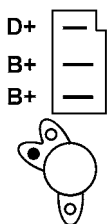
110913 Alternator 14 V, 70 Amp

Replacing: 9AL2707L, 9AR2515, 9AR2515K, 9AR2516, 9AR2516F, 9AR2517K, 9AR2518F, 9AR2525, 9AR2525F, 9AR2525K

Servicing: Audi, VW, Skoda

Terminal W, Pulley w/o, B+ 9.40

B: 56.00 mm



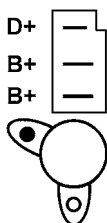
110919 Alternator 14 V, 65 Amp

Replacing: 9AR2977, 9AR2977L, 9AR5030L, 9AR5088L, 9AR5099L

Servicing: Audi, VW

Pulley P, Grooves 1, B+ Plug, Length 185.00

A: 110.00 B: 56.00 mm



110968 Alternator 14 V, 70 Amp

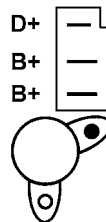
Replacing: 510-122, 510-163, 510-54, 9AR2539, 9AR2539K, 9AR2561, 9AR2561K, 9AR2570, 9AR2570G, 9AR2612, 9AR2613

Servicing: Austin, Rover, Nissan MG, Case, Dronningborg, Ford, Mercedes-Benz, Valtra

Pulley P, Grooves 1, Fan EF, B+ M6, Length 167.00

Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 11.00 C: 82.00 mm



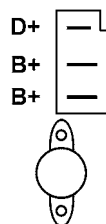
110969 Alternator 14 V, 65 Amp

Replacing: 510-59, 9AR2562, 9AR2562K, 9AR2569, 9AR2569G, 9AR2651, 9AR2651D, 9AR2653, 9AR2653F, 9AR2655G

Servicing: Land Rover, Mazda, Various Agriculture Vehicles

Pulley P, Grooves 1, B+ M6, Length 167.50

A: 38.00 B: 11.00 C: 82.00 mm



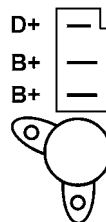
110970 Alternator 14 V, 65 Amp

Replacing: 510-38, 510-39, 510-56, 9AR2547, 9AR2547F, 9AR2548, 9AR2548K, 9AR2549, 9AR2549F

Servicing: Massey Ferguson

Terminal W, Pulley P, Grooves 1, B+ M6

A: 58.00 B: 27.10 mm



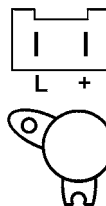
110975 Alternator 14 V, 65 Amp

Replacing: 2541263, 510-123, 510-146, 9AR2529, 9AR2529F, 9AR2638

Servicing: VW, Audi, Various Agriculture Vehicles

Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.00

A: 82.85 B: 56.25 mm



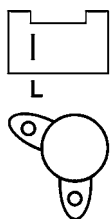
111071 Alternator 14 V, 75 Amp

Replacing: 2940275, 9AR2730P, 9AR2731R, 9AR2872P, 9AR2874R

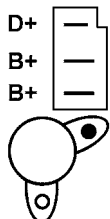
Servicing: Citroen, Peugeot

Pulley P, Grooves 1, B+ M6, Length 172.00

A: 61.85 B: 35.90 C: 53.00 mm



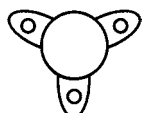
111075 Alternator 14 V, 55 Amp
Replacing: 2940356, 9AR5062K
Servicing: Citroen, Peugeot, Talbot, Vauxhall
Pulley P, Grooves 1, Fan EF, B+ M6, Length 161.50
A: 59.50 B: 40.00 mm



111086 5★ Alternator 14 V, 65 Amp
Manufacturer: Mahle Letrika
Replacing: 2518071, 9AR2561, 9AR2562, 9AR2569, 9AR2651, 9AR2653, 9AR2706, 9AR2917, 9AR2917G, 9AR2919, 9AR5021G
Servicing: Ford, Austin, Rover, MG, Mercury, RenaultSuzuki
Pulley P, Grooves 1, B+ Plug, Length 170.00
A: 34.60 B: 10.80 C: 81.00 mm



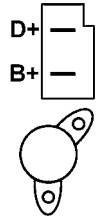
111094 Alternator 14 V, 65 Amp
Replacing: 2940311, 2940311A
Servicing: Audi, VW
Terminal W, Pulley P, Grooves 1, B+ M8, Length 187.25
A: 109.00 B: 56.00 mm



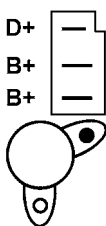
111141 Alternator 14 V, 55 Amp
Replacing: 2940793
Servicing: Mercedes, MAN, Mercedes-Benz
Terminal W, Pulley w/o, B+ M6, Length 167.70
B: 80.00 mm



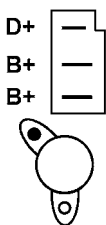
111176 Alternator 14 V, 75 Amp
Replacing: 9AR2512, 9AR2512P, 9AR2604P, 9AR2919
Servicing: Ford, Land Rover, LDV
Terminal W, Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50
A: 35.50 B: 11.25 C: 81.65 mm



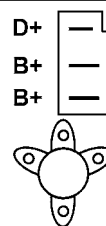
111180 Alternator 14 V, 33 Amp
Replacing: 9AR5006G
Servicing: Fiat, Lamborghini, Same, Zastava, Fiat-Allis
Pulley P, Grooves 1, B+ 9.40
Alternative no.: 116133 5★
A: 49.00 B: 25.00 mm



111184 Alternator 14 V, 43 Amp
Replacing: 9AR2683, 9AR2917
Servicing: Ford, Vauxhall, Land Rover, Triumph, Massey Ferguson
Pulley w/o, Length 186.00
For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
B: 9.85 C: 87.00 mm



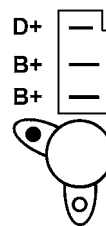
111185 Alternator 14 V, 43 Amp
Replacing: 9AR2612, 9AR2613, 9AR2627G, 9AR2683, 9AR2916, 9AR2918, 9AR2918G
Servicing: Austin, Rover, Land Rover, Ford, Vauxhall, MG, Morris, Lotus, Triumph, Case, Jaguar, LDV, Massey Ferguson
Pulley w/o, Length 169.50
For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
B: 9.80 C: 88.00 mm



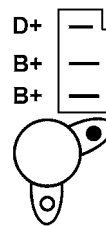
111204 Alternator 14 V, 70 Amp
Replacing: 9AR2612, 9AR2613, 9AR2916
Servicing: Austin, Case, Jaguar, Rover, TVR
Pulley P, Grooves 1, B+ M6, Length 166.00
w/ mounting bearing bracket for left and right engine side.
A: 54.15 B: 27.00 mm



111288 Alternator 14 V, 65 Amp
Replacing: 2940303
Servicing: Seat, VW, MAN
Terminal W, Pulley P, Grooves 1, B+ M8, Length 168.00
A: 75.00 B: 56.00 mm



111289 Alternator 14 V, 70 Amp
Replacing: 2541163, 9AR2545, 9AR2561, 9AR2620, 9AR2627G, 9AR2629, 9AR2650, 9AR2651, 9AR2652, 9AR2652F, 9AR2683
Servicing: Ford, Austin, Rover, Land Rover, MG, Massey Ferguson, Morris, CaseCummins, Dronningborg, New Holland
Terminal W, Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 175.00
A: 35.00 B: 12.50 C: 80.00 mm

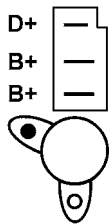


111356 Alternator 14 V, 55 Amp
Replacing: 9AR2651, 9AR2706
Servicing: FordRover, Various Agriculture Vehicles
Terminal W, Pulley SP, Grooves 3, B+ 9.40
A: 43.00 B: 10.80 C: 81.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



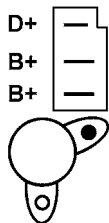
111362 Alternator 14 V, 55 Amp

Replacing: 2940080, 9AR2630K, 9AR2651, 9AR2706

Servicing: Ford, Land Rover, Rover, MG, Austin, ValmetCummins, Massey Ferguson, New Holland, Valtra

Terminal W, Pulley P, Grooves 1, B+ Plug, Length 165.50

A: 34.50 B: 11.00 C: 81.00 mm



111364 Alternator 14 V, 55 Amp

Replacing: 9AR2651, 9AR2706

Servicing: Ford, Rover

Terminal W, Pulley P, Grooves 1, B+ M6-6.30, Length 166.00

A: 35.50 B: 12.50 C: 81.00 mm



111419 Alternator 28 V, 55 Amp

Replacing: 2541423

Servicing: Fiat-Allis, Iveco, Allis Chalmers, BENFRA, Laverda

Terminal W, Pulley DP, Grooves 2, B+ M8, Length 188.00

A: 50.00 B: 17.45 C: 63.00 mm



111510 Alternator 28 V, 55 Amp

Replacing: 510-845, 510-860, 510-864, 9AR3855G, 9AR3959G, 9AR6000, 9AR6000G

Servicing: Ford, DAF, Perkins

Terminal W, Pulley w/o, B+ M6, Insulated return Yes

B: 10.00 C: 82.00 mm



111575 Alternator 14 V, 90 Amp

Replacing: 8MR2069TA

Servicing: John Deere, Various Industrial applications

Terminal W, Pulley w/o, B+ M6, Length 183.50, Insulated return Yes w/ adjustable voltage regulator.

B: 51.00 mm



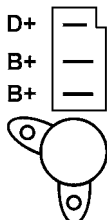
111576 Alternator 14 V, 90 Amp

Replacing: 8MR2070TA

Servicing: Mercury

Terminal W, Pulley w/o, B+ M6, Length 180.00, Insulated return Yes w/ adjustable regulator. Rotor shaft 5/8".

B: 27.20 mm



111653 Alternator 14 V, 45 Amp

Replacing: 9AL2615, 9AL2708G, 9AR2708G, 9AR2727, 9AR2727G, 9AR2792, 9AR2792G, 9AR2839G

Servicing: Audi, VW

Pulley P, Grooves 1, B+ 9.70, Length 188.00

A: 109.50 B: 56.00 mm



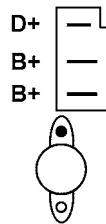
111686 Alternator 14 V, 65 Amp

Replacing: 9AR2951, 9AR2951L

Servicing: Alfa Romeo, Fiat, LanciaIveco, Lamborghini, Laverda

Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50

A: 49.50 B: 17.00 C: 64.50 mm



111948 Alternator 14 V, 70 Amp

Replacing: 2541148, 9AR2510, 9AR2513, 9AR2513F, 9AR2514, 9AR2514F, 9AR2553, 9AR2553K, 9AR2556, 9AR2556K

Servicing: Massey Ferguson

Terminal W, Pulley w/o, B+ Plug, Length 159.00

B: 29.00 mm



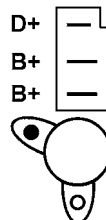
112097 Alternator 28 V, 30 Amp

Replacing: 9AL3955G, 9AR3952, 9AR3952G

Servicing: Iveco, Allis Chalmers, Astra, Fahr, Fiat, Laverda

Pulley P, Grooves 1, B+ M6, Length 174.00

A: 45.00 B: 17.00 C: 63.00 mm



112112 Alternator 14 V, 70 Amp

Replacing: 510-810, 510-811, 510-812, 510-813, 510-822, 510-824, 510-825, 510-826, 510-842, 510-859, 9AR2723P

Servicing: Sabre, Yanmar, Perkins

Terminal W, Pulley P, Grooves 1, B+ M6, Length 170.50, Insulated return Yes

A: 45.00 B: 11.50 C: 82.50 mm



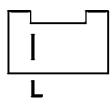
112149 Alternator 14 V, 65 Amp

Replacing: 2940304, 2940304A, 2940305, 2940305A

Servicing: Audi, VW, Seat

Terminal W, Pulley P, Grooves 1, B+ M8

A: 109.80 B: 56.00 mm



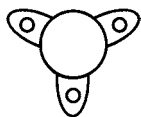
112162 Alternator 14 V, 70 Amp
 Replacing: 9AR5055, 9AR5055P
 Servicing: Citroen, Peugeot, Citroen
 Pulley SP, Grooves 4, B+ M6,
 Length 158.00
 A: 45.50 B: 27.00 C: 66.00 mm



112298 Alternator 14 V, 80 Amp
 Replacing: 2541950B
 Servicing: Citroen, Fiat, Peugeot
 Pulley SP, Grooves 6, B+ M8,
 Length 179.00
 A: 42.00 B: 26.10 C: 66.70 mm



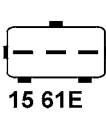
112299 Alternator 14 V, 95 Amp
 Replacing: 2541951
 Servicing: Peugeot, Citroen, Fiat
 Pulley SP, Grooves 6, B+ M8,
 Length 182.00
 A: 43.00 B: 27.00 C: 67.00 mm



112310 Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9AR2715F
 Servicing: BMW, VolvoVolvo BM
 Pulley P, Grooves 1, B+ M6,
 Length 168.00
 A: 74.00 B: 50.70 mm



112469 Alternator 14 V, 90 Amp
 Replacing: 2542297, 2542397
 Servicing: Citroen, Peugeot, FiatToyota
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 180.00
 A: 42.50 B: 22.20 C: 45.60 mm



112472 Alternator 14 V, 100 Amp
 Replacing: 2542265
 Servicing: BMW, Land Rover, MG, Rover
 Pulley SP, Grooves 5, Fan IF, B+ M8,
 Length 185.00, Insulated return No
 A: 61.00 B: 28.00 C: 75.40 mm



112480 Alternator 14 V, 90 Amp
 Replacing: 2541971B
 Servicing: Citroen, Fiat, Lancia. Peugeot
 Pulley SP, Grooves 6, B+ M8,
 Length 174.00
 A: 42.00 B: 22.00 C: 46.00 mm



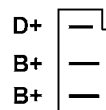
112679 Alternator 14 V, 110 Amp
 Replacing: 2541982A
 Servicing: Renault, Volvo
 Terminal W, Pulley SP, Grooves 6,
 B+ M6, Length 190.00
 A: 46.50 B: 27.70 C: 66.30 mm



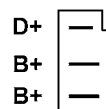
112784 Alternator 28 V, 45 Amp
 Replacing: 9AR3739
 Servicing: Volvo, Volvo Penta
 Terminal W, Pulley w/o, B+ M6,
 Length 174.00
 B: 50.00 mm



113376 Alternator 14 V, 55 Amp
 Replacing: 9AR2904, 9AR2904K, 9AR2904L
 Servicing: Opel, Vauxhall, Lancia, Bedford,
 Fiat
 Terminal W, Pulley P, Grooves 1,
 B+ M6, Length 167.50
 A: 76.60 B: 56.20 mm



113378 Alternator 14 V, 45 Amp
 Replacing: 9AR2683
 Servicing: Austin, Land Rover, Ford
 Terminal S, Pulley w/o, B+ 9.40,
 Length 166.00 *Only for use with thermal
 battery resistance.*
 B: 9.10 C: 87.80 mm



113474 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9AR2612, 9AR2613, 9AR2916
 Servicing: Austin, Rover, Ford, Landini, Mas-
 sey Ferguson
 Terminal W, Pulley P, Grooves 1,
 B+ Plug, Length 171.50
 A: 35.90 B: 11.00 C: 82.55 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

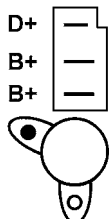
* Available while stock last, * Program development.



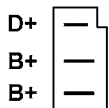
113477 Alternator 28 V, 55 Amp
 Replacing: 2940060
 Servicing: Volvo BM, Ford, DAF, Volvo Penta
 Terminal W, Pulley w/o, B+ M6,
 Length 184.00, Insulated return Yes
 B: 50.80 mm



113549 Alternator 28 V, 35 Amp
 Replacing: 110-313
 Servicing: Caterpillar
 Pulley w/o, B+ 1/4" UNC, Length 186.00,
 Insulated return Yes
 B: 27.20 mm



113574 Alternator 14 V, 65 Amp
 Replacing: 9AR2919, 9AR2919P, 9AR2963,
 9AR2963L
 Servicing: Case, Valmet, Ford, New Holland,
 Valtra
 Terminal W, Pulley P, Grooves 1,
 B+ Plug, Length 177.50
 A: 36.85 B: 10.40 C: 83.00 mm



113713 Alternator 14 V, 80 Amp
 Replacing: 510-823
 Servicing: Marine, Lister
 Terminal W, Pulley P, Grooves 1,
 B+ M6, Length 169.10,
 Insulated return Yes
 A: 45.50 B: 11.20 C: 83.00 mm



113898 Alternator 14 V, 185 Amp
 Replacing: 8SC2023Z
 Servicing: New Holland
 Terminal W, Pulley w/o, B+ M8,
 Length 263.00, Insulated return Yes
 B: 14.00 C: 103.00 mm



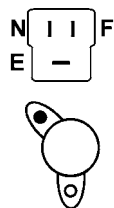
116079 Alternator 14 V, 90 Amp
 Replacing: 8MR2197T
 Servicing: Thermo King
 Pulley w/o, B+ 1/4" UNC, Length 195.00,
 Insulated return No
 B: 27.40 mm



116133 Alternator 14 V, 33 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9AR5006G
 Servicing: Fiat, Fiat-Allis, Lamborghini,
 Same, Zastava
 Pulley P, Grooves 1, B+ 9.30
 Alternative no.: 111180
 A: 48.50 B: 24.30 C: 73.50 mm



116545 Alternator 14 V, 65 Amp
 Replacing: 2541198, 2940119, 2940146,
 9AR2729F
 Servicing: Caterpillar, Fendt, Renault
 Pulley P, Grooves 1, Fan EF, B+ M6,
 Length 178.00
 A: 61.00 B: 27.00 mm



110138 Alternator 14 V, 40 Amp
 Replacing: 110-750, 8AL2065K
 Servicing: Daihatsu, Toyota, Honda, Mitsubishi
 Pulley P, Grooves 1, B+ M6, Length 162.00
 A: 42.50 B: 11.00 C: 75.75 mm



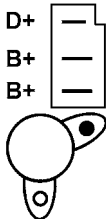
110173 Alternator 28 V, 75 Amp
 Replacing: 110-124, 110-128, 110-276, 110-296, 110-297, 110-440, 110-446, 110-466, 8LHA2095R, 8LHA3025P
 Servicing: DAF, Clark
 Pulley w/o, B+ M8, Length 246.00, Insulated return No
 NOTE !! NOT with insulated return
 B: 14.50 C: 101.50 mm



110175 Alternator 28 V, 100 Amp
 Replacing: 10-298, 110-158, 110-183, 110-298, 110-302, 110-316, 8SC3002U, 8SC3003U, 8SC3011U, 8SC3014
 Servicing: Volvo, Volvo Penta
 Pulley w/o, Fan EF, B+ M8, Length 249.00, Insulated return Yes
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.
 B: 14.75 C: 103.00 mm



110176 Alternator 28 V, 175 Amp
 Replacing: 110-184, 110-258, 110-258A, 110-569, 8SC3005V, 8SC3009Z, 8SC3009ZA, 8SC3029Z, 8SC3157V
 Servicing: Volvo Penta
 Terminal W, Pulley w/o, Fan EF, B+ 5/16" UNC, Length 278.00, Insulated return Yes
 B: 14.75 C: 101.50 mm



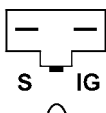
110179 5★ Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 8HA2009KA
 Servicing: Ford, Land Rover, Triumph, Vauxhall, Lotus, Jaguar, Mercury, Bedford, Case, LDV International
 Pulley w/o, B+ 9.40, Length 162.00
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 9.75 C: 88.00 mm



110408 Alternator 14 V, 35 Amp
 Replacing: 110-054, 110-112, 110-155, 110-161, 110-177, 110-185, 110-241, 110-261, 110-262, 110-269, 110-273
 Servicing: Thermo King, American Motors, Jeep, American Motors
 Terminal W, Pulley w/o, B+ 1/4" UNC, Length 145.00
 B: 27.00 mm



110422 Alternator 14 V, 30 Amp
 Replacing: 110-060, 110-066, 110-166, 110-189, 110-190, 110-50, 110-60, 110-66, 110-96, 110-98, 8TA2003D
 Servicing: Thermo King
 Pulley w/o, B+ M8, Length 160.00
 B: 51.00 mm



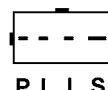
110445 Alternator 14 V, 90 Amp
 Replacing: 110-238, 110-244, 8MR2035T
 Servicing: John Deere
 Pulley w/o, B+ M6, Length 167.00
 B: 51.00 mm



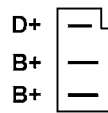
110487 Alternator 14 V, 37 Amp
 Replacing: 110-399, 110-699, 8EK2003FA, 8EK2003FB, 8EK2004DA, 8EK2004DB, 8EK2004DC, 8EK2006FA, 8EK2006FB
 Servicing: Thermo King
 Pulley w/o, B+ 1/4" UNF, Length 180.00
 B: 27.00 mm



110488 Alternator 14 V, 65 Amp
 Replacing: 110-400, 110-600, 8EK2005NA, 8EK2005NB, 8EK2007NA, 8EK2007NB, 8EK2007ND, 8EK2010NA, 8EK2010NB
 Servicing: Thermo King
 Pulley w/o, B+ 1/4" UNF, Length 178.00
 B: 27.00 mm



110498# Alternator 14 V, 100/105 Amp
 Replacing: 8AR2066FA, 8AR2068F
 Servicing: Chevrolet, Pontiac
 Pulley SP, Grooves 5, B+ M6, Length 170.00
 Replacing: CS130.
 A: 74.00 B: 51.00 mm



110913 Alternator 14 V, 70 Amp
 Replacing: 9BE2KA2A21
 Servicing: Audi, VW, Skoda
 Terminal W, Pulley w/o, B+ 9.40
 B: 56.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



110937 Alternator 14 V, 200 Amp

Replacng: 110-181, 110-228, 110-229, 110-250, 110-254, 110-255, 110-268, 8LHC2004Z, 8LHC2010Z, 8SA2017R

Servicing: Cadillac, International, Caterpillar

Terminal W, Pulley w/o, B+ M8, Length 230.00, Insulated return Yes

B: 15.00 C: 102.00 mm



110959 Alternator 14 V, 55 Amp

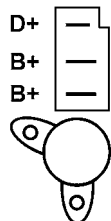
Replacng: 110-292, 110-293, 110-294, 110-354, 110-355, 110-386, 110-389, 110-517, 110-686, 8EM2003K

Servicing: Mercury, OMC, Mercruiser

Terminal W, Pulley P, Grooves 1, B+ M8, Length 162.00

Purple wire = +15. Red wire = S (+).

A: 76.35 B: 50.70 mm



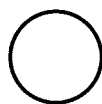
110975 Alternator 14 V, 65 Amp

Replacng: 9FB2LD2A05

Servicing: VW, Audi, Various Agriculture Vehicles

Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.00

A: 82.85 B: 56.25 mm



111096 Alternator 14 V, 51 Amp

Replacng: 8AL2034K

Servicing: VW

Pulley w/o, B+ M6, Length 261.00



111575 Alternator 14 V, 90 Amp

Replacng: 110-402, 110-602, 8MR2069T

Servicing: John Deere, Various Industrial applications

Terminal W, Pulley w/o, B+ M6, Length 183.50, Insulated return Yes w/ adjustable voltage regulator.

B: 51.00 mm



111576 Alternator 14 V, 90 Amp

Replacng: 110-403, 110-603, 8MR2070T

Servicing: Mercury

Terminal W, Pulley w/o, B+ M6, Length 180.00, Insulated return Yes w/ adjustable regulator. Rotor shaft 5/8".

B: 27.20 mm



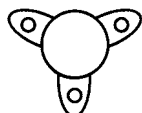
111761 Alternator 14 V, 105 Amp

Replacng: 110-534, 110-567, 8MR2401U, 8MR2401UA

Servicing: Various

Terminal W, Pulley w/o, B+ 1/4" UNC, Length 180.00, Insulated return Yes w/ adjustable regulator. Self-exciting. with 2 W-terminals

B: 27.20 mm



112159 Alternator 28 V, 80 Amp

Replacng: MDA3920

Servicing: Daf, Man, Mercedes-Benz, Renault V.I.

Terminal W, Pulley w/o, B+ M8, Length 186.00

B: 80.40 mm



112294 Alternator 28 V, 110 Amp

Replacng: 110-459, 8LHA3096U, 8LHA3096UC

Servicing: Caterpillar

Terminal W, Pulley w/o, Fan IF, B+ M8, Length 243.00, Insulated return Yes

B: 14.50 C: 101.50 mm



113549 Alternator 28 V, 35 Amp

Replacng: 110-285, 8HC3022F, 8HC3022FS, 8HC3025F

Servicing: Caterpillar

Pulley w/o, B+ 1/4" UNC, Length 186.00, Insulated return Yes

B: 27.20 mm



113898 Alternator 14 V, 185 Amp

Replacng: 110-565, 8SC2282V, 8SC2282VG

Servicing: New Holland

Terminal W, Pulley w/o, B+ M8, Length 263.00, Insulated return Yes

B: 14.00 C: 103.00 mm



114347 Alternator 28 V, 150 Amp

Replacng: 110-431, 8SC3068V, 8SC3068VC

Servicing: Caterpillar, Cummins

Pulley w/o, Fan EF, B+ 5/16" UNC, Length 249.00 Not insulated return

B: 14.50 C: 102.00 mm



114348 Alternator 28 V, 150 Amp
Replacing: 110-568, 8SC3110V, 8SC3110VC, 8SC3150VC
Servicing: Golden Dragon, Thermo King, Yutong, Zhongtong
Pulley w/o, B+ 5/16" UNC, **Length** 266.40
For battery less system.
B: 13.00 **C:** 102.20 mm



114349 Alternator 28 V, 150 Amp
Replacing: 8SC3238VC
Servicing: Cummins, Xichai-Fawd
Pulley w/o, **Grooves** 2, B+ M8, **Length** 270.00
A: 45.50 **B:** 14.00 **C:** 101.00 mm



115386 Alternator 28 V, 140 Amp
Replacing: 110-806
Servicing: Various Agriculture Vehicles, Various Industrial applications
Pulley w/o, B+ 5/16" UNF, **Length** 279.00, **Insulated return** Yes
B: 14.00 **C:** 102.00 mm



116314 Alternator 14 V, 65 Amp
Replacing: 8MR2327L
Servicing: Carrier Transicold, Kubota
Pulley w/o, **Fan** EF, **Length** 190.00
B: 27.20 mm



110562 Alternator 28 V, 25 Amp

Replacing: 0-33000-2860, 0-33000-3070, 0-33000-5280, 0-33000-5860, 0-33000-5870, 0-33000-6511

Servicing: Komatsu

Pulley P, Grooves 1, B+ M5, Length 210.00

A: 62.55 B: 12.05 C: 73.50 mm



111051 Alternator 28 V, 25 Amp

Replacing: 0-33000-3700, 0-33000-3760, 0-33000-6000

Servicing: Isuzu, Komatsu

Pulley DP, Grooves 2, Fan EF, B+ M5, Length 206.00

A: 60.00 B: 16.15 C: 70.00 mm



112160 Alternator 28 V, 75 Amp

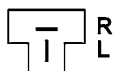
Replacing: 0-35000-0390, 0-35000-0391, 0-35000-0392, 0-35000-0402, 0-35000-0460, 0-35000-0461, 0-35000-0471

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack, International Harv.

Pulley w/o, B+ M6, Length 215.50

Replacing: 21SI. One wire system.

B: 14.25 C: 101.50 mm



113212 Alternator 28 V, 20 Amp

Replacing: 0-33000-5480, 0-33000-5510, 0-33000-5670, 0-33000-5700, 0-33000-6250

Servicing: Mitsubishi

Pulley P, Grooves 1, B+ M5, Length 168.00

A: 44.50 B: 13.50 C: 81.50 mm



115445 Alternator 28 V, 60 Amp

Replacing: 01357000, 0-35000-4190, 0-35000-4220, 0-35000-4250, 0-35000-4350, 0-35000-4500, 0-35000-4501

Servicing: Daewoo, Komatsu

Pulley SP, Grooves 8, B+ M6, Length 223.00

A: 46.00 B: 15.50 C: 101.00 mm



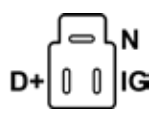
115534 Alternator 28 V, 90 Amp

Replacing: 0-35000-8380, 0-35000-8390, 0-35000-8641

Servicing: Komatsu

Terminal W, Pulley w/o, B+ 5/16" UNC, Length 222.00

B: 14.50 C: 101.80 mm



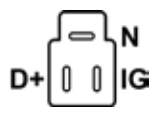
115780 Alternator 28 V, 40 Amp

Replacing: 0-35000-3370

Servicing: JCB, John Deere, Various Industrial applications

Terminal W, Pulley DP, Grooves 2, Fan EF, B+ M5, Length 208.00

A: 59.50 B: 15.65 C: 69.40 mm



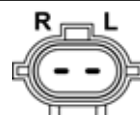
115994 Alternator 28 V, 40 Amp

Replacing: 0-35000-3010, 0-35000-3011, 0-35000-3012, 0-35000-3013

Servicing: Hitachi, Isuzu, JCB, Takeuchi

Terminal W, Pulley DP, Grooves 2, B+ M5, Length 220.00

A: 60.00 B: 16.00 C: 68.00 mm



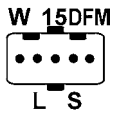
116481 Alternator 28 V, 50 Amp

Replacing: 0-35000-4558, 0-35000-4598, 0-35000-4848, 0-35000-5230

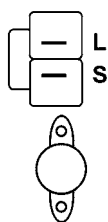
Servicing: Case, Hitachi, JCB, John Deere

Pulley SP, Grooves 8, Fan EF, B+ M8

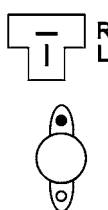
A: 49.80 B: 14.00 C: 90.00 mm



114036 Alternator 28 V, 80 Amp
 Replacing: D276002
 Servicing: DAF
 Pulley SP, Grooves 8, B+ M8,
 Length 194.00
 Alternative no.: 116116
 A: 37.00 B: 14.00 C: 80.00 mm



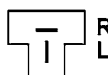
112334 Alternator 14 V, 75 Amp
 Replacing: 02131-9040
 Servicing: Kia
 Pulley SP, Grooves 5, B+ M8,
 Length 234.50
 A: 46.00 B: 13.00 C: 80.00 mm



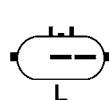
112506 Alternator 14 V, 60 Amp
 Replacing: 02121-8025, 02121-8026, 02121-8027, 02121-8070, 02121-8071, 02121-8072, 02121-8073
 Servicing: Kia
 Pulley P, Grooves 1, B+ M6,
 Length 255.00
 A: 51.00 B: 13.00 C: 80.20 mm



113328 Alternator 14 V, 120 Amp
 Replacing: 02131-9110, 02131-9111, 02131-9112, 02131-9113, 02131-9310, 02131-9311
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 267.00
 A: 102.50 B: 63.70 mm



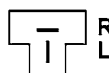
113903 Alternator 14 V, 60 Amp
 Replacing: 02121-8074, 37300-2W000, 37300-2W001
 Servicing: Kia
 Pulley DP, Grooves 2, B+ M6,
 Length 226.00
 A: 46.50 B: 13.00 C: 80.60 mm



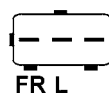
114287 Alternator 14 V, 110 Amp
 Manufacturer: Denso
 Replacing: 02131-9212
 Servicing: Kia
 Pulley SP/FW, Grooves 7, Fan IF,
 B+ M8, Length 195.00
 Alternative no.: 116358
 A: 43.00 B: 28.00 C: 54.30 mm



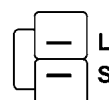
114414 Alternator 28 V, 55 Amp
 Replacing: 02142-5070
 Servicing: Hino, Nissan
 Pulley DP, Grooves 2, Fan EF, B+ M6,
 Length 198.00
 A: 49.90 B: 14.20 C: 89.90 mm



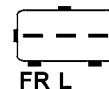
114766 Alternator 14 V, 60 Amp
 Replacing: 02121-9020, 02121-9021, 02121-9022
 Servicing: Kia
 Pulley SP, Grooves 1, B+ M6
 A: 47.00 B: 14.20 C: 80.00 mm



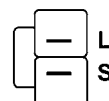
114827 Alternator 14 V, 120 Amp
 Replacing: 02131-9130, 02131-9131
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 193.00
 A: 43.00 B: 20.00 C: 55.50 mm



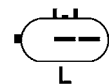
115409 Alternator 14 V, 120 Amp
 Replacing: 02131-9261, 02131-9262
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 6, B+ M8
 A: 103.00 B: 63.00 mm



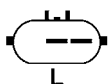
115737 Alternator 14 V, 130 Amp
 Replacing: 02131-9153
 Servicing: Hyundai, Kia
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 188.00
 A: 42.50 B: 20.00 C: 43.00 mm



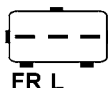
115937 Alternator 14 V, 75 Amp
 Manufacturer: Valeo/Mando
 Replacing: 02131-9020, 02131-9021
 Servicing: Kia
 Pulley P, Grooves 1, B+ M6,
 Length 214.00
 A: 45.00 B: 13.00 C: 80.00 mm



116027 Alternator 14 V, 110 Amp
 Replacing: 02131-9340
 Servicing: Hyundai
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 174.00
 A: 43.00 B: 15.50 C: 31.50 mm



116358 Alternator 14 V, 110 Amp
 Replacing: 02131-9212
 Servicing: Kia
 Pulley SP/FW, Grooves 7, B+ M8
 Alternative no.: 114287*
 A: 43.60 B: 28.00 C: 54.50 mm



116450 Alternator 14 V, 130 Amp
 Replacing: 02131-9271
 Servicing: Hyundai, Kia
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 189.00
 A: 42.00 B: 20.00 C: 56.00 mm


110173 Alternator 28 V, 75 Amp

Replacing: 860053

Servicing: DAF, Clark

Pulley w/o, B+ M8, Length 246.00, Insulated return No

NOTE !! NOT with insulated return

B: 14.50 C: 101.50 mm


110175 Alternator 28 V, 100 Amp

Replacing: 85C3133U

Servicing: Volvo, Volvo Penta

Pulley w/o, Fan EF, B+ M8,

Length 249.00, Insulated return Yes

Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.

B: 14.75 C: 103.00 mm

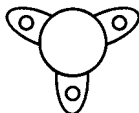

110408 Alternator 14 V, 35 Amp

Replacing: 8AL2014F, 8AL2025F, 8AL2026F

Servicing: Thermo King, American Motors, Jeep, American Motors

Terminal W, Pulley w/o, B+ 1/4" UNC, Length 145.00

B: 27.00 mm


110895 Alternator 28 V, 55 Amp

Replacing: 859232, AELB697

Servicing: Man, Mercedes, Daf, Kässbohrer, SSangyoung, Mercedes-Benz

Terminal W, Pulley w/o, B+ M8,

Length 196.50, Insulated return No

B: 80.00 mm

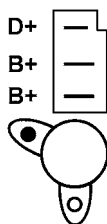

110937 Alternator 14 V, 200 Amp

Replacing: 110-268

Servicing: Cadillac, International, Caterpillar

Terminal W, Pulley w/o, B+ M8, Length 230.00, Insulated return Yes

B: 15.00 C: 102.00 mm


110968 Alternator 14 V, 70 Amp

Replacing: 66021636

Servicing: Austin, Rover, Nissan MG, Case, Dronningborg, Ford, Mercedes-Benz, Valtra

Pulley P, Grooves 1, Fan EF, B+ M6, Length 167.00

Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 11.00 C: 82.00 mm


111295 Alternator 28 V, 55 Amp

Replacing: 859327

Servicing: Cummins, Perkins

Terminal W, Pulley w/o, B+ M5,

Length 188.60, Insulated return Yes

Shaft dia. 19.00 mm.

B: 76.25 mm

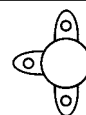

111746 Alternator 28 V, 80 Amp

Replacing: 860551

Servicing: Volvo

Terminal W, Pulley w/o, Fan EF, B+ M8, Length 189.00

B: 14.50 C: 103.50 mm


111886 Alternator 28 V, 65 Amp

Replacing: 860557

Servicing: Scania, Toyota

Terminal W, Pulley w/o, B+ M8, Length 190.00

B: 23.25 C: 68.70 mm

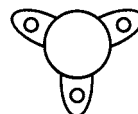

112097 Alternator 28 V, 30 Amp

Replacing: 860141

Servicing: Iveco, Allis Chalmers, Astra, Fahr, Fiat, Laverda

Pulley P, Grooves 1, B+ M6, Length 174.00

A: 45.00 B: 17.00 C: 63.00 mm


112159 Alternator 28 V, 80 Amp

Replacing: 110-872, AV1144S3001

Servicing: Daf, Man, Mercedes-Benz, Renault V.I.

Terminal W, Pulley w/o, B+ M8, Length 186.00

B: 80.40 mm


112160 Alternator 28 V, 75 Amp

Replacing: MDA3946

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack, International Harv.

Pulley w/o, B+ M6, Length 215.50

Replacing: 21SI. One wire system.

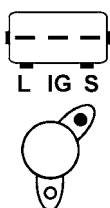
B: 14.25 C: 101.50 mm



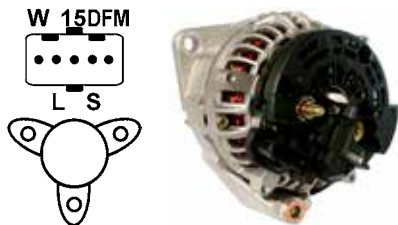
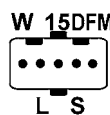
112343 Alternator 28 V, 140 Amp
 Replacing: 1277700
 Servicing: Renault V.I., Scania, Volvo
 Terminal W, Pulley w/o, B+ M8, Length 304.50
 B- M8. Shaft 30.00 mm.
 B: 15.30 C: 182.00 mm



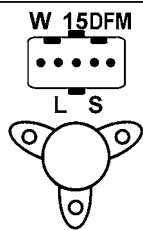
112345 Alternator 28 V, 55 Amp
 Replacing: 858884
 Servicing: Volvo
 Terminal W, Pulley w/o, B+ M8, Length 179.50
 B: 51.50 mm



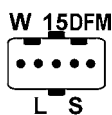
112427 Alternator 28 V, 90 Amp
 Replacing: 861286
 Servicing: Iveco
 Pulley SP, Grooves 12, B+ M8, Length 198.00
 Alternative no.: 115871
 A: 90.00 B: 57.60 mm



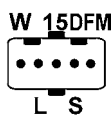
113351 Alternator 28 V, 100 Amp
 Replacing: 860807
 Servicing: Mercedes-Benz, DAF, MAZ, VW
 Terminal W, Pulley w/o, B+ M8, Length 196.00
 Alternative no.: 115557
 B: 80.00 mm



113998 Alternator 28 V, 110 Amp
 Replacing: 860808
 Servicing: MAN
 Terminal W, Pulley w/o, B+ M8, Length 198.00
 Alternative no.: 115492
 B: 79.50 mm



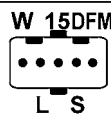
114016 Alternator 28 V, 110 Amp
 Manufacturer: Bosch
 Replacing: 860808GB
 Servicing: MAN
 Terminal W, Pulley w/o, B+ M8, Length 179.00
 Alternative no.: 116478
 B: 80.00 mm



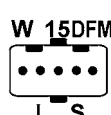
114212 Alternator 28 V, 110 Amp
 Replacing: 860804, 860804AM
 Servicing: Renault V.I., Volvo, Volvo Penta
 Pulley w/o, B+ M8, Length 201.80
 Alternative no.: 115488
 B: 13.50 C: 106.00 mm



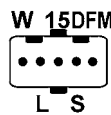
114348 Alternator 28 V, 150 Amp
 Replacing: 8SC3110VC09, 8SC3110VC11, 8SC3110VC117, 8SC3110VC118, 8SC3110VC120, 8SC3110VC120E, 8SC3110VC17
 Servicing: Golden Dragon, Thermo King, Yutong, Zhongtong
 Pulley w/o, B+ 5/16" UNC, Length 266.40
 For battery less system.
 B: 13.00 C: 102.20 mm



114753 Alternator 28 V, 100 Amp
 Replacing: 860805GB
 Servicing: Scania
 Terminal W, Pulley SP, Grooves 8, B+ M8, Length 195.00
 Alternative no.: 115498
 A: 20.00 B: 85.00 C: 35.50 mm



115496 Alternator 28 V, 120 Amp
 Manufacturer: Bosch
 Replacing: AV114753103HD
 Servicing: MAN, Neoplan, Temsa
 Pulley w/o, B+ M8, Length 205.00
 Alternative no.: 114528
 B: 80.00 mm



115618 Alternator 28 V, 100 Amp
 Replacing: 860809
 Servicing: Bova, DAF, Solaris, Temsa
 Pulley w/o, B+ M8, Length 193.00
 Alternative no.: 115617
 B: 80.10 mm

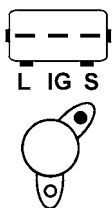


115742 Alternator 14 V, 100 Amp
 Replacing: 20130195
 Servicing: JCB
 Pulley w/o, B+ M6, Length 177.00
 B: 14.00 C: 83.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

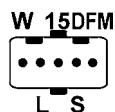
*Available while stock last, * Program development.



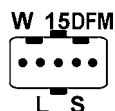
115871 Alternator 28 V, 90 Amp
 Replacing: Mitsubishi
 Servicing: Iveco
 Pulley SP, Grooves 12, B+ M8, Length 204.00
 Alternative no.: 112427
 A: 90.00 B: 58.00 mm



116079 Alternator 14 V, 90 Amp
 Replacing: 8MR2349
 Servicing: Thermo King
 Pulley w/o, B+ 1/4" UNC, Length 195.00, Insulated return No
 B: 27.40 mm



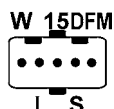
116291 Alternator 28 V, 100 Amp
 Replacing: 861311
 Servicing: Mercedes-Benz, Setra
 Pulley SP, Grooves 8, B+ M8, Length 218.00
 A: 38.70 B: 80.10 C: 107.50 mm



116310 Alternator 28 V, 80 Amp
 Replacing: 861274GB
 Servicing: Volvo
 Pulley SP, Grooves 8, Fan IF, B+ M8, Length 216.00
 A: 44.50 B: 13.00 C: 105.00 mm

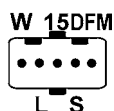


116314 Alternator 14 V, 65 Amp
 Replacing: 8MR2121LA, 8MR2124L, 8MR2326L, 8MR2327L
 Servicing: Carrier Transicold, Kubota
 Pulley w/o, Fan EF, Length 190.00
 B: 27.20 mm



NEW PRODUCT
www.hc-cargo.com

116673* Alternator 28 V, 100 Amp
 Replacing: 861385
 Pulley SP, Grooves 8

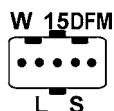


NEW PRODUCT
www.hc-cargo.com

116730* Alternator 28 V, 130 Amp
 Replacing: 861390, 861391
 Pulley SP, Grooves 8

NEW PRODUCT
www.hc-cargo.com

116764* Alternator 28 V, 155 Amp
 Replacing: 1277A730, AC172RA301A, AC172RA356A
 Pulley w/o



NEW PRODUCT
www.hc-cargo.com

116784* Alternator 28 V, 150 Amp
 Replacing: A148386
 Servicing: Heuliez, Iveco
 Pulley SP, Grooves 8

NEW PRODUCT
www.hc-cargo.com

116797* Alternator 14 V, 110 Amp
 Replacing: A1118
 Grooves 6

R I F



110075 Alternator 14 V, 60 Amp

Replacing: 10456414, 10456415, 1100533, 1100553, 1100557, 1100558, 1100566, 1100567, 1100568, 1100569, 1100570

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, Jeep, International, Oldsmobile, Pontiac, Fiat-Allis, Ford

Pulley P, Grooves 1, B+ M6, Length 176.00
Regulator: HC-CARGO 130505.

A: 75.00 B: 51.00 mm



110112 Alternator 28 V, 40 Amp

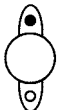
Replacing: 1117252, 19025074

Servicing: Volvo, Volvo Penta

Terminal W, Pulley w/o, Fan EF, B+ M6, Length 175.50

B: 51.00 mm

1 2
L G



110233 Alternator 14 V, 63 Amp

Replacing: 1100109, 1100110, 1100111, 1100113, 1100115, 1100116, 1100117, 1100119, 1100120, 1100121, 1100122

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac

Pulley P, Grooves 1, B+ M6, Length 170.00
Replacing: 10SI.

A: 75.00 B: 51.00 mm



110300 Alternator 28 V, 65 Amp

Replacing: 10463160, 1100077, 1100093, 1100211, 1100274, 1105474, 1105475, 1105476, 321-654

Servicing: International, Case

Terminal W, Pulley w/o, B+ M6, Length 226.50
Replacing: 27SI. Shaft dia. 22.00 mm. Fan: HC-CARGO 131854.

B: 11.90 C: 103.00 mm



110350 Alternator 14 V, 44 Amp

Replacing: 19025772

Servicing: Lada, Fiat

Pulley P, Grooves 1, B+ M6, Length 166.00

A: 46.50 B: 19.50 C: 60.50 mm

1 2
L G



110471 Alternator 14 V, 94 Amp

Replacing: 10497079, 1101157, 1101240, 1101241, 1101242, 1101243, 1101244, 1101245, 1101298, 1101299, 1101300

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Pulley P, Grooves 1, B+ M6, Length 170.00
Replacing: 12SI.

A: 77.00 B: 51.00 mm



110492 Alternator 14 V, 108 Amp

Replacing: 10479858, 1101113, 1101224, 1105085, 1105354, 1105356, 1105366, 1105451, 1105479, 1105481, 1105497

Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac

Pulley P, Grooves 1, B+ M6, Length 178.00
Replacing: 17SI.

A: 74.50 B: 50.50 mm

P L I S



110498# Alternator 14 V, 100/105 Amp

Replacing: 10463011, 10463012, 10463015, 10480085, 1101137, 1101138, 1101141

Servicing: Chevrolet, Pontiac

Pulley SP, Grooves 5, B+ M6, Length 170.00

Replacing: CS130.

A: 74.00 B: 51.00 mm

P L I S



110499 Alternator 14 V, 100/105 Amp

Replacing: 10463013, 10463014, 10463016, 10463017, 10463169, 10463206, 10463211, 10479811, 10479814, 10479902

Servicing: Buick, Chevrolet, Oldsmobile, Cadillac, GMC, Pontiac Cadillac

Pulley w/o, B+ M6, Length 172.00

Replacing: CS130.

B: 51.00 mm

P L I S



110500 Alternator 14 V, 100/105 Amp

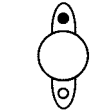
Replacing: 10480028, 10480097, 10480104

Servicing: Chevrolet, Buick, GMC, AM General, Oldsmobile

Pulley w/o, B+ M6, Length 168.50

B: 51.00 mm

P L I S



110502 Alternator 14 V, 100/105 Amp

Replacing: 10463419, 10480088, 10497122, 10497145, 1101806, 1105677, 1105678

Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac, Jeep

Pulley SP, Grooves 6, B+ M6, Length 170.00
Replacing: CS130.

A: 73.00 B: 50.50 mm

L S



110505 Alternator 14 V, 75 Amp

Replacing: 10480058, 1100118, 1100123, 1100127, 1100151, 1100159, 1100165, 1100170, 1100171, 1100198, 1100201

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac, International, Various Agriculture Vehicles

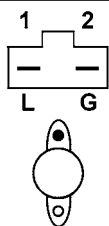
Pulley P, Grooves 1, Fan EF, Length 168.00

B: 50.50 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



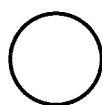
110508 Alternator 14 V, 78 Amp

Replacing: 10436058, 10463655, 10479850, 10495425, 10495426, 10495427, 10495429, 10497425, 1100200, 1100205

Servicing: Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac, Case, American Motors

Pulley P, Grooves 1, B+ M6, Length 171.00
Replacing: 12SI.

A: 77.00 B: 50.50 mm



110544 5★ Alternator 28 V, 125 Amp

Manufacturer: Remy

Replacing: 19025304, 19025347

Servicing: Ikarus

Terminal W, Pulley DP, Grooves 2, B+ M8, Length 335.50

Saddle mounting.



110591 Alternator 28 V, 75 Amp

Replacing: 10459007, 10459011, 10459062, 10459071, 10459076, 10459148, 1100078, 1117069, 1117238, 1117249

Servicing: Caterpillar, Various Agriculture Vehicles

Pulley w/o, B+ 7/16" UNC, Length 306.00
Replacing: 25SI. One wire system. B+ 7/16".

B: 14.10 C: 101.50 mm



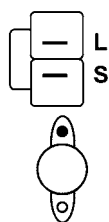
110611 Alternator 14 V, 55 Amp

Replacing: 19025037

Servicing: Fiat, Allis Chalmers, Seat

Pulley P, Grooves 1, B+ M6, Length 175.00

A: 48.00 B: 17.00 C: 65.00 mm



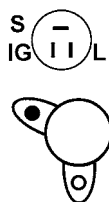
110659 Alternator 14 V, 75 Amp

Replacing: 10463728

Servicing: Mitsubishi, Hyundai, Dodge, Eagle, Plymouth, Kia

Pulley SP, Grooves 4, B+ M6, Length 156.30

A: 38.15 B: 13.00 C: 55.00 mm



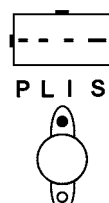
110682 Alternator 14 V, 70 Amp

Replacing: 10463267, 10479805, 321-523

Servicing: Toyota, GEO

Pulley SP, Grooves 5, B+ M6, Length 160.00

A: 87.50 B: 58.00 mm



110724 Alternator 14 V, 60 Amp

Replacing: 10463118, 10465016, 10479916, 1101176, 1101291, 1101483, 1102615, 321-409

Servicing: Buick, Jeep

Pulley w/o, B+ M6, Length 169.00

Replacing: CS121.

B: 51.00 mm



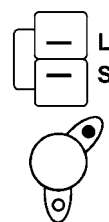
110801 Alternator 28 V, 45 Amp

Replacing: 1117615, 1117619, 1117622, 1117623, 1117640, 1117642, 1117643, 1117644, 1117645, 1117647, 1117650

Servicing: Fiat-Allis, International, Cummins, Caterpillar, Atlas Copco, CaseAtlas Copco

Terminal W, Pulley w/o, B+ 1/4" UNF, Length 270.00

B: 14.80 C: 100.00 mm



110802 Alternator 14 V, 75 Amp

Replacing: 10463807

Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth

Pulley SP, Grooves 4, B+ M6, Length 159.50

A: 35.00 B: 13.25 C: 77.60 mm



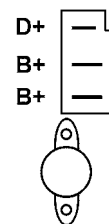
110890 Alternator 14 V, 55 Amp

Replacing: 19025046

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Massey Ferguson, Same, Seat

Pulley P, Grooves 1, B+ M6, Length 169.00

A: 49.00 B: 17.00 C: 63.00 mm



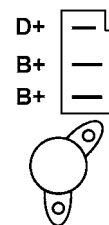
110912 Alternator 14 V, 55 Amp

Replacing: 19025049, 19025056, 19025067

Servicing: Fiat, Iveco, Lancia, Seat, Ferrari, Abarth, Alfa Romeo, Fiat-Allis, Pininfarina

Pulley P, Grooves 1, B+ M6, Length 162.50

A: 44.50 B: 16.40 C: 66.00 mm



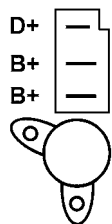
110913 Alternator 14 V, 70 Amp

Replacing: 19025071

Servicing: Audi, VW, Skoda

Terminal W, Pulley w/o, B+ 9.40

B: 56.00 mm



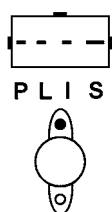
110923 Alternator 14 V, 55 Amp
 Replacing: 19025069
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ Plug,
 Length 176.00
 A: 92.00 B: 56.00 mm



110937 Alternator 14 V, 200 Amp
 Replacing: 10459016, 1117147, 1117148,
 1117160, 1117164, 1117735, 1117743
 Servicing: Cadillac, International, Caterpillar
 Terminal W, Pulley w/o, B+ M8,
 Length 230.00, Insulated return Yes
 B: 15.00 C: 102.00 mm



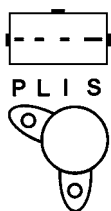
110952 Alternator 28 V, 40 Amp
 Replacing: 1101204, 1102918, 1102919,
 1103031, 1103123, 1105510, 1105537
 Servicing: Case, Fiat-Allis
 Terminal W, Pulley P, Grooves 1,
 B+ M5, Length 166.50
 Replacing: 10S1.
 A: 75.55 B: 50.70 mm



110984 Alternator 14 V, 100/105 Amp
 Replacing: 10463097, 10463186, 10479874,
 10479883, 10480092, 10480093, 1101571,
 1101634, 1101635, 1101636
 Servicing: Buick, Chevrolet, GMC
 Pulley SP, Grooves 6, B+ M6,
 Length 170.00
 Replacing: CS130.
 A: 73.00 B: 50.75 mm



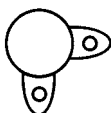
110985 Alternator 14 V, 100/105 Amp
 Replacing: 10463002, 10463099, 10463148,
 10463181, 1101253, 1101254, 1101255
 Servicing: Chevrolet, GMC, Pontiac
 Pulley SP, Grooves 6, B+ 6.00,
 Length 171.00
 Replacing: CS130.
 A: 73.00 B: 50.85 mm



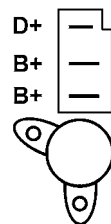
110986 Alternator 14 V, 100/105 Amp
 Replacing: 10463035, 10463036, 10463037,
 10463041, 1101167, 1101170
 Servicing: Jeep, MG
 Pulley SP, Grooves 6, B+ M6,
 Length 174.00
 Replacing: CS130.
 A: 73.00 B: 50.80 mm



111035 Alternator 14 V, 65 Amp
 Replacing: 19025051, 19025787, 19025789
 Servicing: Fiat, Lancia, Zastava, Autobianchi,
 Audi, Innocenti, VW, Case, Ford
 Pulley P, Grooves 1, B+ M6,
 Length 164.50
 A: 52.00 B: 23.00 C: 74.00 mm



111036 Alternator 14 V, 45 Amp
 Replacing: 19025791
 Servicing: Fiat, Lancia, Autobianchi
 Pulley P, Grooves 1, B+ M6 HC-CARGO
 111036 is w/o W-Terminal.
 A: 56.80 B: 32.25 mm



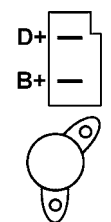
111093 Alternator 14 V, 70 Amp
 Replacing: 19025070
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ Plug,
 Length 183.50
 A: 92.00 B: 56.00 mm



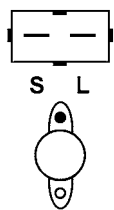
111168 Alternator 14 V, 55 Amp
 Replacing: 051, 066, 208, 3472051, 3472066,
 3472208, 3493619, 3493719, 619, 719
 Servicing: Opel, Vauxhall, Ferrari
 Terminal W, Pulley P, Grooves 1,
 B+ M6, Length 170.00
 A: 84.00 B: 56.00 mm



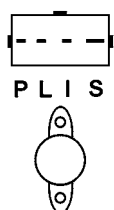
111169 Alternator 14 V, 70 Amp
 Replacing: 1101551, 120, 121, 220, 3472120,
 3472121, 3493220, 3493621, 3493721, 621
 Servicing: Opel, Vauxhall
 Pulley P, Grooves 1, B+ M6,
 Length 169.50
 A: 85.00 B: 56.00 mm



111180 Alternator 14 V, 33 Amp
 Replacing: 19025042, 19025063
 Servicing: Fiat, Lamborghini, Same, Zastava,
 Fiat-Allis
 Pulley P, Grooves 1, B+ 9.40
 Alternative no.: 116133
 A: 49.00 B: 25.00 mm



111216 Alternator 14 V, 37 Amp
 Replacing: 19020507
 Servicing: Thermo King, Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 176.00
 B: 51.00 mm



111220[#] Alternator 14 V, 105 Amp
 Replacing: 10463214, 10479962, 1102607
 Servicing: Buick, Chevrolet, Oldsmobile,
 PontiacFord
 Pulley SP, Grooves 6, B+ M6, Length 170.25
 Replacing: CS130.
 A: 72.62 B: 51.00 mm



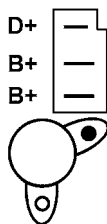
111232 Alternator 14 V, 115 Amp
 Replacing: 10459052, 10459053, 10459054,
 10459133, 10459211, 10499176, 1117880,
 1117894, 1117906, 1117907
 Servicing: Volvo, International
 Terminal W, Pulley w/o, Fan EF,
 B+ 1/4" UNF, Length 215.00
 Replacing: 21SI. One wire system. B+ 1/4".
 B: 14.30 C: 101.80 mm



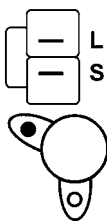
111250 Alternator 14 V, 42 Amp
 Replacing: 1100576, 1100577, 1100894,
 1100912, 1100914, 1100915, 1102393,
 1102496, 1105478
 Servicing: Crusader, Mercruiser, OMC
 Pulley P, Grooves 1, B+ M6,
 Length 172.00
 Replacing: 10SI. One wire system.
 A: 74.95 B: 50.45 mm



111261 Alternator 28 V, 50 Amp
 Replacing: 10459006, 10459061, 10459064,
 10459072, 10459137, 1117226, 1117229,
 1117230, 1117236, 1117239
 Servicing: Caterpillar, Ingersoll-Rand
 Pulley w/o, B+ 7/16" UNC,
 Length 306.00, Insulated return No
 B: 14.10 C: 102.00 mm



111364 Alternator 14 V, 55 Amp
 Replacing: 3472021
 Servicing: Ford, Rover
 Terminal W, Pulley P, Grooves 1,
 B+ M6-6.30, Length 166.00
 A: 35.50 B: 12.50 C: 81.00 mm



111406 Alternator 14 V, 110 Amp
 Replacing: 10463820
 Servicing: Mtsubishi, Hyundai, Dodge, Mit-
 subishi
 Pulley SP, Grooves 6, B+ M6,
 Length 170.00
 A: 23.50 B: 17.25 C: 55.40 mm



111418 Alternator 14 V, 60 Amp
 Replacing: 19025068
 Servicing: Iveco, Fiat, Alfa Romeo
 Pulley P, Grooves 1, B+ M6,
 Length 165.50
 Alternative no.: 115873
 A: 49.00 B: 17.00 C: 66.00 mm



111426 Alternator 14 V, 100 Amp
 Replacing: 10479384, 10479923, 10480222,
 10480384, 10480409, 3493409, 3493823,
 3493824, 3493923, 3493927
 Servicing: Opel, Vauxhall, Isuzu
 Pulley SP, Grooves 6, B+ M8,
 Length 180.00
 A: 51.00 B: 33.75 C: 56.00 mm



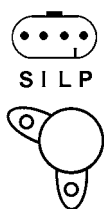
111514 Alternator 14 V, 100 Amp
 Replacing: 10479914, 10479955, 10480222,
 3493454, 3493455, 3493814, 3493815,
 3493855, 3493914, 3493955, 454
 Servicing: Opel, Saab, Vauxhall
 Pulley SP, Grooves 6, B+ M8,
 Length 183.00
 A: 52.00 B: 34.00 C: 56.00 mm



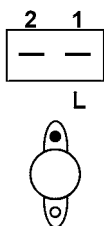
111686 Alternator 14 V, 65 Amp
 Replacing: 19025060
 Servicing: Alfa Romeo, Fiat, LanciaIveco,
 Lamborghini, Laverda
 Pulley P, Grooves 1, Fan EF, B+ M6,
 Length 166.50
 A: 49.50 B: 17.00 C: 64.50 mm



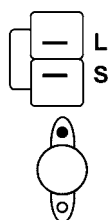
111711 Alternator 14 V, 105 Amp
 Replacing: 10463389, 10463413, 10463418,
 10480069, 10480082, 10480087
 Servicing: Chevrolet, GMC
 Pulley SP, Grooves 6, B+ M6,
 Length 171.00
 Replacing: CS130.
 A: 73.00 B: 51.00 mm



111712 Alternator 14 V, 105 Amp
 Replacing: 10463651, 10463652, 10463690, 10463940, 10480167, 10480168, 10480198
 Servicing: Chevrolet, GMC
 Pulley SP, Grooves 6, B+ M8, Length 175.00
 Replacing: CS130D.
 A: 72.00 B: 51.00 mm



111713 Alternator 14 V, 105 Amp
 Replacing: 10479924, 10479925, 10479926, 10479927, 10479929, 10479930, 10497083, 1101194, 1101205, 1101439
 Servicing: Case, Ford, John Deere, New Holland, Allis Chalmers
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 183.00
 Replacing: 155I.
 A: 77.00 B: 50.70 mm



111807 Alternator 14 V, 70 Amp
 Replacing: 10464206, 10464388
 Servicing: Mazda, Kia
 Pulley SP, Grooves 4, B+ M8, Length 158.00
 A: 38.00 B: 13.50 C: 66.50 mm



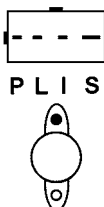
111833 Alternator 28 V, 140 Amp
 Replacing: 19025330
 Servicing: Mercedes-Benz, Drögmöller, Setra, Various Agriculture Vehicles
 Terminal W, Pulley w/o, B+ M8, Length 302.00
 B- M8. Shaft 30.00 mm. w/ bushing in rear bracket hole.
 Alternative no.: 116063
 B: 15.70 C: 182.00 mm



111834 Alternator 28 V, 55 Amp
 Replacing: 1117252
 Servicing: Scania, Pegaso
 Terminal W, Pulley w/o, B+ M8, Length 180.00
 Heavy duty type: HC-CARGO 112182 (80 A).
 B: 80.00 mm



111842 Alternator 28 V, 140 Amp
 Replacing: 19025333
 Servicing: Heuliez, Ikarus, Irisbus, Iveco, MAN, Mercedes-Benz, Neoplan
 Terminal W, Pulley w/o, B+ M8, Length 313.00
 B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm



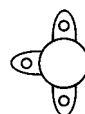
111846 Alternator 14 V, 80 Amp
 Replacing: 10480000, 10480073, 10490000, 10490073, 219187, 96224431, 96252547, 96252551
 Servicing: Daewoo
 Pulley SP, Grooves 5, B+ M6, Length 190.00
 A: 46.50 B: 13.00 C: 80.50 mm



111847 Alternator 14 V, 65 Amp
 Replacing: 96566262
 Servicing: Chevrolet, Daewoo, SGMW
 Pulley P, Grooves 1, Fan IF, B+ M6, Length 161.00
 A: 42.00 B: 15.10 C: 65.30 mm



111854 Alternator 14 V, 105 Amp
 Replacing: 10463375, 10463624, 10480157, 1101644
 Servicing: Chevrolet, Pontiac
 Pulley SP, Grooves 6, B+ M6, Length 171.00
 Replacing: CS130.
 A: 33.50 B: 11.70 C: 78.80 mm



111886 Alternator 28 V, 65 Amp
 Replacing: 19025114
 Servicing: Scania, Toyota
 Terminal W, Pulley w/o, B+ M8, Length 190.00
 B: 23.25 C: 68.70 mm



111987 Alternator 28 V, 55 Amp
 Replacing: 19025106
 Servicing: Iveco
 Terminal W, Pulley w/o, B+ M8, Length 178.00
 B: 17.00 C: 63.80 mm



112056 Alternator 14 V, 70 Amp
 Replacing: 3472069, 3472070, 3472130, 3472144, 3472152, 3472188, 3472641, 3493230, 3493244, 3493641
 Servicing: Opel, Vauxhall
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 165.00
 A: 87.00 B: 56.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

*Available while stock last, * Program development.

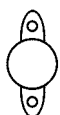

112076 Alternator 28 V, 80 Amp

Replacing: 19025101

Servicing: Citroen, Iveco, Scania, Renault VI, Heuliez, Irisbus, Renault V.I.

Terminal W, Pulley w/o, B+ M8, Length 183.00

B: 27.00 C: 71.00 mm

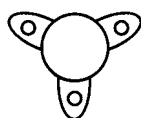

112097 Alternator 28 V, 30 Amp

Replacing: 19025044, 19025057

Servicing: Iveco, Allis Chalmers, Astra, Fahr, Fiat, Laverda

Pulley P, Grooves 1, B+ M6, Length 174.00

A: 45.00 B: 17.00 C: 63.00 mm


112159 Alternator 28 V, 80 Amp

Replacing: 19025100, 19025107

Servicing: Daf, Man, Mercedes-Benz, Renault V.I.

Terminal W, Pulley w/o, B+ M8, Length 186.00

B: 80.40 mm


112160 Alternator 28 V, 75 Amp

Replacing: 10459026, 10459261, 10459306, 10459333, 1117897, 1117900, 19010108, 19010111, 19010148, 19010182

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack, International Harv.

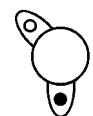
Pulley w/o, B+ M6, Length 215.50

Replacing: 21SI. One wire system.

B: 14.25 C: 101.50 mm



S I L P

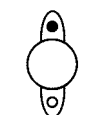

112165 Alternator 14 V, 75 Amp

Replacing: 10480214, 10480215, 214, 215, 3493214, DRX08378

Servicing: Renault

Pulley SP, Grooves 4, B+ M8, Length 179.00

A: 46.70 B: 27.00 C: 66.50 mm

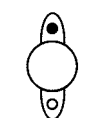

112229 Alternator 14 V, 70 Amp

Replacing: 10479947, 3493847, 3493848, 456, 847, 848, 947

Servicing: Opel, Vauxhall

Pulley SP, Grooves 6, B+ M8, Length 183.00

A: 51.00 B: 33.50 C: 57.50 mm


112261 Alternator 28 V, 60 Amp

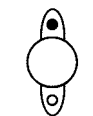
Replacing: 10459002, 10459057, 10461238, 1117734, 1117746, 1117805, 1117826, 1117831, 1117834, 1117838

Servicing: Caterpillar

Pulley w/o, B+ 1/4" UNF, Length 268.00, Insulated return Yes

Replacing: 30SI. Shaft 22.20mm diameter

B: 14.00 C: 101.00 mm


112265 Alternator 28 V, 100 Amp

Replacing: 10459057, 10461238, 1117817, 1117828, 1117836

Servicing: Cummins, Caterpillar

Pulley w/o, B+ 1/4" UNF, Length 268.00

Replacing: 30SI. Negative grounding.

B: 13.80 C: 101.10 mm


112416 Alternator 14 V, 100 Amp

Replacing: 10480225, 225, 3493225, 3493459, 93186485

Servicing: Opel, Vauxhall, Holden

Pulley SP, Grooves 5, B+ M8, Length 180.00

A: 53.50 B: 33.50 C: 58.30 mm


112424 Alternator 28 V, 140 Amp

Replacing: 19025339

Servicing: Scania

Terminal W, Pulley w/o, B+ M8, Length 285.00

B- M8. Shaft 30.00 mm.

B: 15.50 C: 182.00 mm

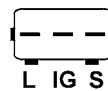

112425 Alternator 14 V, 150 Amp

Replacing: 8600377

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, B+ M8, Length 200.00

A: 31.00 B: 70.00 C: 56.00 mm


112427 Alternator 28 V, 90 Amp

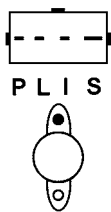
Replacing: 8600498

Servicing: Iveco

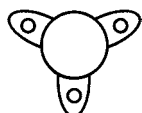
Pulley SP, Grooves 12, B+ M8, Length 198.00

Alternative no.: 115871

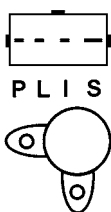
A: 90.00 B: 57.60 mm



112447 Alternator 14 V, 105 Amp
 Replacing: 1101266, 1101267, 1102644
 Servicing: Dodge, Eagle
 Pulley SP, Grooves 6, B+ M6, Length 172.00
 Replacing: CS130.
 A: 33.00 B: 12.90 C: 81.80 mm



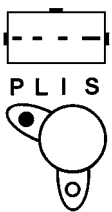
112561 Alternator 28 V, 80 Amp
 Replacing: 19025113, 19070006, 19070058
 Servicing: Mercedes-Benz, MAZ
 Terminal W, Pulley w/o, B+ M8, Length 188.00
 Alternative no.: 116654
 B: 80.00 mm



112615 Alternator 14 V, 105 Amp
 Replacing: 10463630, 10463966, 10464073, 10464075, 10464409, 10480182, 10480240, 10480262, 10480264, 10480307
 Servicing: Buick, Chevrolet, Pontiac
 Pulley SP, Grooves 6, B+ M8, Length 176.50
 Replacing: CS130D.
 A: 44.00 B: 15.35 C: 39.00 mm



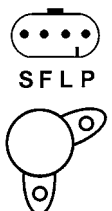
112629 Alternator 14 V, 100/105 Amp
 Replacing: 10463001, 10463002, 10463045, 10463104, 10463148, 10463158, 10463181, 10463212, 10479906, 10479912
 Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
 Pulley SP, Grooves 6, B+ M6, Length 172.00
 Replacing: CS130.
 A: 73.50 B: 50.90 mm



112640 Alternator 14 V, 100/105 Amp
 Replacing: 10463001, 10463002, 10463148, 10463181, 10463212, 10463417, 10463425, 10479994, 10479997, 10480086
 Servicing: Buick, Cadillac, Chevrolet, Pontiac, Oldsmobile, GMC, Oldsmobile, Pontiac
 Pulley SP, Grooves 6, B+ M6
 Replacing: CS130.
 A: 73.50 B: 51.00 mm



112657 Alternator 28 V, 60 Amp
 Replacing: 219072
 Servicing: Various Industrial applications
 Pulley SP, Grooves 8, B+ M6, Length 206.00
 One wire hookup(self-exciting) type.
 A: 42.75 B: 14.85 C: 101.00 mm



112665 Alternator 14 V, 100 Amp
 Replacing: 10464084, 10480251, 10480254
 Servicing: Chevrolet, GMC, Isuzu, Oldsmobile
 Pulley SP, Grooves 6, B+ M8, Length 176.00
 Replacing: CS130.
 A: 72.00 B: 50.80 mm



112720 Alternator 14 V, 100 Amp
 Replacing: 10480273, 3493273, 922
 Servicing: Opel, Vauxhall
 Pulley P, Grooves 1, B+ M8, Length 173.00
 A: 53.50 B: 33.40 C: 57.00 mm



112803 Alternator 28 V, 80 Amp
 Replacing: 19025103
 Servicing: Volvo
 Terminal W, Pulley w/o, B+ M8, Length 181.50
 B: 51.00 mm



112824 Alternator 14 V, 145 Amp
 Replacing: 10459188, 10459189, 10459190, 10459191, 10459192, 10459193, 19020300, 19020302, 19020303, 19020323
 Servicing: Freightliner, International, Kenworth, Mack
 Terminal W, Pulley w/o, B+ 5/16" UNC, Length 217.00
 Replacing: 22SI. Negative grounding. One wire system. R-Terminal universal. I-Terminal 10-24.
 B: 14.10 C: 100.60 mm



112834 Alternator 14 V, 145 Amp
 Replacing: 10459205, 10459217, 10459254, 10459472, 19020305, 19020306, 19020308, 19020310, 19020312, 19020379
 Servicing: International, Ford
 Terminal R, Pulley w/o, B+ 1/4" UNF, Length 221.00
 Replacing: 22SI. One wire system. B+ 1/4" UNC. I-Terminal universal. R-Terminal 10-24.
 B: 13.20 C: 101.50 mm

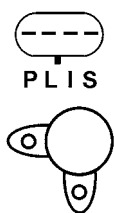


112850 Alternator 14 V, 105 Amp
 Replacing: 10464404, 10464438, 10464451, 10480229, 10480326, 10480388, 321-1748, 321-1798, 321-1811
 Servicing: Chevrolet, GMC, Cadillac
 Pulley SP, Grooves 6, B+ M6, Length 176.00
 Replacing: AD230.
 A: 72.50 B: 50.60 mm

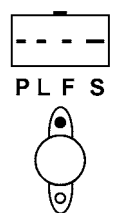
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

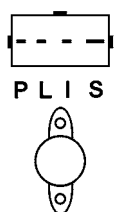
*Available while stock last, * Program development.



112853 Alternator 14 V, 130 Amp
 Replacing: 10464405, 10480234, 10480390, 10754097, 15750871, 15768830, 321-1749
 Servicing: Chevrolet, GMC, Cadillac, Isuzu, Buick
 Pulley SP, Grooves 6, B+ M6, Length 180.00
 Replacing: AD244.
 A: 73.00 B: 51.00 mm



112880 Alternator 14 V, 120 Amp
 Replacing: 10463069, 10497111, 1101239, 1101296, 1101329, 1101518, 1105657, 321-275, 321-367
 Servicing: Cadillac
 Pulley SP, Grooves 6, B+ M6, Length 186.00
 Replacing: CS144.
 A: 79.00 B: 51.00 mm



112888 Alternator 14 V, 140 Amp
 Replacing: 10463523, 10463680, 10480111, 10480203, 321-1056
 Servicing: Pontiac
 Pulley SP, Grooves 6, B+ M8, Length 179.50
 A: 72.75 B: 51.00 mm



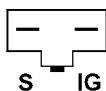
112992 Alternator 28 V, 70 Amp
 Replacing: 1117915
 Servicing: Fiat-Allis
 Pulley w/o, B+ 5/16" UNC, Length 220.50
 Replacing: 20SI. Negative grounding. One wire system. B+ 5/16".
 B: 14.50 C: 101.55 mm



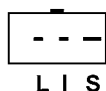
112993 Alternator 14 V, 130 Amp
 Replacing: 1117889, 1117914, 1117923, 1117957, 1117958, 1117959, 1117962, 19010120, 19010136, 19010137
 Servicing: Volvo, International, Ford, Cummins
 Terminal W, Pulley w/o, B+ 1/4" UNF, Length 217.00
 Replacing: 21SI. Negative grounding. One wire system. B+ 1/4". Shaft is 7/8 In = 22.255 mm.
 B: 14.20 C: 101.50 mm



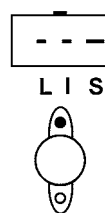
112995 Alternator 14 V, 145 Amp
 Replacing: 1117909, 1117910, 1117917, 1117919, 1117920, 1117921, 1117922, 1117923, 1117934, 1117963, 1117964
 Servicing: Kenworth, Mack
 Terminal W, Pulley w/o, B+ M8, Length 217.00
 Replacing: 21SI. Negative grounding. One wire system. B+ 5/16".
 B: 14.00 C: 101.00 mm



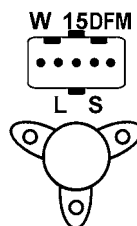
112996 Alternator 14 V, 115 Amp
 Replacing: 10459037, 10459038, 10459040, 10459041, 10459059, 10459111, 10459135, 10459155, 10459159, 10459175
 Servicing: Volvo, Ford, Freightliner, Kenworth, Mack, John Deere, Caterpillar, New Holland
 Pulley w/o, B+ M8, Length 217.50
 Replacing: 21SI. Negative grounding. B+ 1/4".
 B: 14.55 C: 100.50 mm



113349 Alternator 14 V, 85 Amp
 Replacing: 219138, 219202, 96404010
 Servicing: Daewoo
 Pulley SP, Grooves 6, B+ M8, Length 183.50
 A: 36.00 B: 13.00 C: 81.50 mm



113350 Alternator 14 V, 85 Amp
 Replacing: 219139
 Servicing: Daewoo, Chevrolet
 Pulley SP, Grooves 5, B+ M8, Length 179.00
 A: 36.00 B: 13.20 C: 81.30 mm



113351 Alternator 28 V, 100 Amp
 Replacing: 19070007, 19070008, 19070009, 19070014, 19070015, 19070016
 Servicing: Mercedes-Benz, DAF, MAZ, VW
 Terminal W, Pulley w/o, B+ M8, Length 196.00
 Alternative no.: 115557
 B: 80.00 mm



113376 Alternator 14 V, 55 Amp
 Replacing: 3472022, 3472024, 3472038, 3472039, 3472049, 3472061, 3472104, 3472204, 3493204
 Servicing: Opel, Vauxhall, Lancia, Bedford, Fiat
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.50
 A: 76.60 B: 56.20 mm



113432 Alternator 14 V, 145 Amp
 Replacing: 10459050, 10459051, 1117916, 1117924, 1117933, 1117948, 1117952, 19010156, 321-688
 Servicing: Volvo, International, Kenworth, Mack, Renault Agriculture
 Terminal W, Pulley w/o, B+ M6, Length 223.00
 Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".
 B: 14.30 C: 101.20 mm



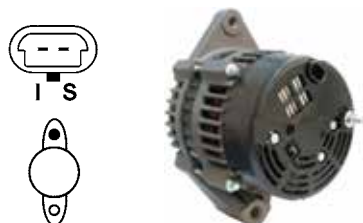
113448 Alternator 28 V, 100 Amp
 Replacing: 19025109, 19025110, 19025111, 19025112
 Servicing: Mercedes, Mercedes-Benz
 Terminal W, Pulley w/o, B+ M8, Length 211.00
 Alternative no.: 116585
 B: 80.00 mm



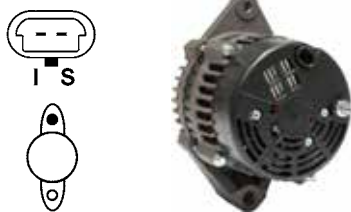
113457 Alternator 28 V, 60 Amp
 Replacing: 219055, 390049
 Servicing: Various Industrial applications
 Terminal W, Pulley DP, Grooves 2, B+ M6, Length 210.00
 A: 65.75 B: 14.00 C: 101.00 mm



113685 Alternator 14 V, 70 Amp
 Replacing: 19020601, 19020609
 Servicing: Mercruiser, Marine, Mercury
 Terminal W, Pulley SP, Grooves 6, B+ M6, Length 180.00
 A: 41.00 B: 16.80 C: 65.20 mm



113692 Alternator 14 V, 70 Amp
 Manufacturer: Remy
 Replacing: 19020608
 Servicing: Crusader
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 176.00
 A: 77.00 B: 50.80 mm



113694 Alternator 14 V, 70 Amp
 Manufacturer: Remy
 Replacing: 19020606, 19020615
 Servicing: Hyster
 Terminal W, Pulley SP, Grooves 6, B+ M6, Length 177.00
 A: 72.50 B: 50.80 mm



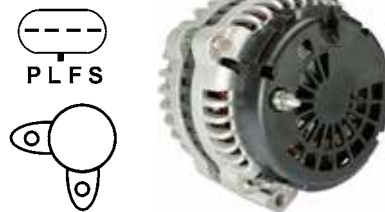
113708 Alternator 14 V, 115 Amp
 Replacing: 1904981
 Servicing: Ford
 Pulley SP/FW, Grooves 6, B+ M6, Length 166.00
 A: 41.00 B: 55.00 C: 74.00 mm



113709 Alternator 14 V, 115 Amp
 Replacing: 1904976
 Servicing: Ford, Jaguar
 Pulley SP, Grooves 6, B+ M6
 A: 41.00 B: 55.00 C: 74.00 mm



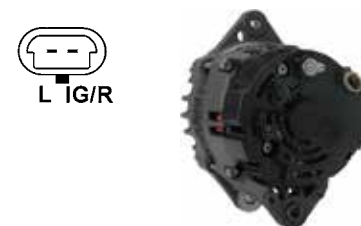
113771 Alternator 14 V, 190 Amp
 Replacing: 10480407
 Servicing: Mercedes, Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8, Length 196.00
 Water cooled.
 A: 33.00 B: 93.45 C: 56.75 mm



113777 Alternator 14 V, 145 Amp
 Replacing: 15226003, 15754097, 15754097M
 Servicing: Hummer, Various Industrial applications
 Pulley SP, Grooves 6, B+ M6, Length 178.50
 A: 72.46 B: 50.91 mm



114114 Alternator 14 V, 65 Amp
 Replacing: 219170, 219235, 219251, 96380673
 Servicing: Chevrolet, Daewoo
 Pulley P, Grooves 1, Fan IF, B+ M6, Length 166.50
 A: 42.00 B: 14.35 C: 66.00 mm



114172 Alternator 14 V, 65 Amp
 Replacing: 19020600
 Servicing: Mercury
 Pulley SP, Grooves 1, B+ M8, Length 144.50
 A: 42.00 B: 15.00 C: 64.50 mm



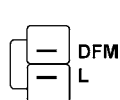
114350 Alternator 14 V, 85 Amp
 Replacing: 96499043
 Servicing: Chevrolet, Daewoo
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 175.00
 A: 36.00 B: 12.50 C: 80.00 mm



114351 Alternator 14 V, 200 Amp
 Replacing: 8600313
 Servicing: Caterpillar, Cummins, International
 Terminal W, Pulley w/o, B+ M8,
 Length 234.80
 B: 14.00 C: 101.20 mm



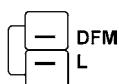
114431 Alternator 14 V, 120 Amp
 Replacing: 18000004, 8000004
 Servicing: Alfa Romeo, Fiat, Holden, Opel, Peugeot, Vauxhall
 Pulley SP, Grooves 5, B+ M8,
 Length 184.00
 A: 64.70 B: 23.00 C: 57.20 mm



114512 Alternator 14 V, 140 Amp
 Replacing: 8400156, 8400158, 8400218
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 200.00
 A: 35.50 B: 13.00 C: 66.00 mm



114536 Alternator 14 V, 150 Amp
 Replacing: 19020901, 19020903, 8600009, 8600032, 8600068, 8600142, 8600151, 8600163, 8700009, 8700010, 8700011
 Servicing: Cummins
 Pulley w/o, B+ 5/16" UNC, Length 235.00
 B: 14.00 C: 100.50 mm



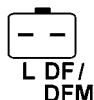
114665 Alternator 14 V, 100 Amp
 Replacing: 8400157, 8400159, 8400219
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 198.00
 A: 35.60 B: 13.10 C: 67.40 mm



114812 Alternator 14 V, 70 Amp
 Replacing: 19020611, 19020612
 Servicing: Mercruiser
 Terminal W, Pulley SP, Grooves 6,
 B+ M6
 A: 41.50 B: 17.00 C: 65.50 mm



114864 Alternator 28 V, 100 Amp
 Replacing: 10459353, 19011189, 19011195, 19011208, 8600050, 8600479
 Servicing: John Deere
 Pulley w/o, Fan EF, B+ 1/4" UNC,
 Insulated return Yes
 B: 14.20 C: 102.00 mm



115438 Alternator 14 V, 120 Amp
 Replacing: 8400224
 Servicing: Citroen, Peugeot
 Pulley SP, Grooves 6, B+ M8,
 Length 180.00
 A: 42.50 B: 22.00 C: 45.50 mm



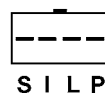
115463 Alternator 14 V, 20 Amp
 Replacing: 119910-77200, 124190-77201, 129150-77200, 129150-77201, 129150-77202, 129150-77203, AM877557
 Servicing: John Deere. (Permanent magnet Alternator)
 Pulley P, Grooves 1, Length 77.00
 A: 42.00 B: 14.20 mm



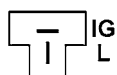
115520 Alternator 14 V, 105 Amp
 Replacing: 19009950
 Servicing: Hyster
 Pulley w/o, Fan EF, B+ 1/4" UNF,
 Length 216.00
 B: 50.80 mm



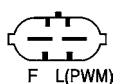
115605 Alternator 14 V, 120 Amp
 Replacing: 10497083
 Servicing: John Deere
 Terminal W, Pulley SP, Grooves 8,
 B+ M8
 A: 78.00 B: 51.00 mm



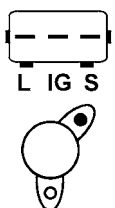
115680 Alternator 14 V, 95 Amp
 Replacing: 19020204
 Servicing: Case, Trackless
 Pulley SP, Grooves 8, Fan IF, B+ M8,
 Length 193.00
 A: 71.50 B: 50.80 mm



115690 Alternator 28 V, 45 Amp
 Replacing: 219154
 Servicing: Doosan
 Terminal W, Pulley DP, Grooves 2,
 Fan EF, B+ M6, Length 194.00
 A: 45.50 B: 13.80 C: 98.25 mm



115761 Alternator 14 V, 140 Amp
 Replacing: 13579114, 13580078, 4819446
 Servicing: Chevrolet
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 188.00
 A: 61.00 B: 24.60 C: 59.50 mm



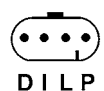
115871 5★ Alternator 28 V, 90 Amp
 Manufacturer: Mitsubishi
 Replacing: 8600498
 Servicing: Iveco
 Pulley SP, Grooves 12, B+ M8,
 Length 204.00
 Alternative no.: 112427
 A: 90.00 B: 58.00 mm



115873 5★ Alternator 14 V, 55 Amp
 Manufacturer: Marelli
 Replacing: 19025068
 Servicing: Alfa Romeo, Fiat, Iveco
 Pulley P, Grooves 1, B+ M6,
 Length 172.00
 Alternative no.: 111418
 A: 49.00 B: 17.00 C: 65.00 mm



116008 Alternator 14 V, 100 Amp
 Replacing: 1204648, 13502592
 Servicing: Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 194.00
 A: 32.00 B: 79.00 C: 56.00 mm



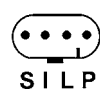
116010 Alternator 14 V, 95 Amp
 Replacing: 19020208, 8600000
 Servicing: Case, New Holland
 Pulley SP, Grooves 8, B+ M8,
 Length 195.00
 A: 75.00 B: 51.00 mm



116133 5★ Alternator 14 V, 33 Amp
 Manufacturer: Mahle Letrika
 Replacing: 19025042, 19025063
 Servicing: Fiat, Fiat-Allis, Lamborghini,
 Same, Zastava
 Pulley P, Grooves 1, B+ 9.30
 Alternative no.: 111180
 A: 48.50 B: 24.30 C: 73.50 mm



116150 Alternator 14 V, 70 Amp
 Replacing: 19020618
 Servicing: Mercury
 Pulley SP, Grooves 6, Fan IF, B+ M6,
 Length 177.00
 A: 91.50 B: 61.00 mm

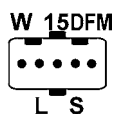


116163 Alternator 14 V, 95 Amp
 Replacing: 8400013, 8600002
 Servicing: Indmar
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 179.00
 A: 72.30 B: 50.80 mm



116168 Alternator 14 V, 105 Amp
 Replacing: 8400160
 Servicing: Daewoo
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 185.00
 A: 55.70 B: 22.00 C: 58.00 mm

NEW PRODUCT
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116190 Alternator 12 V, 190 Amp
 Replacing: 10480435, 10480485
 Servicing: Porsche
 Pulley SP, Grooves 7
 mm

116291 Alternator 28 V, 100 Amp
 Replacing: 8600481, 8600512, 8600578,
 8600620, 8600621, 8600764
 Servicing: Mercedes-Benz, Setra
 Pulley SP, Grooves 8, B+ M8,
 Length 218.00
 A: 38.70 B: 80.10 C: 107.50 mm



116302 Alternator 14 V, 65 Amp
 Replacing: 219292, 96567255
 Servicing: Chevrolet
 Pulley SP, Grooves 3, B+ M6,
 Length 164.00
 A: 40.30 B: 14.30 C: 66.00 mm



116317 Alternator 28 V, 70 Amp
 Replacing: 8600017, 8600020, 8600022,
 8600154, 8600360, 8600407, 8600504
 Servicing: Atlas Copco, Bomag, Caterpillar,
 Cummins, Doosan, Hitachi, Hoist, Hyster,
 Hyundai, JCB, Kawasaki
 Pulley w/o, Fan IF, B+ 5/16" UNC,
 Length 240.00, Insulated return No
 B: 14.00 C: 102.00 mm



116402 Alternator 14 V, 130 Amp
 Manufacturer: Delco Remy Korea
 Replacing: 8400290
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 5, Fan IF,
 B+ M8, Length 178.00
 A: 31.70 B: 13.20 C: 51.10 mm

NEW PRODUCT
www.hc-cargo.com

116539* Alternator 14 V, 50 Amp
 Replacing: 19020703, 19020706
 Servicing: Mercury
 Grooves 4



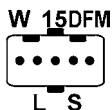
116585 Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: 19025109, 19025110, 19025111,
 19025112
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 8, B+ M8
 Alternative no.: 113448
 A: 113.00 B: 80.00 mm

NEW PRODUCT
www.hc-cargo.com

116643 Alternator 14 V, 150 Amp
 Replacing: 19084020
 Servicing: Honda



116654 Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 19025113, 19070006, 19070058
 Servicing: MAZ, Mercedes-Benz
 Terminal W, Pulley SP, Grooves 8,
 Fan EF, B+ M8, Length 188.00
 Alternative no.: 112561



116675 Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 1932592
 Servicing: Temsa
 Pulley SP, Grooves 8, Fan IF, B+ M8,
 Length 215.00
 A: 36.50 B: 80.00 C: 108.00 mm

NEW PRODUCT
www.hc-cargo.com

116762* Alternator 28 V, 100 Amp
 Replacing: 8600586
 Servicing: Mercedes-Benz

NEW PRODUCT
www.hc-cargo.com

116787* Alternator 28 V, 150 Amp
 Replacing: 19092104
 Servicing: Mercedes-Benz
 Grooves 8



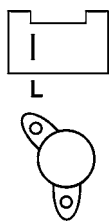
115533 Alternator 28 V, 75 Amp

Replacing: 0214-202-0310, 0214-202-0320, 0214-202-0330, 0214-202-0340, 0214-202-0410

Servicing: Komatsu

Terminal W, Pulley w/o, B+ 5/16" UNC, Length 222.00

B: 14.30 C: 102.00 mm



110048 5+ Alternator 14 V, 70 Amp

Manufacturer: Mahle Letrika

Replacing: 70229002, 71273402, 71427002, 71427012, 71470402, 71470602, 71473802, 71473902(2)

Servicing: Farymann, Renault, Volvo Penta

Terminal W, Pulley SP, Grooves 1, Fan EF, B+ M6, Length 180.00, Insulated return Yes

A: 72.00 B: 51.00 mm



110052 Alternator 28 V, 40 Amp

Replacing: 71249002, 71340002, 71490502, 71490702, 71490802, 71491002, 71543002

Servicing: Baudouin, DAF, Volvo Penta

Terminal W, Pulley w/o, Fan EF, B+ M6, Length 177.00, Insulated return Yes

B: 50.00 mm



110112 Alternator 28 V, 40 Amp

Replacing: 71554102

Servicing: Volvo, Volvo Penta

Terminal W, Pulley w/o, Fan EF, B+ M6, Length 175.50

B: 51.00 mm



110127 Alternator 14 V, 70 Amp

Replacing: 70229702, 71427052, 71427102, 71427302, 71429702, 71429802, 71430402, 71470302, 71470502, 71473602

Servicing: Volvo Penta, Farymann

Terminal W, Pulley P, Grooves 1, Fan EF, B+ M6, Length 179.00, Insulated return Yes

A: 79.00 B: 51.00 mm



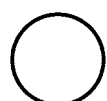
111139 Alternator 14 V, 75 Amp

Replacing: 71236002

Servicing: Audi, Porsche, VW

Pulley P, Grooves 1, B+ M8, Length 171.00

A: 82.30 B: 56.00 mm



111226 Alternator 14 V, 50 Amp

Replacing: 71223702, 71233002, 71314202

Servicing: Hatz

Pulley w/o, B+ M6, Length 162.50



111397 Alternator 14 V, 50 Amp

Replacing: 70229102, 70229502, 70229602, 70229802, 70230002, 70230202, 70230302, 70230502

Servicing: Volvo Penta, BUKH

Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.00, Insulated return Yes

A: 74.20 B: 50.70 mm



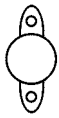
112230 Alternator 14 V, 80 Amp

Replacing: 71716600

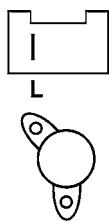
Servicing: Peugeot, Citroen, Fiat, Suzuki

Pulley SP, Grooves 6, B+ M8, Length 180.00

A: 42.00 B: 27.20 C: 66.50 mm



113376 Alternator 14 V, 55 Amp
 Replacing: 6020940MO30SM
 Servicing: Opel, Vauxhall, Lancia, Bedford, Fiat
 Terminal W, Pulley P, Grooves 1,
 B+ M6, Length 167.50
 A: 76.60 B: 56.20 mm



110048 5★ Alternator 14 V, 70 Amp

Manufacturer: Mahle Letrika

Replacing: 2927750, A13N3M, A13N57M

Servicing: Farymann, Renault, Volvo Penta

Terminal W, Pulley SP, Grooves 1,

Fan EF, B+ M6, Length 180.00,

Insulated return Yes

A: 72.00 B: 51.00 mm



110052 Alternator 28 V, 40 Amp

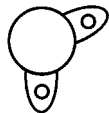
Replacing: 2937130, 2937130A, A13N270

Servicing: Baudouin, DAF, Volvo Penta

Terminal W, Pulley w/o, Fan EF, B+ M6,

Length 177.00, Insulated return Yes

B: 50.00 mm



110077 5★ Alternator 14 V, 50 Amp

Manufacturer: Mahle Letrika

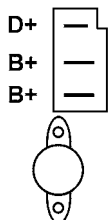
Replacing: 2927990

Servicing: Citroen, Opel, Peugeot, Vauxhall,

Case, Deutz-Fahr, Fendt, Goldoni

Pulley P, Grooves 1, B+ M6, Length 171.00

A: 78.50 B: 56.00 mm



110107 Alternator 14 V, 55 Amp

Replacing: 9AR2725, 9AR2786

Servicing: Massey Ferguson

Pulley P, Fan EF, B+ Plug, Length 165.00



110112 Alternator 28 V, 40 Amp

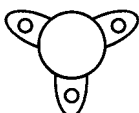
Replacing: 2937390, 2939210

Servicing: Volvo, Volvo Penta

Terminal W, Pulley w/o, Fan EF, B+ M6,

Length 175.50

B: 51.00 mm



110113 Alternator 28 V, 27 Amp

Replacing: 310426

Servicing: Mercedes-Benz

Pulley w/o, B+ M6, Length 165.00

B: 80.00 mm



110116 Alternator 28 V, 35 Amp

Replacing: A13N33

Servicing: DAF, MAN, Ford

Terminal W, Pulley w/o, B+ M8,

Length 180.00

B: 80.00 mm



110127 Alternator 14 V, 70 Amp

Replacing: 2927120, 510819

Servicing: Volvo Penta, Farymann

Terminal W, Pulley P, Grooves 1,

Fan EF, B+ M6, Length 179.00,

Insulated return Yes

A: 79.00 B: 51.00 mm



110163 5★ Alternator 28 V, 45 Amp

Manufacturer: Mahle Letrika

Replacing: 2181693, 2541777, 2938680,

A13N140, A13N140T, A13N229T, A13N22T,

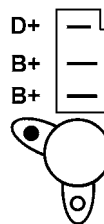
A13N283, A13N283M, A13N4T, A13N56M

Servicing: Renault, Renault V.I.

Terminal W, Pulley DP, Grooves 2,

Fan EF, B+ M6, Length 172.50

A: 48.75 B: 27.25 C: 67.50 mm



110178 5★ Alternator 14 V, 36 Amp

Manufacturer: Lucas

Replacing: 2523234, 29409930, 9AR2699

Servicing: Ford, Austin, Land Rover, Triumph,

MG, Morris, Talbot, Vauxhall, Plymouth,

Jensen, Lotus, Bedford, Case, Massey Fergu-

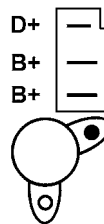
son, New Holland

Pulley w/o, B+ 9.40, Length 164.00

For pulley w/ 17.00 mm bore use bushing:

HC-CARGO 134894.

B: 10.00 C: 87.00 mm



110179 5★ Alternator 14 V, 36 Amp

Manufacturer: Lucas

Replacing: 9AR2699

Servicing: Ford, Land Rover, Triumph, Vaux-

hall, Lotus, Jaguar, Mercury, Bedford, Case,

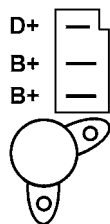
LDV International

Pulley w/o, B+ 9.40, Length 162.00

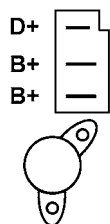
For pulley w/ 17.00 mm bore use bushing:

HC-CARGO 134894.

B: 9.75 C: 88.00 mm



110358 Alternator 14 V, 55 Amp
Replacing: 2541264, 2950281
Servicing: Mercedes, Seat, Mercedes-Benz
Pulley P, Grooves 1, Fan EF, B+ Plug, Length 162.50
A: 77.50 B: 56.00 mm



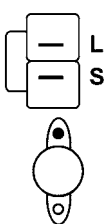
110360 Alternator 14 V, 45 Amp
Replacing: 9AR2518
Servicing: Audi, VW, Deutz-Fahr, Fiat
Pulley P, Grooves 1, B+ 9.40, Length 154.00
B: 56.00 mm



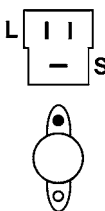
110540 Alternator 14 V, 55 Amp
Replacing: 2EA0467C, 893633, A000B0431, A0B09601, AC155513, AC155515, AC155907, AR150CA, AR150DA, M34377
Servicing: Bobcat, OMC, Carrier Transcold, Case, Gehl, Hitachi, Kubota, New Holland, Volvo
Terminal W, Pulley P, Grooves 1, B+ 1/4" UNC, Length 170.00
A: 75.00 B: 50.50 mm



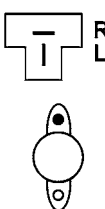
110619 Alternator 14 V, 70 Amp
Replacing: 2541298, 2541298A, 2541719, 2541763, 2541763A, 2541763C, 2541763D, A11VI11, A11VI43, A11VI55
Servicing: Citroen, Peugeot
Pulley P, Grooves 1, B+ M8, Length 170.00
A: 95.00 B: 56.10 mm



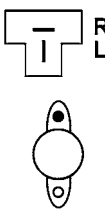
110659 Alternator 14 V, 75 Amp
Replacing: A000A003, AB175015, AB175053, M36881, TA000A15101
Servicing: Mitsubishi, Hyundai, Dodge, Eagle, Plymouth, Kia
Pulley SP, Grooves 4, B+ M6, Length 156.30
A: 38.15 B: 13.00 C: 55.00 mm



110694 Alternator 14 V, 40 Amp
Replacing: 2EA0629, APR140AA, M35529
Servicing: Nissan
Pulley P, Grooves 1, B+ M6, Length 226.00
A: 42.00 B: 13.10 C: 80.45 mm



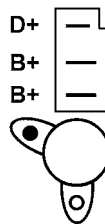
110699 Alternator 14 V, 50 Amp
Replacing: A000B015, AD155325, M36710
Servicing: Ford, Mazda
Pulley P, Grooves 1, B+ M5, Length 248.50
A: 50.90 B: 13.00 C: 80.25 mm



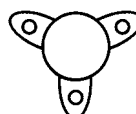
110706# Alternator 14 V, 60 Amp
Replacing: 2EA0411, 582783, A000B016, AD155326, AD160209, APR155BA, M36709
Servicing: Kia, Ford, Mazda
Pulley P, Grooves 1, B+ M5, Length 247.00
A: 49.70 B: 13.00 C: 80.00 mm



110743 Alternator 14 V, 30 Amp
Replacing: 310058L, 310221W, 310231Z, A11M11, A11M12, A11M4, A11M5, A11M6, A12R56
Servicing: Citroen
Pulley P, Grooves 1, B+ M6, Length 155.00
Regulator: HC-CARGO 130679.
A: 61.00 B: 40.00 mm



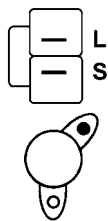
110759 Alternator 14 V, 35 Amp
Replacing: 2541239, 2541452, 592798, 9AR2699
Servicing: Ford, Iveco, Austin, Mercury
Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 160.00
A: 36.00 B: 10.50 C: 79.00 mm



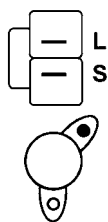
110766 Alternator 28 V, 27 Amp
Replacing: 2523162, 2960150
Servicing: Atlas Copco, Iveco, MercedesCase, Deutz-Fahr, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr
Terminal W, Pulley w/o, B+ M6, Length 170.00
B: 56.00 mm



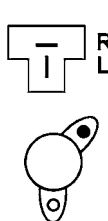
110801 Alternator 28 V, 45 Amp
Replacing: A13R182
Servicing: Fiat-Allis, International, Cummins, Caterpillar, Atlas Copco, CaseAtlas Copco
Terminal W, Pulley w/o, B+ 1/4" UNF, Length 270.00
B: 14.80 C: 100.00 mm



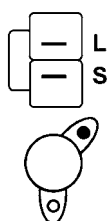
110802 Alternator 14 V, 75 Amp
Replacing: A000B0301, AB175020, M39589, TA000A34801, TA000B33801
Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth
Pulley SP, Grooves 4, B+ M6, Length 159.50
A: 35.00 B: 13.25 C: 77.60 mm



110804 Alternator 14 V, 90 Amp
Replacing: A000B0441, AB190025, AB190072, AB190119, M39882
Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth
Pulley SP, Grooves 4, B+ M6, Length 160.00
A: 35.00 B: 13.40 C: 77.40 mm



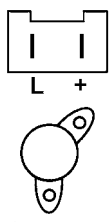
110805 Alternator 14 V, 45 Amp
Replacing: 2EA0550A1, AD150413
Servicing: Mitsubishi, Dodge, Mazda, Plymouth
Pulley P, Grooves 1, B+ M5, Length 221.50
A: 45.30 B: 13.10 C: 54.20 mm



110806 Alternator 14 V, 65 Amp
Replacing: 2EA0550D3, AD165309, APR165AA, M04418
Servicing: Mitsubishi
Pulley P, Grooves 1, B+ M6, Length 223.50
A: 44.40 B: 12.80 C: 56.30 mm



110881 Alternator 14 V, 55 Amp
Replacing: 9AR2596, 9AR2621
Servicing: Volvo, Deutz-Fahr, Fendt, Kramer, Marshall
Terminal W, Pulley DP, Grooves 2, B+ M6, Length 170.00
A: 88.00 B: 56.00 mm



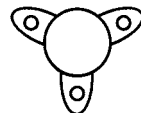
110889 Alternator 14 V, 75 Amp
Replacing: 2541204, 2541324, A14N144, A14N163, A14N4
Servicing: Renault, Renault V.I.
Terminal W, Pulley P, Grooves 1, B+ M6, Length 176.50
A: 57.90 B: 26.90 C: 69.00 mm



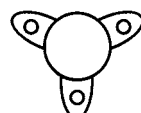
110890 Alternator 14 V, 55 Amp
Replacing: 2950500
Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Massey Ferguson, Same, Seat
Pulley P, Grooves 1, B+ M6, Length 169.00
A: 49.00 B: 17.00 C: 63.00 mm



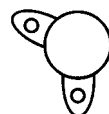
110891 Alternator 14 V, 70 Amp
Replacing: 2925330
Servicing: Ford, Land Rover, MG
Terminal W, Pulley w/o, B+ M6, Length 169.00
B: 11.30 C: 83.00 mm



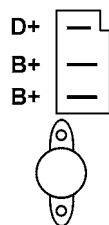
110895 Alternator 28 V, 55 Amp
Replacing: 2940778, 2940780, 523161
Servicing: Man, Mercedes, Daf, Kässbohrer, SSangyoung, Mercedes-Benz
Terminal W, Pulley w/o, B+ M8, Length 196.50, Insulated return No
B: 80.00 mm



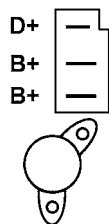
110906 Alternator 28 V, 30 Amp
Replacing: 2104264, A13N166
Servicing: Mercedes-Benz
Terminal W, Pulley w/o, B+ M6, Length 187.00
B: 80.00 mm



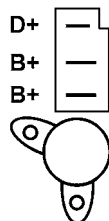
110911 Alternator 14 V, 55 Amp
Replacing: 9AR2596, 9AR2621
Servicing: Audi, Saab, VW, Peugeot
Pulley P, Grooves 1, B+ M6, Length 171.00
A: 77.64 B: 56.00 mm



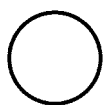
110912 Alternator 14 V, 55 Amp
Replacing: 2541233, 2541234, A13E23
Servicing: Fiat, Iveco, Lancia, Seat, Ferrari, Abarth, Alfa Romeo, Fiat-Allis, Pininfarina
Pulley P, Grooves 1, B+ M6, Length 162.50
A: 44.50 B: 16.40 C: 66.00 mm



110913 Alternator 14 V, 70 Amp
 Replacing: 9AR2518
 Servicing: Audi, VW, Skoda
 Terminal W, Pulley w/o, B+ 9.40
 B: 56.00 mm



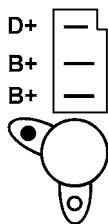
110923 Alternator 14 V, 55 Amp
 Replacing: 2518046, A13V05
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ Plug, Length 176.00
 A: 92.00 B: 56.00 mm



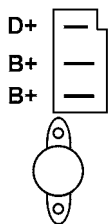
110931 Alternator 14 V, 70 Amp
 Replacing: A14N11
 Servicing: Porsche
 Pulley w/o, B+ M6, Length 179.00



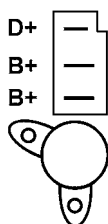
110959 Alternator 14 V, 55 Amp
 Replacing: 2EA0436A, A000B0331, AC155602, AC155603, AC155604, AR150AA, AR150BA, M31612, M40472
 Servicing: Mercury, OMC, Mercruiser
 Terminal W, Pulley P, Grooves 1, B+ M8, Length 162.00
 Purple wire = +15. Red wire = S (+).
 A: 76.35 B: 50.70 mm



110968 Alternator 14 V, 70 Amp
 Replacing: 9AR2699
 Servicing: Austin, Rover, Nissan MG, Case, Dronningborg, Ford, Mercedes-Benz, Valtra
 Pulley P, Grooves 1, Fan EF, B+ M6, Length 167.00
 Pulley distance is ok from 34.00 to 43.00 mm.
 A: 34.00 B: 11.00 C: 82.00 mm



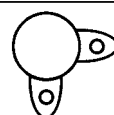
110970 Alternator 14 V, 65 Amp
 Replacing: 9AR2566
 Servicing: Massey Ferguson
 Terminal W, Pulley P, Grooves 1, B+ M6
 A: 58.00 B: 27.10 mm



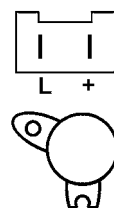
110975 Alternator 14 V, 65 Amp
 Replacing: 9AR2708
 Servicing: VW, Audi, Various Agriculture Vehicles
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.00
 A: 82.85 B: 56.25 mm



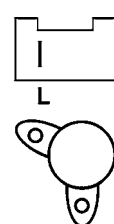
111035 Alternator 14 V, 65 Amp
 Replacing: 2541235, 2541236, A13E25, A13E26, 433118
 Servicing: Fiat, Lancia, Zastava, Autobianchi, Audi, Innocenti, VW, Case, Ford
 Pulley P, Grooves 1, B+ M6, Length 164.50
 A: 52.00 B: 23.00 C: 74.00 mm



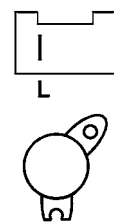
111036 Alternator 14 V, 45 Amp
 Replacing: 2518028, 2541135, A13E1
 Servicing: Fiat, Lancia, Autobianchi
 Pulley P, Grooves 1, B+ M6 HC-CARGO
 111036 is w/o W-Terminal.
 A: 56.80 B: 32.25 mm



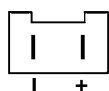
111071 Alternator 14 V, 75 Amp
 Replacing: 2940275, 2941232, A14N1, A14N2, A14N55, A14R26, A14R28
 Servicing: Citroen, Peugeot
 Pulley P, Grooves 1, B+ M6, Length 172.00
 A: 61.85 B: 35.90 C: 53.00 mm



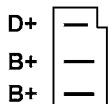
111075 Alternator 14 V, 55 Amp
 Replacing: A13N293, A13N38, A13N43, A13N94
 Servicing: Citroen, Peugeot, Talbot, Vauxhall
 Pulley P, Grooves 1, Fan EF, B+ M6, Length 161.50
 A: 59.50 B: 40.00 mm



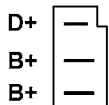
111076 Alternator 14 V, 50 Amp
 Replacing: 2541180, 2541314, 2541366, 2541489, A13N181, A13N218, A13N240, A13N95
 Servicing: Citroen, Peugeot, Talbot, Opel
 Pulley SP, Grooves 4, B+ M6, Length 163.50
 A: 46.35 B: 26.80 C: 66.00 mm



111082 Alternator 14 V, 60 Amp
 Replacing: 2541471, A13N110, A13N121
 Servicing: Renault
 Pulley P, Grooves 1, B+ M6, Length 178.25
 A: 100.95 B: 56.00 mm



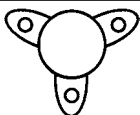
111086 5★ Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 2927060, 2941231
 Servicing: Ford, Austin, Rover, MG, Mercury, RenaultSuzuki
 Pulley P, Grooves 1, B+ Plug, Length 170.00
 A: 34.60 B: 10.80 C: 81.00 mm



111093 Alternator 14 V, 70 Amp
 Replacing: 2518044, 2541297, A13V02, A13V07
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ Plug, Length 183.50
 A: 92.00 B: 56.00 mm



111094 Alternator 14 V, 65 Amp
 Replacing: 2940311, 2940311A, 9AR2596, 9AR2621, A13E45
 Servicing: Audi, VW
 Terminal W, Pulley P, Grooves 1, B+ M8, Length 187.25
 A: 109.00 B: 56.00 mm



111141 Alternator 14 V, 55 Amp
 Replacing: 2325158, 523158, 523159
 Servicing: Mercedes, MAN, Mercedes-Benz
 Terminal W, Pulley w/o, B+ M6, Length 167.70
 B: 80.00 mm



111146 Alternator 28 V, 55 Amp
 Replacing: 523161x
 Servicing: DAF, Ford, MAN
 Terminal W, Pulley w/o, B+ M8, Length 187.50, Insulated return No
 B: 80.00 mm



111148 Alternator 14 V, 65 Amp
 Replacing: A13E68
 Servicing: Fiat, Lancia, Zastava, Autobianchi
 Pulley P, Grooves 1, B+ M6, Length 165.50
 A: 52.25 B: 23.00 C: 73.00 mm



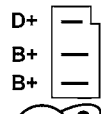
111153 Alternator 14 V, 55 Amp
 Replacing: A13N80, A13R192
 Servicing: Alfa Romeo
 Pulley P, Grooves 1, B+ M6, Length 169.00
 A: 52.00 B: 27.00 mm



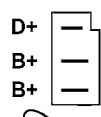
111154 Alternator 14 V, 65 Amp
 Replacing: 2523203, 2541438, 2940307, 2940309, 2940371, A13E09, A13E43, A13E58
 Servicing: VW, Audi, Seat, Alfa Romeo, Mercedes-Benz
 Terminal W, Pulley P, Grooves 1, B+ M8, Length 176.50
 A: 87.50 B: 56.00 mm



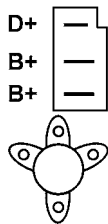
111168 Alternator 14 V, 55 Amp
 Replacing: 2541341, A13N214
 Servicing: Opel, Vauxhall, Ferrari
 Terminal W, Pulley P, Grooves 1, B+ M6, Length 170.00
 A: 84.00 B: 56.00 mm



111184 Alternator 14 V, 43 Amp
 Replacing: 9AR2699
 Servicing: Ford, Vauxhall, Land Rover, Triumph, Massey Ferguson
 Pulley w/o, Length 186.00
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 9.85 C: 87.00 mm



111185 Alternator 14 V, 43 Amp
 Replacing: 9AR2699
 Servicing: Austin, Rover, Land Rover, Ford, Vauxhall, MG, Morris, Lotus, Triumph, Case, Jaguar, LDV, Massey Ferguson
 Pulley w/o, Length 169.50
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 9.80 C: 88.00 mm



111204 Alternator 14 V, 70 Amp

Replacing: 9AR2699

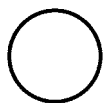
Servicing: Austin, Case, Jaguar, Rover, TVR

Pulley P, Grooves 1, B+ M6,

Length 166.00

w/ mounting bearing bracket for left and right engine side.

A: 54.15 B: 27.00 mm



111226 Alternator 14 V, 50 Amp

Replacing: 2541768, A13N28, A13N281, A13N52

Servicing: Hatz

Pulley w/o, B+ M6, Length 162.50



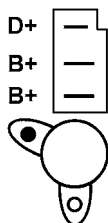
111288 Alternator 14 V, 65 Amp

Replacing: 2541222, 2541435, 2541441, 2541442, 2940303, 2940303A, 2940367, A13E41

Servicing: Seat, VW, MAN

Terminal W, Pulley P, Grooves 1, B+ M8, Length 168.00

A: 75.00 B: 56.00 mm



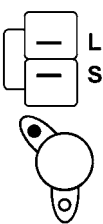
111289 Alternator 14 V, 70 Amp

Replacing: 2927070, 2929780, 2940981, 2950220, 9AR2699

Servicing: Ford, Austin, Rover, Land Rover, MG, Massey Ferguson, Morris, CaseCummins, Dronningborg, New Holland

Terminal W, Pulley P, Grooves 1, Fan EF, B+ 9.40, Length 175.00

A: 35.00 B: 12.50 C: 80.00 mm



111309 Alternator 14 V, 75 Amp

Replacing: A000B0391, AB175019, AB175054, AB175068, AB180128, M37208, TA000A35201, TA000A39101

Servicing: Hyundai, Kia, Proton

Pulley SP, Grooves 4, B+ M8,

Length 169.00

A: 36.20 B: 13.15 C: 56.00 mm



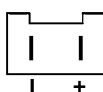
111318 Alternator 14 V, 80 Amp

Replacing: 2541785, 2541785B, 2542255, 2542355, 2542355A, A13VI102, A13VI232, A13VI262

Servicing: Cirtoen, Peugeot, Fiat, Lancia, Citroen

Pulley SP, Grooves 6, B+ M8, Length 174.00

A: 92.35 B: 56.00 mm



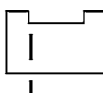
111319 Alternator 14 V, 105 Amp

Replacing: 2541197, 2541307, 2541307C, 2541307D, A13VI13, A14N140, A14N73, A14N75

Servicing: Renault, Opel, Volvo, Renault V.I.

Terminal W, Pulley P, Grooves 1, B+ M6, Length 193.50

A: 48.50 B: 26.90 C: 66.00 mm



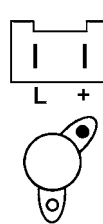
111321 Alternator 14 V, 70 Amp

Replacing: 2541173, 2541445, 2541490, 2541807, A13N133, A13N178, A13N232, A13N241, A13N289

Servicing: Volvo

Pulley SP, Grooves 6, B+ M6, Length 166.00

A: 46.50 B: 27.00 C: 69.50 mm



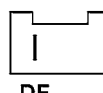
111325 Alternator 14 V, 70 Amp

Replacing: 2541118, A13N158

Servicing: Renault

Pulley P, Grooves 1, B+ M6, Length 174.50

A: 57.10 B: 27.15 C: 66.75 mm



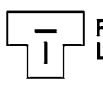
111331 Alternator 28 V, 60 Amp

Replacing: A14N28T, A14N3, A14N3T, A14N44M

Servicing: Renault V.I.

Terminal W, Pulley w/o, B+ M6, Length 172.50

B: 27.30 C: 69.80 mm



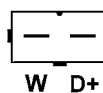
111344 Alternator 28 V, 25 Amp

Replacing: 2EA0501A, AD225412, APR225AA, M04419, TA000A06101

Servicing: Kia, Mitsubishi

Pulley P, Grooves 1, B+ M5, Length 243.50

A: 45.25 B: 12.55 C: 80.20 mm



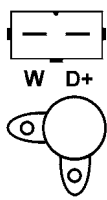
111352 Alternator 14 V, 70 Amp

Replacing: 2541410, 2541415, 2541415G, 2541415H, 2541821, 2541821A, A11VI21, A11VI22, A11VI66

Servicing: Seat, Skoda, VW

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 190.50

A: 39.45 B: 14.65 C: 59.80 mm



111353 Alternator 14 V, 70 Amp

Replacing: 2541619, 2541676, 2541819, A11VI36, A11VI64

Servicing: Seat, VW, Ford, Skoda, Audi

Pulley SP, Grooves 6, B+ M8, Length 187.00

A: 39.50 B: 14.00 C: 61.00 mm



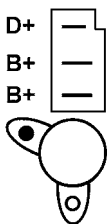
111354 Alternator 14 V, 70 Amp

Replacing: 2541680, 2541680A, 2541683, 2541683A, 2541699, A13VI74, A13VI75

Servicing: Mercedes-Benz

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 190.00

A: 92.00 B: 56.00 mm



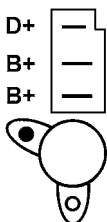
111355 Alternator 14 V, 65 Amp

Replacing: 2541290, 2541400

Servicing: Austin, Rover, Nissan MG, Massey Ferguson, New Holland, Dronningborg, Valmet, Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hako, Hyundai, Ingersoll-Rand, JCB

Terminal W, Pulley P, Grooves 1, B+ M6-6.30, Length 163.50

A: 37.00 B: 11.50 C: 81.00 mm



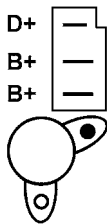
111362 Alternator 14 V, 55 Amp

Replacing: 2926300

Servicing: Ford, Land Rover, Rover, MG, Austin, Valmet, Cummins, Massey Ferguson, New Holland, Valtra

Terminal W, Pulley P, Grooves 1, B+ Plug, Length 165.50

A: 34.50 B: 11.00 C: 81.00 mm



111366 Alternator 14 V, 45 Amp

Replacing: 9AR2699

Servicing: Land Rover, LDV International, Austin

Terminal W, Pulley w/o, B+ M6, Length 166.00

B: 11.00 C: 81.00 mm



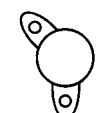
111369 Alternator 14 V, 90 Amp

Replacing: 2541776, 2541776B, 2541839, 2541839A, 2541911, 2541920, 2541920B, 2541960, 2541992, 2541992B

Servicing: Mercedes-Benz, Various Agriculture Vehicles

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 189.50

A: 92.00 B: 56.00 mm



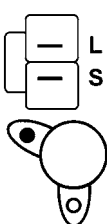
111397 Alternator 14 V, 50 Amp

Replacing: 2518039, 2518039C, 2541191, 2541191B, 2541663, A13N147, A13N147M, A13N148M, A13N149M, A13N186M

Servicing: Volvo Penta, BUKH

Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.00, Insulated return Yes

A: 74.20 B: 50.70 mm



111405 Alternator 14 V, 90 Amp

Replacing: AB190058, HAB190140, TA000A14501

Servicing: Hyundai

Pulley SP, Grooves 4, B+ M6, Length 160.00

A: 35.00 B: 13.25 C: 55.45 mm



111406 Alternator 14 V, 110 Amp

Replacing: AB111033, AB111057, TA000A07401

Servicing: Mitsubishi, Hyundai, Dodge

Pulley SP, Grooves 6, B+ M6, Length 170.00

A: 23.50 B: 17.25 C: 55.40 mm



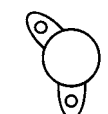
111411 Alternator 14 V, 75 Amp

Replacing: 2541728, 2541728A, A11VI46

Servicing: Fiat, Lancia, Ford, Citroen, Peugeot

Pulley SP, Grooves 4, B+ M8, Length 189.50

A: 54.80 B: 32.00 mm



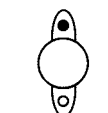
111419 Alternator 28 V, 55 Amp

Replacing: 2541423, 2541636, 2541638, 2541639, A14N186, A14N187, A14N188, A14N189

Servicing: Fiat-Allis, Iveco, Allis Chalmers, BENFRA, Laverda

Terminal W, Pulley DP, Grooves 2, B+ M8, Length 188.00

A: 50.00 B: 17.45 C: 63.00 mm



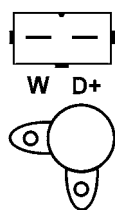
111426 Alternator 14 V, 100 Amp

Replacing: 2542273, SG10B012, SG10B041

Servicing: Opel, Vauxhall, Isuzu

Pulley SP, Grooves 6, B+ M8, Length 180.00

A: 51.00 B: 33.75 C: 56.00 mm



111477 Alternator 14 V, 90 Amp

Replacing: 2541417, 2541417K, 2541675, 2541815, 2541815A, 2541815B, A13VI121, A13VI124, A13VI41

Servicing: VW, Seat, Ford, Skoda

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 187.00

A: 40.00 B: 13.50 C: 59.00 mm



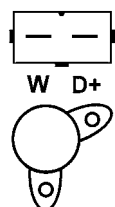
111478 Alternator 14 V, 90 Amp

Replacing: 2541856, 2541856A, 2541895, 2541895B, 2541895C, A13VI138, A13VI156

Servicing: Audi, VW

Pulley SP, Grooves 5, B+ M8, Length 185.00

A: 35.00 B: 14.00 C: 82.00 mm



111479 Alternator 14 V, 90 Amp

Replacing: 2541416, 2541416F, 2941814, A13VI123, A13VI40

Servicing: Seat, VW

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 185.00

A: 39.00 B: 14.00 C: 59.00 mm



111498 Alternator 14 V, 110 Amp

Replacing: 2541679, 2541679C, A13VI73

Servicing: Fiat, Citroen

Pulley SP, Grooves 6, B+ M8, Length 196.00

A: 53.00 B: 27.00 C: 66.00 mm



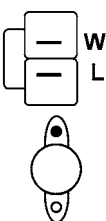
111510 Alternator 28 V, 55 Amp

Replacing: 2939590, 2960000, 9AR3855

Servicing: Ford, DAF, Perkins

Terminal W, Pulley w/o, B+ M6, Insulated return Yes

B: 10.00 C: 82.00 mm



111515 Alternator 14 V, 70 Amp

Replacing: 567051, TA000A55401

Servicing: Opel, Vauxhall, AC, Isuzu

Pulley P, Grooves 1, B+ M8, Length 215.00

A: 42.50 B: 13.00 C: 78.50 mm



111528 Alternator 28 V, 55 Amp

Replacing: 2105473B, 2180620

Servicing: Volvo, Volvo BM, Volvo Penta

Terminal W, Pulley w/o, B+ M8, Length 180.75

B: 51.50 mm



111532 Alternator 14 V, 80 Amp

Replacing: 2541726, 2541726B, A13VI84

Servicing: Citroen, Peugeot

Pulley SP, Grooves 5, B+ M8, Length 176.00

A: 53.00 B: 26.40 C: 58.00 mm



111631 Alternator 28 V, 55 Amp

Replacing: 2541624, 2541624A, 2542359, 2542514, 2542514A, A14N183, A14N183M, A14N207M, A14N208M

Servicing: Volvo

Terminal W, Pulley w/o, B+ M8, Length 185.00, Insulated return Yes

B: 14.10 C: 100.00 mm



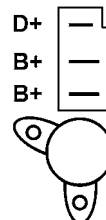
111649 Alternator 14 V, 33 Amp

Replacing: 9AR2725, 9AR2786

Servicing: Claas, Eicher, John Deere, Same, Lamborghini

Pulley P, Grooves 1, B+ M6, Length 168.50

A: 76.00 B: 56.00 mm



111653 Alternator 14 V, 45 Amp

Replacing: 9AR2708

Servicing: Audi, VW

Pulley P, Grooves 1, B+ 9.70, Length 188.00

A: 109.50 B: 56.00 mm



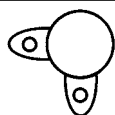
111658 Alternator 28 V, 55 Amp

Replacing: 2522104, 2541199, 2541199B, 2541199D, 2541828, 2541828B, 2541850, A14N118M, A14N141M, A14N200M

Servicing: Volvo, Volvo BM, Volvo Penta, Renault, Renault V.I.

Terminal W, Pulley w/o, B+ M6, Length 185.00, Insulated return Yes

B: 50.75 mm



111676 Alternator 14 V, 90 Amp

Replacing: 2541626, 2541626E, 2541817, A13VI126, A13VI63

Servicing: Audi, VW, Skoda

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 198.00

A: 41.00 B: 14.80 C: 59.00 mm



111686 Alternator 14 V, 65 Amp

Replacing: 2565994, 2565995, 2929510

Servicing: Alfa Romeo, Fiat, Lancia/Lecce, Lamborghini, Laverda

Pulley P, Grooves 1, Fan EF, B+ M6, Length 166.50

A: 49.50 B: 17.00 C: 64.50 mm



111710 Alternator 14 V, 65 Amp

Replacing: AC155616, AC165610, AC165616, AC165617, AC165618, TA00023301, TA000B13001, TA000B28101

Servicing: Mercury, OMC

Pulley SP, Grooves 6, B+ 1/4" UNC, Length 171.00

A: 72.00 B: 50.70 mm



111718 Alternator 14 V, 75 Amp

Replacing: 2541953, 2541953B, 2542897, A11VI88, TG8S017, TG8S025

Servicing: Renault, Dacia, Opel

Pulley SP, Grooves 6, B+ M8, Length 176.00

A: 46.50 B: 26.50 C: 66.50 mm



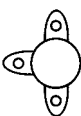
111719# Alternator 14 V, 120 Amp

Replacing: 2541976, 2541976D, 2542315, 2542315A, 2542603, A13VI207, A13VI254, A13VI292

Servicing: Renault, Volvo

Terminal W, Pulley SP/FW, Grooves 6, B+ M6, Length 192.00

A: 46.00 B: 26.30 C: 66.50 mm



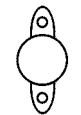
111720 Alternator 28 V, 90 Amp

Replacing: 2541873, 2541916, 2542415, 2542415A, 2542416, 2542416A, 2542433, 2542433A, 2542479, 2542479A

Servicing: Scania, Chevrolet

Terminal W, Pulley w/o, B+ M8, Length 175.50

B: 22.70 C: 68.70 mm



111722 Alternator 14 V, 75 Amp

Replacing: 2541978, 2541978A, 2541999, 2542231, 2542363, 2542363A, A11VI104, A11VI92, A11VI97, A13VI224

Servicing: Renault

Terminal W, Pulley SP, Grooves 6, B+ M6, Length 182.00

A: 45.00 B: 26.80 C: 68.00 mm



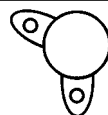
111723 Alternator 14 V, 70 Amp

Replacing: 2541965, 2541965A, A11VI89

Servicing: Citroen, Peugeot, Fiat

Pulley SP, Grooves 5, B+ M8, Length 173.50, Insulated return No

A: 75.00 B: 56.00 mm



111788 Alternator 14 V, 105 Amp

Replacing: 2541694, 2541694D, A13VI76

Servicing: Opel, BMW, Vauxhall

Pulley SP, Grooves 5, B+ M8, Length 181.00

A: 78.00 B: 56.00 mm



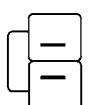
111803 Alternator 14 V, 60 Amp

Replacing: 2541695, A13N269

Servicing: Renault

Pulley P, Grooves 1, B+ M6, Length 173.50

A: 50.50 B: 26.00 mm



111807 Alternator 14 V, 70 Amp

Replacing: AB170066

Servicing: Mazda, Kia

Pulley SP, Grooves 4, B+ M8, Length 158.00

A: 38.00 B: 13.50 C: 66.50 mm



111820 Alternator 14 V, 90 Amp

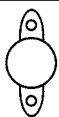
Replacing: 2541801, 2541801A, A13VI114

Servicing: Skoda, Audi, VW

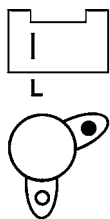
Terminal W, Pulley SP, Grooves 6, B+ M8, Length 185.40

A: 39.50 B: 14.00 C: 59.00 mm

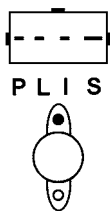




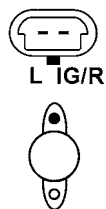
111834 Alternator 28 V, 55 Amp
 Replacing: 9AR3855, A13N11
 Servicing: Scania, Pegaso
 Terminal W, Pulley w/o, B+ M8,
 Length 180.00
 Heavy duty type: HC-CARGO 112182 (80 A).
 B: 80.00 mm



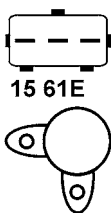
111841 Alternator 14 V, 50 Amp
 Replacing: 2541169, 2541363, A13N129,
 A13N175, A13N215
 Servicing: Citroen, Peugeot
 Pulley P, Grooves 1, B+ M6,
 Length 167.00
 A: 95.50 B: 56.00 mm



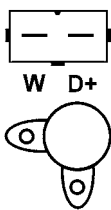
111846 Alternator 14 V, 80 Amp
 Replacing: 219187
 Servicing: Daewoo
 Pulley SP, Grooves 5, B+ M6,
 Length 190.00
 A: 46.50 B: 13.00 C: 80.50 mm



111847 Alternator 14 V, 65 Amp
 Replacing: 2655476, TA000A52201
 Servicing: Chevrolet, Daewoo, SGMW
 Pulley P, Grooves 1, Fan IF, B+ M6,
 Length 161.00
 A: 42.00 B: 15.10 C: 65.30 mm



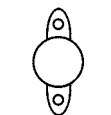
111873 Alternator 14 V, 80 Amp
 Replacing: 2541811, 2541811A, 2541811B,
 2541912, 2541912A, 2542379, 2542379A,
 A13VI119, A13VI160, SG9B029
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8,
 Length 235.00
 A: 69.00 B: 28.00 C: 76.30 mm



111884 Alternator 14 V, 90 Amp
 Replacing: 2542571
 Servicing: Seat, VW
 Terminal W, Pulley SP/FW, Grooves 6,
 B+ M8, Length 188.00
 A: 39.50 B: 14.00 C: 61.50 mm



111890 Alternator 14 V, 90 Amp
 Replacing: A13VI222
 Servicing: Mercedes, Mercedes-Benz, Mul-
 ticar
 Terminal W, Pulley SP/FW, Grooves 6,
 B+ M8, Length 192.00
 A: 92.00 B: 56.00 mm



111937 Alternator 14 V, 75 Amp
 Replacing: 2541928, 2541928A, A11VI81
 Servicing: Opel, Renault, Vauxhall
 Terminal W, Pulley SP, Grooves 6,
 B+ M8, Length 192.00
 A: 52.00 B: 27.00 C: 66.00 mm



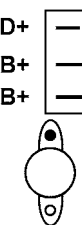
111943 Alternator 14 V, 90 Amp
 Replacing: 2541968, 2541968A, 2541968B,
 2541968D, 2542347, 2542347A, 2542413,
 2542413A, 2542413C, 2542414
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 181.00
 A: 29.50 B: 140.20 C: 42.00 mm



111946 Alternator 14 V, 80 Amp
 Replacing: 2541697, 2541697B, A13VI78
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8,
 Length 207.50
 A: 46.80 B: 19.65 C: 73.50 mm



111947 Alternator 14 V, 95 Amp
 Replacing: 2541848, 2541884, A13VI130,
 A13VI150
 Servicing: BMW
 Pulley SP, Grooves 5, B+ M8,
 Length 218.00
 A: 77.30 B: 56.00 mm



111948 Alternator 14 V, 70 Amp
 Replacing: 2518051, 2541130, 2541131,
 2541148, 2928610, 2940772, 2950700,
 9AR2566, 9AR2725, 9AR2786
 Servicing: Massey Ferguson
 Terminal W, Pulley w/o, B+ Plug,
 Length 159.00
 B: 29.00 mm



111967 Alternator 14 V, 90 Amp

Replacing: 2541922, 2541922B, 2542291, 2542291A, 2542412, 2542412A, 2542412B, 2542412C, A13VI178, A13VI237

Servicing: Mercedes-Benz

Pulley SP, Grooves 5, B+ M8, Length 177.00

A: 30.00 B: 140.00 C: 41.20 mm



111987 Alternator 28 V, 55 Amp

Replacing: 2541618, 2541635, 2541636, 2541637, 25416373, 2541638, 2541639, 2541648, A14N182, A14N185, A14N186

Servicing: Iveco

Terminal W, Pulley w/o, B+ M8, Length 178.00

B: 17.00 C: 63.80 mm



111989 Alternator 14 V, 90 Amp

Replacing: 2542241, 2542241A, 2542241B, 2542241C, 2542241E, 2542571, 2542767, 2543320, 2543320A, 2543328

Servicing: Audi, Seat, Skoda, VW

Pulley SP, Grooves 6, B+ M8, Length 186.50

Alternative no.: 115482 5★

A: 39.60 B: 14.00 C: 61.00 mm



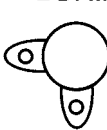
111990 Alternator 14 V, 70 Amp

Replacing: 2542543, SG7S021

Servicing: Opel, Vauxhall, Fiat

Pulley SP, Grooves 5, B+ M8, Length 178.00

A: 55.00 B: 33.50 C: 56.00 mm



112002 Alternator 14 V, 120 Amp

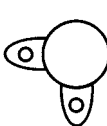
Replacing: 2542237, 2542237A, 2542237D, 2542461, 2542461A, 2542461B, 2542461C, 2542461D, 2542949, 2542949A

Servicing: Audi, Ford, Seat, Skoda, VW

Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 180.00

Alternative no.: 115483 5★

A: 39.00 B: 14.50 C: 61.00 mm



112043 Alternator 14 V, 90 Amp

Replacing: 2542571

Servicing: VW

Terminal DF, Pulley SP, Grooves 6, B+ M8, Length 184.50

A: 40.00 B: 14.00 C: 61.00 mm



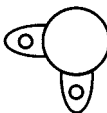
112057 Alternator 14 V, 110 Amp

Replacing: 2541927, 2541927A, A13VI179

Servicing: Renault, Opel, Vauxhall

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 192.00

A: 53.00 B: 26.40 C: 66.50 mm



112058 Alternator 14 V, 70 Amp

Replacing: 2541969, 2541969A, 2542483, 2542483A, 2542678, 2542678A, A11VI91, SG7S014, SG7S024

Servicing: Citroen, Fiat, Peugeot

Pulley SP, Grooves 6, B+ M8, Length 171.50

A: 42.50 B: 22.00 C: 45.00 mm



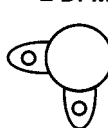
112059 Alternator 14 V, 110 Amp

Replacing: 2541954, 2541954B, 2542354, 2542691, 2542691C, A13VI195, A13VI259, A13VI300

Servicing: Renault

Pulley SP, Grooves 6, B+ M8, Length 180.00

A: 46.00 B: 27.40 C: 66.30 mm



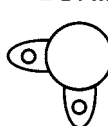
112075 Alternator 14 V, 70 Amp

Replacing: 2542240, 2542240A, 2542240C, SG8B011

Servicing: VW, Audi, Skoda, Seat

Pulley SP, Grooves 6, B+ M8, Length 182.00

A: 40.00 B: 14.00 C: 60.75 mm



112079 Alternator 14 V, 90 Amp

Replacing: 2542245, 2542245C, 2542948, 2542948A, A13VI182, SG9B015, SG9B078

Servicing: VW, Ford, Audi, Seat, SkodaLinde

Pulley SP/FW, Grooves 6, B+ M8, Length 170.00

Alternative no.: 114789 5★

A: 39.00 B: 14.00 C: 61.00 mm



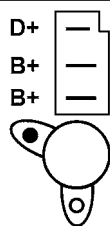
112097 Alternator 28 V, 30 Amp

Replacing: 2939520

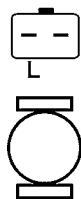
Servicing: Iveco, Allis Chalmers, Astra, Fahr, Fiat, Laverda

Pulley P, Grooves 1, B+ M6, Length 174.00

A: 45.00 B: 17.00 C: 63.00 mm



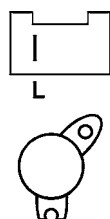
112112 Alternator 14 V, 70 Amp
 Replacing: 2927440, 2928580, 2929580
 Servicing: Sabre, Yanmar, Perkins
 Terminal W, Pulley P, Grooves 1,
 B+ M6, Length 170.50,
 Insulated return Yes
 A: 45.00 B: 11.50 C: 82.50 mm



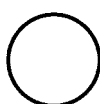
112144 Alternator 14 V, 98 Amp
 Replacing: 2542420, 2542420A, 2542420B,
 2542420C, 2542548, 2542548A, SG9B033,
 SG9B047
 Servicing: Dacia, Nissan, Renault
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 194.00
 A: 19.50 B: 80.10 C: 40.50 mm



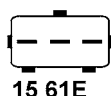
112149 Alternator 14 V, 65 Amp
 Replacing: 2523204, 2523205, 2541434,
 2541434A, 2940304, 2940304A, 2940305,
 2940305A, 2940375
 Servicing: Audi, VW, Seat
 Terminal W, Pulley P, Grooves 1, B+ M8
 A: 109.80 B: 56.00 mm



112162 Alternator 14 V, 70 Amp
 Replacing: 2541142, 2541171, 2541181,
 2541182, 2541367, 2541368, A13N151,
 A13N167, A13N177, A13N182, A13N183
 Servicing: Citroen, Peugeot, Citroen
 Pulley SP, Grooves 4, B+ M6,
 Length 158.00
 A: 45.50 B: 27.00 C: 66.00 mm



112183 5★ Alternator 14 V, 60 Amp
 Manufacturer: Mahle Letrika
 Replacing: 2541133, 2541659, A13N165,
 A13N255
 Servicing: KHD, Agco Allis, Atlas Copco,
 Bomag, Case, Fendt, Ingersoll-Rand, JCB,
 John Deere, Liebherr, Terex
 Terminal W, Pulley w/o, B+ M6,
 Length 174.50



112193 Alternator 14 V, 120 Amp
 Replacing: 2541963, 2541963A, 2542377,
 2542377B, 2542875, 2543237, 2543237A,
 A14VI22, SG12B029, SG14B019
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8, Length 236.00
 A: 69.00 B: 28.00 C: 74.50 mm



112197 Alternator 14 V, 115 Amp
 Replacing: SG12B087
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 176.00
 A: 31.00 B: 69.80 C: 56.00 mm



112199 Alternator 14 V, 75 Amp
 Replacing: 2541980, 2541980A, 2541980B,
 2542342, 2542481, 2542481D, 2543554,
 A11VI94, SG7S010, SG7S013
 Servicing: Renault, Nissan, Dacia
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 194.00
 A: 21.00 B: 80.00 C: 40.00 mm



112229 Alternator 14 V, 70 Amp
 Replacing: 2542689, 2542689A, 2542689C,
 SG7S025
 Servicing: Opel, Vauxhall
 Pulley SP, Grooves 6, B+ M8,
 Length 183.00
 A: 51.00 B: 33.50 C: 57.50 mm



112230 Alternator 14 V, 80 Amp
 Replacing: 2541461, 2541461B, 2541740,
 2541740B, A13VI49, A13VI87
 Servicing: Peugeot, Citroen, Fiat, Suzuki
 Pulley SP, Grooves 6, B+ M8,
 Length 180.00
 A: 42.00 B: 27.20 C: 66.50 mm



112273 Alternator 14 V, 70 Amp
 Replacing: 2541997, 2542281, 2542281C,
 A11VI95, SG8B018
 Servicing: Seat, VW, Skoda
 Pulley SP, Grooves 6, B+ M8,
 Length 185.00
 A: 41.00 B: 14.00 C: 60.80 mm



112274 Alternator 14 V, 90 Amp
 Replacing: 2541998, 2542282, 2542282C,
 A13VI223, SG9B024
 Servicing: VW, Skoda, Seat
 Pulley SP, Grooves 6, B+ M8,
 Length 185.00
 A: 39.50 B: 14.10 C: 61.40 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



112287 Alternator 14 V, 70 Amp

Replacing: 2541725, 2541725A, 2541725B, 2541725H, A11VI45

Servicing: Citroen, Peugeot, Rover

Pulley SP, Grooves 5, B+ M8, Length 173.00

A: 52.10 B: 26.00 C: 56.00 mm



112292 Alternator 14 V, 70 Amp

Replacing: 2541459, 2541710, 2541710B, 2541735, 2541854, 2541854A, A11VI25, A11VI40, A11VI51, A11VI72

Servicing: Citroen, Fiat, Peugeot, Suzuki

Pulley SP, Grooves 6, B+ M8, Length 173.00

A: 42.00 B: 27.20 C: 65.00 mm



112298 Alternator 14 V, 80 Amp

Replacing: 2541703, 2541703B, 2541950, 2541950B, 2542417, 2542880, 2542880A, A13VI189, A13VI280, A13VI81

Servicing: Citroen, Fiat, Peugeot

Pulley SP, Grooves 6, B+ M8, Length 179.00

A: 42.00 B: 26.10 C: 66.70 mm



112299 Alternator 14 V, 95 Amp

Replacing: 2541665, 2541665B, 2541665C, 2541951, 2541951A, 2541951C, 2542418, 2542418A, A13VI191, A13VI281

Servicing: Peugeot, Citroen, Fiat

Pulley SP, Grooves 6, B+ M8, Length 182.00

A: 43.00 B: 27.00 C: 67.00 mm



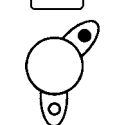
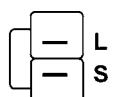
112327 Alternator 14 V, 100 Amp

Replacing: AB195126

Servicing: Mitsubishi, Hyundai, Kia, Volvo

Pulley SP, Grooves 4, B+ M8, Length 179.00

A: 38.45 B: 13.00 C: 66.50 mm



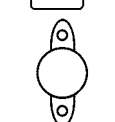
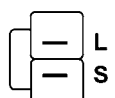
112333 Alternator 14 V, 110 Amp

Replacing: AF111364, TA000A57301

Servicing: Hyundai

Pulley DP, Grooves 2, B+ M8, Length 233.00

A: 42.20 B: 13.00 C: 55.00 mm



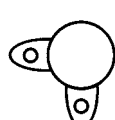
112334 Alternator 14 V, 75 Amp

Replacing: AF185452

Servicing: Kia

Pulley SP, Grooves 5, B+ M8, Length 234.50

A: 46.00 B: 13.00 C: 80.00 mm



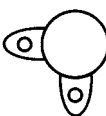
112396 Alternator 14 V, 90 Amp

Replacing: 2542239, 2542239B, 2542507, SG9B017, SG9B042

Servicing: Audi, VW

Pulley SP/FW, Grooves 5, B+ M8, Length 174.00

A: 30.00 B: 14.00 C: 60.85 mm



112397 Alternator 14 V, 120 Amp

Replacing: 2542234, 2542234A, 2542508, 2542508A, 2542508C, 2542508D, 2542508E, 2542508F, SG12B012, SG12B049

Servicing: Audi, Skoda, VW

Pulley SP/FW, Grooves 5, B+ M8, Length 188.00

A: 29.85 B: 14.10 C: 61.00 mm



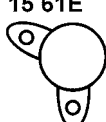
112399 Alternator 14 V, 90 Amp

Replacing: 2542225, 2542225A, 2542225B, SG9B010, SG9B011, SG9B027

Servicing: Audi, VW, Skoda

Pulley SP, Grooves 5, B+ M8, Length 163.50

A: 34.65 B: 14.00 C: 82.50 mm



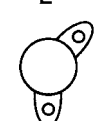
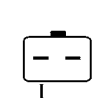
112413 Alternator 14 V, 90 Amp

Replacing: 2541961, 2541961A, 2542515, 2542515A, A13VI190, A13VI200, A13VI286

Servicing: BMW

Pulley SP, Grooves 6, B+ M8, Length 206.00

A: 47.00 B: 20.00 C: 74.00 mm



112458 Alternator 14 V, 120 Amp

Replacing: 2542326, 2542326B, 2542466, 2542466A, 2542466B, 2542466C, 2542466D, 2542495, 2542495A, 2542551

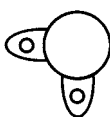
Servicing: Renault, Volvo

Terminal W, Pulley SP/FW, Grooves 6, B+ M8, Length 174.00

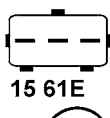
A: 46.50 B: 27.50 C: 66.50 mm



112460 Alternator 14 V, 150 Amp
Replacing: 2542228, 2542228A, 2542228B, 2542228C, 2542531, 2542556, 2542556A, 2542681, 2542681A, 2542684A
Servicing: Citroen, Lancia, Peugeot, Fiat
Pulley SP, Grooves 6, B+ M8, Length 177.00
A: 43.60 B: 22.00 C: 45.60 mm



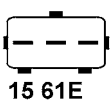
112461 Alternator 14 V, 150 Amp
Replacing: 2541251, 2541251B, 2542351, 2542351A, 2542351B, 2542500, 2542500A, 2542500A, 2542564, 2542564A
Servicing: Alfa Romeo, Citroen, Fiat, Peugeot, Suzuki, Lancia
Pulley SP/FW, Grooves 6, B+ M8, Length 188.00
A: 43.50 B: 22.00 C: 45.00 mm



112462 Alternator 14 V, 120 Amp
Replacing: 2542251, 2542251A, 2542251B, A14VI28
Servicing: BMW, Land Rover, MG
Pulley SP, Grooves 5, B+ M8, Length 190.50
A: 60.00 B: 27.85 C: 75.00 mm



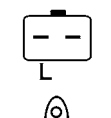
112467 Alternator 14 V, 90 Amp
Replacing: 2541863, 2542375, A13VI142, A13VI273
Servicing: Citroen, Peugeot
Pulley SP, Grooves 5, B+ M8, Length 173.00
A: 52.50 B: 26.60 C: 56.70 mm



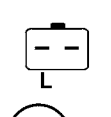
112468 Alternator 14 V, 150 Amp
Replacing: 2542264, 2542264B, 2542264D, 2542662, 2542662B, 2542686, 2542686B, 2542812, 2542812A, 2542824
Servicing: BMW, Opel, Vauxhall
Pulley SP, Grooves 5, B+ M8, Length 190.00
A: 60.70 B: 27.80 C: 75.00 mm



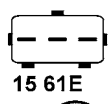
112469 Alternator 14 V, 90 Amp
Replacing: 2542297, 2542297A, 2542297B, 2542397, 2542397B, 2542490, 2542490A, 2543215, 2543215A, A13VI242
Servicing: Citroen, Peugeot, FiatToyota
Pulley SP/FW, Grooves 6, B+ M8, Length 180.00
A: 42.50 B: 22.20 C: 45.60 mm



112470 Alternator 14 V, 110 Amp
Replacing: 2542302A, 2542327, 2542327B, A13VI238, A13VI253
Servicing: Renault
Terminal W, Pulley SP, Grooves 6, B+ M8, Length 181.50
A: 47.00 B: 26.50 C: 66.50 mm



112471 Alternator 14 V, 125 Amp
Replacing: 2542272, 2542272A, 2542272B, 2542272C, 2542272E, 2542393, 2542393A, 2542393D, 2542653, 2542653A
Servicing: Opel, Nissan, Renault, Vauxhall, VolvoMitsubishi
Pulley SP/FW, Grooves 6, B+ M8, Length 179.00
A: 32.50 B: 13.50 C: 60.90 mm




112472 Alternator 14 V, 100 Amp
Replacing: 2542265, 2542265A, 2542265B, 2542797, 2542797A, 2542797B, A13VI234, SG12B080
Servicing: BMW, Land Rover, MG, Rover
Pulley SP, Grooves 5, Fan IF, B+ M8, Length 185.00, Insulated return No
A: 61.00 B: 28.00 C: 75.40 mm



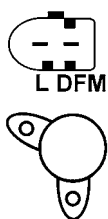
112480 Alternator 14 V, 90 Amp
Replacing: 2541971, 2541971B, 2542489, 2542489A, A13VI204, SG10B021
Servicing: Citroen, Fiat, Lancia. Peugeot
Pulley SP, Grooves 6, B+ M8, Length 174.00
A: 42.00 B: 22.00 C: 46.00 mm



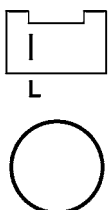
112529 Alternator 14 V, 90 Amp
Replacing: 2541775, 2541775A, 2541775B, 2541838, 2541838A, 2541919, 2541919B, 2541959, A13VI134, A13VI175
Servicing: John Deere, Mercedes-Benz, Dae-woo, Ssangyong
Terminal W, Pulley SP, Grooves 6, B+ M8, Length 190.00
Alternative no.: 116129 
A: 92.00 B: 56.10 mm



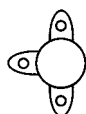
112530 Alternator 14 V, 120 Amp
Replacing: TA000A33001
Servicing: Daewoo, Mercedes-Benz, Ssangyong
Pulley SP, Grooves 6, B+ M8, Length 201.00
A: 92.50 B: 56.10 mm



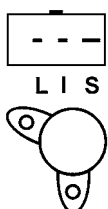
112535 Alternator 14 V, 120 Amp
 Replacing: 2542345, 2542345C, SG12B027
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8, Length 192.90
 A: 91.95 B: 56.00 mm



112548 Alternator 14 V, 60 Amp
 Manufacturer: Valeo
 Replacing: A13N271
 Servicing: KHDAtlas Copco, Bomag, Ingersoll-Rand, John Deere, Terex, Thwaites
 Terminal W, Pulley w/o, B+ M6, Length 174.00
 Alternative no.: 116360



112557 Alternator 14 V, 120 Amp
 Replacing: 2541609, 2541809, 2541809A, 2541880, 2541880B, 2541880C, A13VI118, A13VI152
 Servicing: Volvo, Renault
 Pulley SP, Grooves 6, B+ M8, Length 180.00
 A: 47.80 B: 21.00 C: 55.50 mm



112578 Alternator 14 V, 75 Amp
 Replacing: 437798
 Servicing: Daewoo, Ssangyong
 Pulley SP, Grooves 6, B+ M8, Length 165.00
 A: 93.00 B: 56.00 mm



112648 Alternator 14 V, 70 Amp
 Replacing: 2542305, 2542398, 2542398B, A11VI102, A11VI108
 Servicing: Citroen, Peugeot
 Pulley SP, Grooves 5, B+ M8, Length 173.00
 A: 75.00 B: 56.00 mm



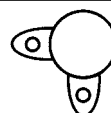
112657 Alternator 28 V, 60 Amp
 Replacing: 21EA00040, 390086
 Servicing: Various Industrial applications
 Pulley SP, Grooves 8, B+ M6, Length 206.00
One wire hookup(self-exciting) type.
 A: 42.75 B: 14.85 C: 101.00 mm



112679 Alternator 14 V, 110 Amp
 Replacing: 2541610, 2541610G, 2541887, 2541903, 2541903A, 2541906, 2541906A, 2541906B, 2541982, 2541982A
 Servicing: Renault, Volvo
 Terminal W, Pulley SP, Grooves 6, B+ M6, Length 190.00
 A: 46.50 B: 27.70 C: 66.30 mm



112681 Alternator 14 V, 80 Amp
 Replacing: 2541678, 2541678B, 2541678C, A13VI72
 Servicing: Fiat, Citroen
 Pulley SP, Grooves 6, B+ M8, Length 190.00
 A: 52.00 B: 27.00 C: 69.00 mm



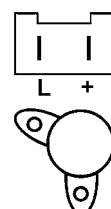
112687 Alternator 14 V, 80 Amp
 Replacing: 2541494, 2541494A, A13VI54
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8, Length 236.00
 A: 69.00 B: 28.00 C: 76.50 mm



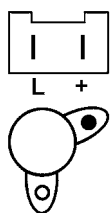
112688 Alternator 14 V, 95 Amp
 Replacing: 2541758, 2541758A, 2541758B, 2542254, 2542254A, 2542352, 2542358, 2542358A, 2542376, 2542376A
 Servicing: Alfa Romeo, Citroen, Peugeot, Lancia, Fiat
 Pulley SP, Grooves 6, B+ M8, Length 175.00
 A: 92.50 B: 55.80 mm



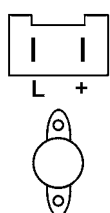
112703 Alternator 14 V, 120 Amp
 Replacing: 2541760, 2541760B, A14VI13
 Servicing: Citroen, Peugeot, Fiat
 Pulley SP, Grooves 6, B+ M8, Length 180.00
 A: 92.00 B: 56.00 mm



112728 Alternator 14 V, 55 Amp
 Replacing: 2541465, A13N104
 Servicing: Renault
 Pulley P, Grooves 1, B+ M6, Length 176.00
 A: 102.00 B: 56.00 mm



112756 Alternator 14 V, 60 Amp
 Replacing: 2541117, 2541257, A13N157
 Servicing: Renault
 Pulley P, Grooves 1, B+ M6,
 Length 160.00
 A: 56.00 B: 27.00 C: 65.00 mm



112769 Alternator 14 V, 60 Amp
 Replacing: 2541313, 2541328, A13N161,
 A13N206, A13N209
 Servicing: Renault
 Pulley SP, Grooves 6, B+ M6, Length 166.00
 A: 46.50 B: 26.80 C: 70.00 mm



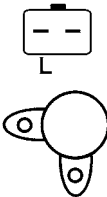
112772 Alternator 14 V, 120 Amp
 Replacing: 2541711, 2541711B, 2541711C,
 2542262, 2542262A, 2542267, A14V110,
 A14V130, A14V131
 Servicing: Fiat, Peugeot, Citroen, Lancia
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 175.50
 A: 42.50 B: 26.70 C: 66.80 mm



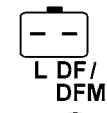
112782 Alternator 14 V, 80 Amp
 Replacing: 2541447, 2541447A, 2541724,
 2541767, 2541767A, 2541767C, A13VI27,
 A13VI46, A13VI83, A13VI96
 Servicing: Citroen, Peugeot
 Pulley SP, Grooves 5, B+ M8,
 Length 179.00
 A: 75.00 B: 56.00 mm



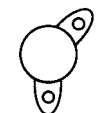
112800 Alternator 14 V, 95 Amp
 Replacing: 2541321, 2541321E, 2541321F,
 2541321H, A13VI18
 Servicing: BMW, Mercedes-Benz
 Pulley SP, Grooves 5, B+ M8,
 Length 182.00
 A: 77.50 B: 56.00 mm



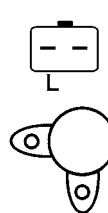
113245 Alternator 14 V, 125 Amp
 Replacing: 2542640, 2542722, 2542722A,
 2542722B, 2542722C, 2543338, 2543338A,
 2543386, 2543557, 2543557A
 Servicing: Renault, Opel, Vauxhall, Nissan
 Pulley SP, Grooves 6, B+ M8,
 Length 172.00
 A: 33.00 B: 13.90 C: 60.70 mm



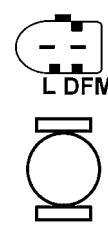
113246 Alternator 14 V, 90 Amp
 Replacing: 2542427, 2542427A, 2542428,
 2542429, 2542485, 2542485A, 2542488,
 2542491, 2542491A, 2542794
 Servicing: Citroen, Peugeot
 Pulley SP, Grooves 6, B+ M8, Length 179.00
 A: 42.50 B: 22.00 C: 45.40 mm



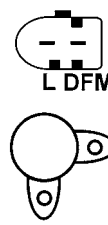
113247 Alternator 14 V, 120 Amp
 Replacing: 2542441, 2542441A, 2542441C,
 2542441D, SG12B040
 Servicing: Peugeot, Fiat, Citroen
 Pulley SP, Grooves 6, B+ M8,
 Length 178.00
 A: 52.00 B: 27.00 C: 68.50 mm



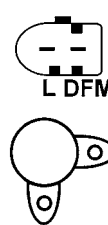
113248 Alternator 14 V, 120 Amp
 Replacing: 2542523, 2542523C, 2542523F,
 2543340, 2543340A, 2543387, 2543387A,
 2543441, 2543441A, SG12B050
 Servicing: Volvo, Renault, Opel, Vauxhall, Nissan
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 190.00
 A: 36.00 B: 14.00 C: 60.75 mm



113251 Alternator 14 V, 150 Amp
 Replacing: 2542524, 2542524A, 2542771,
 2542771B, 2542771D, SG15L012, SG15L026
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 5, B+ M8
 Water cooled.
 A: 30.00 B: 151.50 C: 43.00 mm



113252 Alternator 14 V, 140 Amp
 Replacing: 2542496, 2542496B, 2542496C,
 SG14B011
 Servicing: VW, Audi, Skoda
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 180.00
 A: 29.00 B: 14.00 C: 61.00 mm



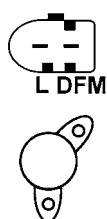
113253 Alternator 14 V, 90 Amp
 Replacing: 2542577, 2542577C, 2542578,
 2542578C, 2542746, 2542746A, 2542746B,
 2542746E, 2542747, 2542747A
 Servicing: VW, Skoda, Seat
 Pulley SP, Grooves 6, B+ M8,
 Length 170.00
 A: 30.00 B: 14.00 C: 60.80 mm



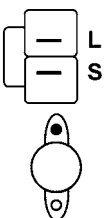
113283 Alternator 14 V, 120 Amp
 Replacing: 2542295, 2542295A, SG12B018
 Servicing: Audi, Skoda, VW
 Pulley SP, Grooves 5, B+ M8,
 Length 181.50
 A: 34.25 B: 14.00 C: 82.00 mm



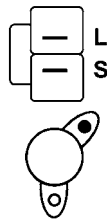
113300 Alternator 14 V, 120 Amp
 Replacing: 2542317, 2542317A, 2542317C,
 SG12B021
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8,
 Length 193.00
 A: 92.00 B: 56.00 mm



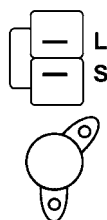
113302 Alternator 14 V, 120 Amp
 Replacing: 2542319, 2542319D, 2542319E,
 2542572, 2542572A, SG12B023, SG12B060
 Servicing: Mercedes-Benz, Chrysler
 Pulley SP, Grooves 6, B+ M8,
 Length 184.50
 A: 82.00 B: 56.00 mm



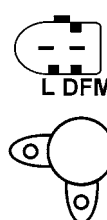
113317 Alternator 14 V, 80 Amp
 Replacing: A0002655221
 Servicing: Nissan
 Pulley SP, Grooves 6, B+ M8,
 Length 180.50
 A: 38.20 B: 13.00 C: 80.90 mm



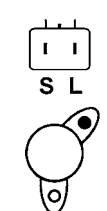
113330 Alternator 14 V, 75 Amp
 Replacing: AF175363, AF175476,
 TA000A57401
 Servicing: Hyundai, Kia
 Pulley DP, Grooves 2, B+ M8,
 Length 226.00
 A: 42.00 B: 13.10 C: 55.00 mm



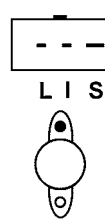
113331 Alternator 14 V, 110 Amp
 Replacing: 2655721, AF111225, AF111390,
 TA000A56901, TA000A61201
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 239.50
 A: 46.50 B: 13.00 C: 80.80 mm



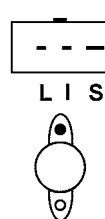
113340 Alternator 14 V, 70 Amp
 Replacing: 2542244, SG8B027
 Servicing: VW, Audi, Skoda, Seat
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 192.50
 A: 39.00 B: 14.00 C: 62.00 mm



113343 Alternator 14 V, 65 Amp
 Replacing: AD165206, AD165439,
 AD165440, AD165444, AD165454, AD165471,
 TA000A58201
 Servicing: Hyundai
 Pulley P, Grooves 1, B+ M6,
 Length 224.00
 A: 44.50 B: 13.00 C: 54.70 mm



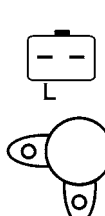
113349 Alternator 14 V, 85 Amp
 Replacing: 219138, 219202
 Servicing: Daewoo
 Pulley SP, Grooves 6, B+ M8,
 Length 183.50
 A: 36.00 B: 13.00 C: 81.50 mm



113350 Alternator 14 V, 85 Amp
 Replacing: 219139
 Servicing: Daewoo, Chevrolet
 Pulley SP, Grooves 5, B+ M8,
 Length 179.00
 A: 36.00 B: 13.20 C: 81.30 mm



113382 Alternator 14 V, 60 Amp
 Replacing: A13N285, A13N285M
 Servicing: Volvo Penta
 Terminal W, Pulley w/o, B+ M6,
 Length 173.00, Insulated return Yes
 B: 50.50 mm



113403 Alternator 14 V, 75 Amp
 Replacing: 2542464, 2542464A, 2542540,
 2542540C, 2542540D, 2543550, 2543550A,
 A11V1110, SG7S012, SG7S070
 Servicing: Renault, Nissan
 Pulley SP, Grooves 3, B+ M8,
 Length 160.00
 A: 53.50 B: 27.00 C: 66.50 mm



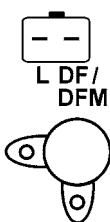
113404 Alternator 14 V, 90 Amp

Replacing: 2542307, 2542344, 2542344A, 2542399, 2542399B, 2542400, 2542525, 2542525A, A13VI246, A13VI256

Servicing: Citroen, Peugeot

Pulley SP, Grooves 5, B+ M8

A: 75.00 B: 56.30 mm



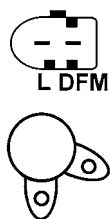
113405 Alternator 14 V, 70 Amp

Replacing: 2542285, 2542285A, 2542394, 2542394B, 2542484, 2542484A, 2542920, 2542920A, 2543521, 2543521A

Servicing: Peugeot, Citroen, Peugeot

Terminal DF, Pulley SP, Grooves 6, B+ M8, Length 170.00

A: 42.50 B: 22.00 C: 45.50 mm



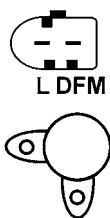
113406 Alternator 14 V, 90 Amp

Replacing: 2542294, 2542294A, A13VI241

Servicing: VW

Terminal W, Pulley SP, Grooves 6, B+ M8, Length 187.00

A: 39.50 B: 14.00 C: 61.00 mm



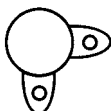
113407 Alternator 14 V, 150 Amp

Replacing: 2542343, 2542343A, 2542343B, 2542538, 2542538A, 2542538C, 2542602, 2542602A, 2542602C, 2542605

Servicing: BMW

Pulley SP, Grooves 5, B+ M8, Length 192.00

A: 61.00 B: 27.90 C: 75.10 mm



113471 Alternator 14 V, 65 Amp

Replacing: A13E63

Servicing: Fiat, Lancia

Pulley SP, Grooves 4, B+ M6, Length 162.00

A: 54.50 B: 32.00 mm



113477 Alternator 28 V, 55 Amp

Replacing: 2181991, 2181991C, 2541168, A14N100, A14N100M, A14N112M, A14N119M, A14N137M, A14N47M, A14N81M

Servicing: Volvo BM, Ford, DAF, Volvo Penta

Terminal W, Pulley w/o, B+ M6, Length 184.00, Insulated return Yes

B: 50.80 mm



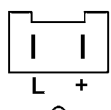
113485 Alternator 14 V, 80 Amp

Replacing: 2541759, 2542253, 2542357, A13VI230, A13VI260, A13VI95

Servicing: Citroen, Peugeot, Fiat, Suzuki, Lancia

Pulley SP, Grooves 6, B+ M8, Length 166.00

A: 92.00 B: 56.00 mm



113500 Alternator 14 V, 70 Amp

Replacing: 2541124, A13N163, A13N164

Servicing: Renault

Terminal W, Pulley SP, Grooves 6, B+ M6, Length 165.00

A: 46.50 B: 27.00 C: 65.60 mm



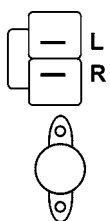
113503 Alternator 14 V, 120 Amp

Replacing: 2542547, SG12S055

Servicing: Citroen, Peugeot, Fiat, Lancia

Pulley SP, Grooves 6, B+ M8, Length 177.00

A: 43.00 B: 22.20 C: 45.00 mm



113506 Alternator 28 V, 40 Amp

Replacing: TA000A64401

Servicing: Mitsubishi

Terminal W, Pulley DP, Grooves 2, B+ M8, Length 185.00

A: 43.00 B: 13.10 C: 81.60 mm



113510 Alternator 14 V, 140 Amp

Replacing: 2542402, 2542402B, 2542497, 2542497A, 2542497B, 2542497C, 2542587, 2542587B, A14VI36, SG14B012

Servicing: Audi, VW, Skoda

Pulley SP, Grooves 6, B+ M8, Length 181.00

A: 30.00 B: 14.10 C: 82.00 mm



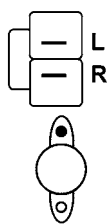
113517 Alternator 14 V, 110 Amp

Replacing: AB195141, TA000A44301

Servicing: Hyundai

Pulley SP, Grooves 4, B+ M8, Length 176.50

A: 38.25 B: 13.00 C: 66.50 mm


113518 Alternator 14 V, 60 Amp

Replasing: AB160108, TA000A17301

Servicing: Hyundai

Pulley SP, Grooves 4, B+ M8,
Length 171.00

A: 38.00 B: 13.10 C: 48.30 mm


113519 Alternator 14 V, 90 Amp

Replasing: AF175207, AF175362, AF175385,
AF190216, AF190217, TA000A58602

Servicing: Hyundai, Mitsubishi

Pulley DP, Grooves 2, B+ M6,
Length 223.00

A: 42.00 B: 13.00 C: 54.90 mm

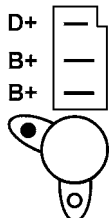

113529 Alternator 14 V, 120 Amp

Replasing: SG10B071

Servicing: Ford, New Holland

Terminal W, Pulley SP, Grooves 8,
B+ M6, Length 204.40

A: 33.00 B: 14.10 C: 83.30 mm


113574 Alternator 14 V, 65 Amp

Replasing: NA066

Servicing: Case, Valmet, Ford, New Holland,
Valtra

Terminal W, Pulley P, Grooves 1,
B+ Plug, Length 177.50

A: 36.85 B: 10.40 C: 83.00 mm

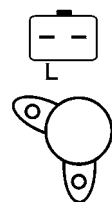

113575 Alternator 14 V, 80 Amp

Replasing: 2542286, 2542286A, 2542396,
2542396A, 2542396B, 2542487, 2542487A,
2542528, 2542793, 2542793A

Servicing: Peugeot, Citroen, Fiat

Pulley SP, Grooves 6, B+ M8,
Length 162.00

A: 42.00 B: 22.00 C: 45.00 mm

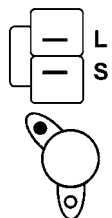

113577 Alternator 14 V, 75 Amp

Replasing: 2542252, 2542252A, 2542480,
2542480A, A11VI111, A11VI98, SG7S028,
SG7S074

Servicing: Renault

Pulley SP, Grooves 4, B+ M8,
Length 169.00

A: 46.15 B: 27.00 C: 64.70 mm


113600 Alternator 14 V, 90 Amp

Replasing: TA000A48401, TA000A48402

Servicing: Bobcat, Atlas Copco, Bomag, Doosan,
Hitachi, Hyster, Kubota, Massey Ferguson, Mitsubishi

Pulley P, Grooves 1, B+ M8, Length 173.00

A: 37.50 B: 13.00 C: 57.70 mm

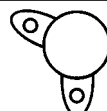

113603 Alternator 14 V, 80 Amp

Replasing: 2541970, 2541970A, 2542486,
2542486A, A13VI203, SG8B020

Servicing: Citroen, Fiat, Peugeot

Pulley SP, Grooves 6, Fan IF, B+ M8,
Length 172.00

A: 42.00 B: 22.00 C: 46.00 mm


113604 Alternator 14 V, 95 Amp

Replasing: 2541784, 2541784A, 2541784B,
2542256, 2542356, 2542356A, A13VI101,
A13VI233, A13VI263

Servicing: Citroen, Peugeot, Fiat, Lancia

Pulley SP, Grooves 6, B+ M8,
Length 175.50

A: 92.70 B: 56.00 mm

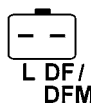

113633 Alternator 14 V, 55 Amp

Replasing: A000B0341, M39590

Servicing: Crusader, Various

Pulley P, Grooves 1, B+ 1/4" UNC,
Length 168.00

A: 56.00 B: 27.40 mm

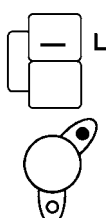

113640 Alternator 14 V, 150 Amp

Replasing: 2542615, 2542615A, 2542619,
2542619A, 2542693, 2542693A, 2542725,
2542725A, 2542832, 2542832A

Servicing: Fiat, Peugeot, Citroen, Lancia

Pulley SP/FW, Grooves 6, B+ M8,
Length 177.50

A: 42.50 B: 21.20 C: 45.80 mm


113652 Alternator 14 V, 110 Amp

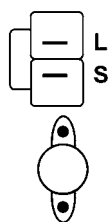
Replasing: 2655516, A000265516,
A000265516, AB1950116, AB1950133,
AB195116, AB195133, TA000A34501

Servicing: Hyundai, Kia

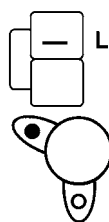
Pulley SP, Grooves 6, B+ M8,
Length 184.50

HC-CARGO 114522 95 A.

A: 43.30 B: 23.15 C: 44.40 mm



113656 Alternator 14 V, 80 Amp
 Replacing: AB180140, TA000A28801
 Servicing: Kia
 Pulley SP, Grooves 4, B+ M6, Length 154.00
 A: 37.50 B: 13.20 C: 66.90 mm



113657 Alternator 14 V, 90 Amp
 Replacing: 2455023, A0002655023, AB190147, TG9S018
 Servicing: Hyundai, Kia
 Pulley SP, Grooves 4, B+ M8, Length 174.00
 A: 34.60 B: 13.10 C: 55.20 mm



113720 Alternator 14 V, 75 Amp
 Manufacturer: Valeo
 Replacing: 2542841, 2542841A, 2542841B, 2542850, 2542850A, 2542850C, 2542883, 2543480, 2543480A, 2543481
 Servicing: Fiat, Opel, Suzuki, Vauxhall, Lancia
 Pulley SP/FW, Grooves 6, B+ M8, Length 184.00
 Alternative no.: 116064
 A: 41.50 B: 64.00 C: 55.00 mm



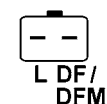
113721 Alternator 14 V, 75 Amp
 Manufacturer: Valeo
 Replacing: 2542671, 2542671A, 2542671B, 2543484, 2543484A, TG8S010, TG8S021
 Servicing: Fiat, Lancia
 Pulley SP, Grooves 6, B+ M8, Length 174.00
 Alternative no.: 116330
 A: 41.00 B: 64.40 C: 55.00 mm



113722 Alternator 14 V, 90 Amp
 Manufacturer: Valeo
 Replacing: 2542670, 2542670A, 2542670B, 2542851, 2542851A, 2542851B, 2542851C, 2542861, 2542861A, 2542884
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall, Alfa Romeo
 Pulley SP/FW, Grooves 6, B+ M8, Length 187.00
 Alternative no.: 115963
 A: 40.20 B: 64.15 C: 56.00 mm



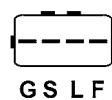
113751 Alternator 14 V, 120 Amp
 Replacing: 2542233, 2542233A, 2542233C, 2542324, 2542324A, 2542324D, 2542546, 2542546B, SG12B011, SG12B025
 Servicing: Audi, VW
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 165.00
 A: 30.00 B: 14.00 C: 82.00 mm



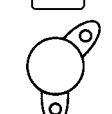
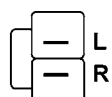
113755 Alternator 14 V, 150 Amp
 Replacing: 2542472, 2542472A, 2542557, 2542557A, 2542704, 2542704A, 2542925, 2542925A, 2543527, A14VI40
 Servicing: Citroen, Peugeot, Fiat, Lancia, Suzuki, Toyota
 Pulley SP, Grooves 6, B+ M8, Length 175.00
 A: 43.00 B: 21.00 C: 45.10 mm



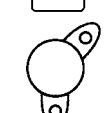
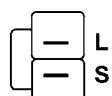
113758 Alternator 14 V, 120 Amp
 Replacing: 9AR2596, 9AR2621, 9AR2708
 Servicing: Audi, VW, Skoda
 Terminal DF, Pulley SP, Grooves 6, B+ M8, Length 188.00
 A: 30.00 B: 13.90 C: 81.70 mm



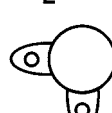
113782 Alternator 14 V, 110 Amp
 Replacing: MN158384
 Servicing: Mitsubishi
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 162.00
 A: 38.00 B: 13.00 C: 53.50 mm



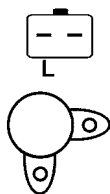
113791 Alternator 14 V, 70 Amp
 Replacing: 2655517, TA000A55601
 Servicing: Hyundai, Kia, Hyundai
 Pulley SP, Grooves 4, B+ M8, Length 169.00
 A: 38.50 B: 13.00 C: 48.00 mm



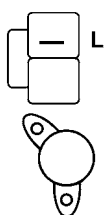
113792 Alternator 14 V, 110 Amp
 Replacing: AF111382, AF111393, TA000A48201, TA000A62401
 Servicing: Kia, Hyundai
 Pulley SP/FW, Grooves 7, B+ M8, Length 238.00
 A: 43.00 B: 16.00 C: 55.00 mm



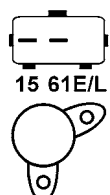
113835 Alternator 14 V, 120 Amp
 Replacing: 2542320, 2542320A, 2542320B, 2542320C, SG12B024
 Servicing: Mercedes, Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8, Length 181.00
 A: 82.40 B: 56.00 mm



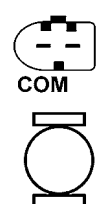
113862 5★ Alternator 14 V, 125 Amp
Manufacturer: Valeo
Replacing: 2542946, 2543378, 2543378C, 2607395, 2607395A, 2617345A, SG12B089, SG12B105, TG12C094, TG12C151
Servicing: Dacia, Nissan, Renault
Pulley SP/FW, Grooves 6, B+ M8, Length 188.60
Alternative no.: 116325
A: 38.35 **B:** 14.00 **C:** 61.00 mm



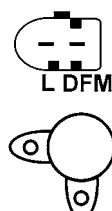
113863 5★ Alternator 14 V, 90 Amp
Manufacturer: Valeo
Replacing: 2606219, 2655103, A0002655103
Servicing: Hyundai, Kia
Pulley SP/FW, Grooves 5, B+ M8, Length 191.50
A: 32.50 **B:** 13.20 **C:** 51.00 mm



113868 Alternator 14 V, 95 Amp
Replacing: 2541770, 2541770A, A13VI97
Servicing: BMW
Pulley SP, Grooves 5, B+ M8
A: 77.50 **B:** 56.00 mm



113871 5★ Alternator 14 V, 150 Amp
Manufacturer: Bosch
Replacing: 2542609, 2542609A, 2542753, 2542753A, 2542753B, SG12B065, SG14B017
Servicing: BMW
Pulley SP/FW, Grooves 6, B+ M8, Length 193.50
Alternative no.: 115867
A: 29.60 **B:** 62.85 **C:** 41.65 mm



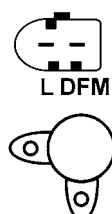
113874 Alternator 14 V, 110 Amp
Replacing: 2542696, 2542696C, TG11C014
Servicing: Skoda, VW, Seat
Pulley SP, Grooves 6, B+ M8, Length 187.00
A: 39.30 **B:** 14.15 **C:** 61.15 mm



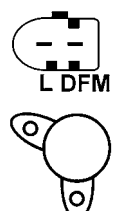
113877 5★ Alternator 14 V, 120 Amp
Manufacturer: Bosch
Replacing: 2542582, 2542582A, 2542582B, SG12B062
Servicing: Mercedes-Benz
Pulley SP/FW, Grooves 7, B+ M8, Length 197.50
Alternative no.: 116322
A: 30.50 **B:** 69.90 **C:** 56.55 mm



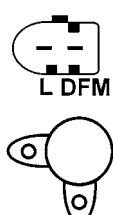
113879 Alternator 14 V, 100 Amp
Replacing: 2542545, 2542545A, SG7S020
Servicing: Opel, Vauxhall
Pulley SP, Grooves 6, B+ M8, Length 170.50
A: 50.50 **B:** 33.50 **C:** 59.10 mm



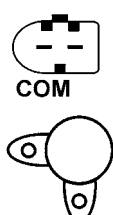
113881 Alternator 14 V, 150 Amp
Replacing: 2542326A, 2542672, 2542672B, 2542852, 2542852A, 2543236, 2543236A, 2543236B, TG15C012, TG15C038
Servicing: BMW, Land Rover
Pulley SP, Grooves 6, B+ M8, Length 185.25
A: 60.65 **B:** 27.95 **C:** 76.00 mm



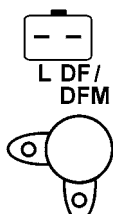
113882 Alternator 14 V, 120 Amp
Replacing: 2542232, 2542232A, 2542232D, 2542680, 2542680C, 2574347, SG12B010, SG12B074
Servicing: Audi, VW
Pulley SP/FW, Grooves 5, B+ M8, Length 181.50
A: 34.40 **B:** 14.00 **C:** 82.60 mm



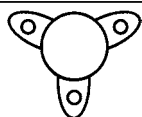
113887 Alternator 14 V, 90 Amp
Replacing: 2542260, 2542260A, 2542650, 2542650A, SG9B018, SG9B055
Servicing: Audi, VW, Skoda
Pulley SP, Grooves 6, B+ M8
A: 40.00 **B:** 14.00 **C:** 61.00 mm



113896 5★ Alternator 14 V, 170 Amp
Manufacturer: Valeo
Replacing: 2542611, 2542611A, 2542611B, 2542613, 2542613C, 2543304, 2543304A, TG17C010, TG17C010B, TG17C011
Servicing: BMW
Pulley SP, Grooves 6, B+ M8, Length 185.50
Alternative no.: 116158
A: 60.50 **B:** 27.90 **C:** 75.90 mm



113919 Alternator 14 V, 125 Amp
Replacing: 2542554, 2542554D, 2542817, 2542817B, 2543337, 2543337A, 2543385, SG12B052, SG12B081, SG12B098
Servicing: Nissan, Renault
Pulley SP, Grooves 7, B+ M8, Length 175.00
A: 32.50 **B:** 14.20 **C:** 60.70 mm

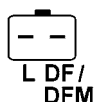


113920 Alternator 28 V, 35 Amp

Replacing: 2541476, A13N23, A13N236, A13N236M

Servicing: Ford, MAN, Mercedes-Benz, Nissan, Padane

Terminal W, Pulley w/o, B+ M8, Length 176.00
B: 80.40 mm



113940 5★ Alternator 14 V, 110 Amp

Manufacturer: Valeo

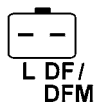
Replacing: 2542664, 2542664A, 2542664B, 2542664C, 2542664D, 2542945, 2542945B, 2543560, 2543562, 2543562A

Servicing: Dacia, Nissan, Renault

Pulley w/o, B+ M8, Length 174.00

Alternative no.: 116048

B: 14.00 C: 60.00 mm



113946 Alternator 14 V, 90 Amp

Replacing: 2542928, 2542928A, 2542938, 2542938A, 2543210, 2543210A, 2543522, 2543522A, 2543524, 2543524A

Servicing: Citroen, Fiat, Peugeot

Pulley SP/FW, Grooves 6, B+ M8, Length 150.40

A: 42.50 B: 21.70 C: 45.90 mm



113948 Alternator 14 V, 150 Amp

Replacing: 2542705, 2542705A, 2542839, 2542839A, SG15S031, TG15C023

Servicing: Citroen, Peugeot

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 170.00

A: 42.00 B: 21.50 C: 45.40 mm



113950 Alternator 14 V, 90 Amp

Replacing: 2542708, 2542708A, 2542708B, SG9B054

Servicing: Citroen, Fiat, Peugeot

Pulley SP, Grooves 6, B+ M8, Length 179.00

A: 52.50 B: 26.40 C: 66.90 mm



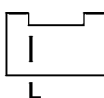
113961 Alternator 14 V, 120 Amp

Replacing: 2542300, 2542300A, A13VI243

Servicing: Massey Ferguson

Terminal W, Pulley DP, Grooves 2, B+ M6, Length 188.00

A: 29.00 B: 14.30 C: 83.00 mm

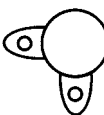


113991 Alternator 14 V, 80 Amp

Replacing: A13N273

Servicing: Agco Allis, Atlas Copco, Bomag, Case, Fendt, Ingersoll-Rand, JCB, KHD, Liebherr, Terex, Thwaites

Terminal W, Pulley w/o, B+ M6



NEW PRODUCT
www.hc-cargo.com

113992 Alternator 14 V, 140 Amp

Replacing: 2542596, 2542695, 2542695A, 2542695B, 2542695C, 2542695D, 2542695F, 2542695G, 2542898, 2543282

Servicing: Audi, Mitsubishi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 178.00

A: 39.00 B: 14.60 C: 61.30 mm



NEW PRODUCT
www.hc-cargo.com

113994* Alternator 14 V, 155 Amp

Replacing: 2542637, 2542637B, 2542819, 2542819B, 2542819C, 2543343, 2543343A, 2543596, 2543596A, 2543596B

Servicing: Renault

Pulley SP, Grooves 7

Water cooled.



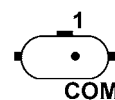
114026 Alternator 14 V, 80 Amp

Replacing: 2541360, 2541738, 2541738B, 2541738C, A13VI31, A13VI85

Servicing: Citroen, Peugeot

Pulley SP, Grooves 6, B+ M8

A: 42.00 B: 27.00 C: 66.50 mm



114039 5★ Alternator 14 V, 120 Amp

Manufacturer: Valeo

Replacing: 2543205, 2543205A, 2543559, 2543559A, SG12B092, SG12B124

Servicing: Renault

Pulley SP, Grooves 7, B+ M8, Length 180.00

A: 33.00 B: 13.70 C: 60.27 mm



114042 5★ Alternator 14 V, 180 Amp

Manufacturer: Valeo

Replacing: 2542969, 2542969C, 2542989, 2542989A, 2543289, 2543289A, 2608993, 2608993A, FG18S056, FGN18S056

Servicing: Jeep, Mercedes-Benz

Pulley SP/FW, Grooves 7, B+ M8, Length 187.00

Can also be supplied w/ 1 plug (PLUG125).

Alternative no.: 116113

A: 31.00 B: 70.00 mm



114077 5★ Alternator 28 V, 40 Amp

Manufacturer: Mahle Letrika

Replacing: A13N190, A13N257, A13N272

Servicing: Agco Allis, Atlas Copco, Bomag, Case, Fendt, Ingersoll-Rand, JCB, John Deere, KHD, Liebherr, Terex

Terminal W, Pulley w/o, B+ M6, Length 163.00

Dust proof.



114082 5★ Alternator 14 V, 180 Amp

Manufacturer: Valeo

Replacing: 2543538, 2543538A, 2617194A, FG18S022, FG18S108

Servicing: Citroen, Fiat, Iveco, Peugeot

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 184.00

Alternative no.: 116043

A: 38.00 B: 14.00 C: 81.00 mm



114084 Alternator 14 V, 70 Amp

Replacing: 2541671, A13N260, A13N291

Servicing: Carrier Transicold

Pulley P, Grooves 1, Fan EF, B+ M6, Length 174.00

A: 60.00 B: 40.00 mm



114102 5★ Alternator 14 V, 180 Amp

Manufacturer: Valeo

Replacing: 2543248, 2543248A, 2543498, 2543498A, 2543498B, TG17C041, TG17C061

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 200.00

Alternative no.: 116068

A: 30.00 B: 70.00 C: 56.00 mm



114109 Alternator 14 V, 180 Amp

Replacing: 2605717, 2605717A, FG18T033

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8,

Length 190.00

A: 39.00 B: 14.50 C: 60.60 mm



114114 Alternator 14 V, 65 Amp

Replacing: 219235, AB165104, TA000A30601, TA000A52202

Servicing: Chevrolet, Daewoo

Pulley P, Grooves 1, Fan IF, B+ M6, Length 166.50

A: 42.00 B: 14.35 C: 66.00 mm



114128 Alternator 14 V, 150 Amp

Replacing: 2542565, 2542565A, 2542565B, 2613270, 2613270A, SG15S019, SG15S037

Servicing: Ford, Mazda

Pulley SP/FW, Grooves 6, Fan IF, B+ M8

A: 42.50 B: 21.00 C: 45.00 mm



114130 5★ Alternator 14 V, 150 Amp

Manufacturer: Valeo

Replacing: 2542772, 2542952, 2542952B, 2543363, 2543363A, 2543412, 2543570, 2543570B, 2543570C, 2543570Q

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 5, B+ M8, Length 183.00

Alternative no.: 116069

A: 30.00 B: 151.00 C: 42.00 mm



114189 Alternator 14 V, 180 Amp

Replacing: 2542785, 2542785A, 2542785B, 2543221, 2543221C, 2543221D, 2543293, 2543293A, TG17C021, TG17C021B

Servicing: BMW

Pulley SP, Grooves 6, B+ M8, Length 182.00

A: 57.00 B: 28.00 C: 75.00 mm



114219 Alternator 14 V, 50 Amp

Replacing: TA000A58101

Servicing: Daedong Kioti

Terminal W, Pulley P, Grooves 1, B+ M6, Length 151.00

A: 43.00 B: 15.00 C: 66.00 mm



114292 Alternator 14 V, 180 Amp

Replacing: 2543461, 2543461B, FG18S019

Servicing: BMW

Pulley SP, Grooves 6, B+ M8, Length 185.00

A: 57.00 B: 28.00 C: 75.00 mm



114293 Alternator 14 V, 80 Amp

Replacing: 2543488, 2543488A, 2543488B, TG8S024

Servicing: Nissan

Pulley SP, Grooves 4, Fan IF, B+ M8, Length 151.00

A: 45.50 B: 13.00 C: 67.00 mm



114306 Alternator 14 V, 180 Amp

Replacing: 2543539, 2543539A, 2617195A, FG18S023, FG18S109

Servicing: Fiat, Iveco

Pulley SP, Grooves 7, B+ M8, Length 180.00

A: 41.00 B: 14.00 C: 83.50 mm



114322 Alternator 14 V, 140 Amp

Replacing: 2543398A, 2543398B, 2715271A, TG14C020, TG14C078, TG14C097

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, Fan IF, B+ M8

A: 40.00 B: 14.00 C: 61.00 mm



114385 Alternator 14 V, 170 Amp

Replacing: 2543222, 2543222A, 2543222B, TG17C034

Servicing: BMW

Pulley SP, Grooves 6, B+ M8, Length 185.00

A: 55.50 B: 27.20 C: 75.50 mm



114406 Alternator 14 V, 115 Amp

Manufacturer: Valeo

Replacing: 2542956, 2542956A, 2543508, TG11C036, TG11C059

Servicing: Smart (MCC), Mitsubishi

Pulley SP/FW, Grooves 5, B+ M8, Length 186.00

A: 81.50 B: 46.20 mm



114408 Alternator 14 V, 180 Amp

Replacing: 2542784, 2542784A, 2542784B, 2542784C, TG17C020, TG17C022

Servicing: Audi, VW

Pulley SP, Grooves 6, B+ M8, Length 182.00

A: 30.00 B: 14.00 C: 60.80 mm



114450 Alternator 14 V, 120 Amp

Manufacturer: Mahle Letrika

Replacing: SG10B082

Servicing: Case, Iseki, Manitex, Manitou, Mitsubishi, New Holland, Terex

Terminal W, Pulley SP, Grooves 8, B+ M8

A: 55.00 B: 11.00 C: 52.00 mm



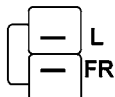
114451 Alternator 14 V, 105 Amp

Replacing: 2542729, 2543479, 2543479A, TG9S011, TG9S027, TG9S039

Servicing: Fiat, Lancia, Opel, Vauxhall

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 185.00

A: 41.00 B: 63.50 C: 55.00 mm



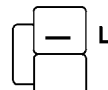
114467 Alternator 14 V, 90 Amp

Replacing: 2608339, 2655447

Servicing: Kia, Hyundai

Pulley SP, Grooves 6, B+ M8, Length 168.00

A: 33.00 B: 15.00 C: 50.50 mm



114495 Alternator 14 V, 120 Amp

Replacing: 2543370, 2543370A, 2606220, 2655475, A0002655475, TG12C033

Servicing: Hyundai, Kia

Pulley SP/FW, Grooves 5, Fan IF, B+ M8, Length 195.00

A: 33.00 B: 13.00 C: 50.85 mm



114509 Alternator 14 V, 150 Amp

Replacing: 2542966, 2542966B, 2542966D, 2542966E, 2542966F, 2542966G, TG15C058

Servicing: Hyundai, Nissan, Opel, Renault, Vauxhall

Pulley SP/FW, Grooves 7, B+ M8

A: 32.70 B: 14.00 C: 61.00 mm



114524# Alternator 14 V, 180 Amp

Manufacturer: Valeo

Replacing: 2542720, 2542720D, 2542720J, TG17C015

Servicing: BMW

Pulley SP/FW, Grooves 6, B+ M8

Alternative no.: 116295

A: 29.50 B: 62.50 C: 41.50 mm



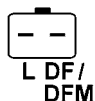
114664 Alternator 14 V, 75 Amp

Replacing: 2655300, 2655301, 425300, A0002655300, A0002655301

Servicing: Volvo Penta

Pulley SP, Grooves 6, B+ M8

A: 70.00 B: 51.00 mm



114673 Alternator 14 V, 120 Amp

Replacing: 2542470, 2542470D, 2542470E, 2542470G, 2543366, 2543366A, SG12B038, SG12B103

Servicing: Dacia, Nissan, Renault

Pulley SP/FW, Grooves 5, B+ M8, Length 168.00

A: 42.00 B: 14.00 C: 61.20 mm



114680 Alternator 14 V, 150 Amp

Replacing: 2542312, 2542312A, 2542849, SG15S010, SG15S032

Servicing: Citroen, Fiat, Peugeot

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 193.00

A: 53.20 B: 26.90 C: 65.70 mm



114684 Alternator 14 V, 120 Amp

Replacing: 2542388, A14VI37

Servicing: Fiat

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 203.00

A: 51.50 B: 26.50 C: 65.50 mm



114697 Alternator 14 V, 180 Amp

Replacing: FG18T062, FG18T102, FG18T115, FG18T116

Servicing: Skoda, VW

Pulley SP/FW, Grooves 6, B+ M8, Length 167.00

A: 39.50 B: 14.00 C: 61.00 mm



114699 Alternator 14 V, 115 Amp

Replacing: 2542774, 2542954, 2542954C, 2606301, 2606301A, TG11C021, TG11C035, TG11C074

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 5, B+ M8, Length 189.00

A: 29.80 B: 142.00 C: 41.70 mm



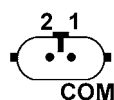
114720 Alternator 14 V, 150 Amp

Replacing: 2542769, 2543306, 2543306B, 2543306C, 2543306D, 2543390, 2543390A, TG15C027, TG15C073, TG15C093

Servicing: BMW

Pulley SP, Grooves 6, B+ M8, Length 180.00

A: 56.00 B: 28.00 C: 75.50 mm



114721 5★ Alternator 14 V, 150 Amp

Manufacturer: Bosch

Replacing: 2606272, 2606272A

Servicing: Renault

Pulley SP/FW, Grooves 6, B+ M8, Length 200.00

Alternative no.: 116323

A: 38.50 B: 14.00 C: 61.50 mm



114722 Alternator 14 V, 140 Amp

Replacing: 2542494, 2542494A, 2542739, 2542739A, 2542739B, 2543369, 2606237, 2606237A, SG14B010, SG14B016

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 191.00

A: 29.00 B: 70.00 C: 56.00 mm



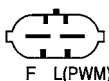
114724 Alternator 14 V, 150 Amp

Replacing: 2543428A, 2609244, 2612673B, TG15C103, TG15C152, TG15C169, TG15C183, TG15C186, TG15C234

Servicing: Ford, Mazda, Volvo

Pulley SP/FW, Grooves 6, B+ M8, Length 170.00

A: 42.90 B: 21.00 C: 46.50 mm



114727 Alternator 14 V, 130 Amp

Replacing: FG12S031, FGN12S065

Servicing: Chevrolet, Opel, Vauxhall

Pulley SP/FW, Grooves 6, B+ M8, Length 187.00

A: 55.00 B: 33.50 C: 61.00 mm



114757 5★ Alternator 14 V, 120 Amp

Manufacturer: Valeo

Replacing: 2542770, 2542770B, TG12C015, TG12C110

Servicing: Ford

Pulley SP/FW, Grooves 6, B+ M8, Length 174.00

Alternative no.: 116350*

A: 40.00 B: 55.50 C: 74.00 mm



114769 Alternator 14 V, 110 Amp

Replacing: 2542731, TG11C015

Servicing: Audi, Seat, Skoda, VW

Pulley SP, Grooves 6, B+ M8

A: 30.00 B: 14.00 C: 61.00 mm



114780# Alternator 14 V, 140 Amp
Manufacturer: Bosch
Replacing: 2543400, 2543400A, TG14C022, TG14C042
Servicing: Audi
Pulley SP/FW, Grooves 6, B+ M8, Length 183.00
Alternative no.: 116354
A: 30.00 **B:** 14.40 **C:** 61.40 mm



114781 Alternator 14 V, 110 Amp
Replacing: 2542749, 2542749A, 2542749B, 2542749C, SG11B010
Servicing: BMW
Pulley SP/FW, Grooves 6, B+ M8, Length 192.00
A: 30.50 **B:** 63.00 **C:** 41.00 mm



114805 Alternator 14 V, 150 Amp
Manufacturer: Valeo
Replacing: 2610695A, TG15C174, TG15C176
Servicing: Ford
Pulley SP/FW, Grooves 6, B+ M8, Length 190.00
Alternative no.: 116296
A: 42.50 **B:** 21.00 **C:** 45.00 mm



114811 Alternator 14 V, 120 Amp
Manufacturer: Valeo
Replacing: 2605106, 2605106A, 2605290, 2612380B, TG12C059, TG12C061, TG12C120
Servicing: Citroen, DS, Mini, Peugeot
Pulley SP/FW, Grooves 6, B+ M8
Alternative no.: 116311
A: 26.00 **B:** 80.50 **C:** 47.50 mm



114827 Alternator 14 V, 120 Amp
Replacing: 2655544, TG11C076
Servicing: Hyundai, Kia
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 193.00
A: 43.00 **B:** 20.00 **C:** 55.50 mm



114831 Alternator 14 V, 180 Amp
Replacing: 2542827, 2543374, TG17C024, TG17C054
Servicing: Audi, Seat, VW
Pulley SP/FW, Grooves 6, B+ M8, Length 195.00
A: 39.50 **B:** 14.00 **C:** 61.00 mm



114832 Alternator 14 V, 180 Amp
Replacing: 2542845, 2542845A, TG17C026
Servicing: Beijing Benz (BBDC), Chrysler
Pulley SP/FW, Grooves 7, B+ M8, Length 200.00
A: 31.00 **B:** 70.00 **C:** 56.00 mm



114835 Alternator 14 V, 180 Amp
Replacing: 2543290, 2543290B, TG17C032
Servicing: Mercedes-Benz
Pulley SP/FW, Grooves 8, B+ M8, Length 199.00
A: 30.00 **B:** 70.00 **C:** 56.00 mm



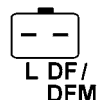
114847 Alternator 14 V, 140 Amp
Replacing: 2620358A, 2620359A, 2650799A, TG12C052, TG12C172, TG12C173
Servicing: Opel, Saab, Vauxhall
Pulley SP/FW, Grooves 6, B+ M8, Length 190.00
A: 113.00 **B:** 61.00 mm



114848 Alternator 14 V, 90 Amp
Replacing: 2543576, 2543576A, 2607214, TG9B049, TG9B068
Servicing: Citroen, Peugeot
Pulley SP/FW, Grooves 6, B+ M8
A: 42.50 **B:** 21.50 **C:** 46.00 mm



114857 Alternator 14 V, 90 Amp
Replacing: 2655635, A0002655635
Servicing: Hyundai, Kia
Pulley SP, Grooves 4, Fan IF, B+ M8, Length 178.00
A: 35.00 **B:** 13.00 **C:** 55.50 mm



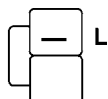
114859 Alternator 14 V, 180 Amp
Replacing: 2543457, 2543457A, 2607732, FG18S017, FG18S048
Servicing: Citroen, Fiat, Lancia, Peugeot
Pulley SP/FW, Grooves 6, B+ M8, Length 181.00
A: 42.50 **B:** 21.00 **C:** 45.00 mm



114866 Alternator 14 V, 120 Amp
 Replacing: 2543427, 2543427A, TG12C038
 Servicing: Ford, Mazda
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 186.00
 A: 42.00 B: 21.00 C: 45.70 mm



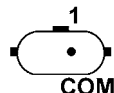
114876 5★ Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: 2543406, 2543406A, FG18S012,
 FG18S098, FGN18S012
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 186.00
 Alternative no.: 116309
 A: 31.50 B: 70.00 mm



114877 Alternator 14 V, 80 Amp
 Replacing: 2542694, 2542694A, 2542694B,
 TG8C011
 Servicing: Nissan
 Pulley SP, Grooves 4, B+ M8,
 Length 180.00
 A: 45.50 B: 13.00 C: 68.00 mm



114879 Alternator 14 V, 90 Amp
 Replacing: 2543530, 2605647, 2605647D,
 TG9B047, TG9B053
 Servicing: Dacia, Renault
 Pulley SP, Grooves 6, B+ M8,
 Length 190.00
 A: 39.00 B: 14.50 C: 61.00 mm



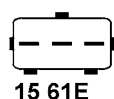
114882 Alternator 14 V, 110 Amp
 Replacing: 2543206, 2543206C, 2543206D,
 2543564, 2605275, TG11C041, TG11C066,
 TG11C069
 Servicing: Renault
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 191.00
 A: 38.50 B: 14.00 C: 61.50 mm



114883 Alternator 14 V, 120 Amp
 Replacing: 2543426, 2543426A, 2606925B,
 2606952B, TG12C037, TG12C087
 Servicing: Ford
 Pulley SP, Grooves 6, B+ M8,
 Length 177.30
 A: 10.50 B: 72.40 C: 52.60 mm



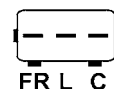
114884 Alternator 14 V, 140 Amp
 Replacing: 2607765A, TG14C012, TG14C027
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 192.00
 A: 29.00 C: 62.50 mm



115307 Alternator 14 V, 120 Amp
 Replacing: 2542432, 2542432B, SG12B039
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8
 A: 69.00 B: 28.00 C: 75.50 mm

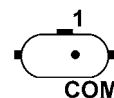


115310 Alternator 14 V, 110 Amp
 Replacing: 2542663, 2542818, 2542818D,
 2543342, 2543342A, 2543552, 2543552A,
 TG11C010, TG11C022, TG11C049
 Servicing: Renault
 Pulley SP, Grooves 7, Fan IF, B+ M8,
 Length 184.00
 A: 32.50 B: 13.80 C: 60.50 mm



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115351 Alternator 14 V, 150 Amp
 Replacing: 2656070, FG15S029
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 177.00
 B: 20.20 C: 37.50 mm



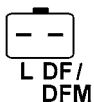
115356 Alternator 14 V, 150 Amp
 Replacing: 2606523B, FG15T030
 Servicing: Dacia, Opel, Renault, Vauxhall
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 192.00
 A: 33.00 B: 14.00 C: 60.80 mm



115364 Alternator 14 V, 150 Amp
 Replacing: 2605547, 2605547A, 2614016A,
 2618013, 2618013A, 2618013C, 2621087A,
 2624310A, 2624310B, FG15C189
 Servicing: Citroen, DS, Fiat, Opel, Peugeot
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 180.00
 A: 42.50 B: 21.00 C: 45.50 mm



115366 Alternator 14 V, 80 Amp
 Replacing: 2655866
 Servicing: Chevrolet, Daewoo
 Pulley SP, Grooves 4, Fan IF, B+ M6
 A: 40.00 B: 15.00 C: 64.50 mm



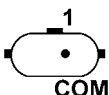
115369 Alternator 14 V, 150 Amp
 Replacing: 2542726, 2543476, 2543476A, 2605546, 2605546A, 2607216, 2607216A, SG15S025, TG15C112, TG15C134
 Servicing: Citroen, Mitsubishi, Peugeot
 Pulley SP/FW, Grooves 6, B+ M8
 A: 42.10 B: 21.00 C: 45.50 mm



115370 Alternator 14 V, 110 Amp
 Replacing: 2542730, TG11C017
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8, Length 190.00
 A: 39.50 B: 14.50 C: 62.00 mm



115384 Alternator 14 V, 120 Amp
 Replacing: 2608893, 2608893A, 2623615A, TG12S101, TG12S220
 Servicing: Citroen, Fiat, Peugeot
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 194.00
 A: 41.00 B: 64.00 C: 55.00 mm



115411 Alternator 14 V, 110 Amp
 Replacing: 2543208, 2543439, 2543439B, 2543551, TG11C055, TG11C060
 Servicing: Renault
 Pulley SP, Grooves 6, B+ M8, Length 186.00
 A: 38.50 B: 14.00 C: 61.00 mm



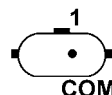
115413 Alternator 14 V, 220 Amp
 Replacing: 2543444, 2543444A, TG23C017
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 195.00
 A: 31.50 B: 70.00 C: 56.25 mm



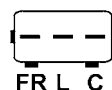
115414 Alternator 14 V, 180 Amp
 Replacing: 2542798, TG17C023, TG17C044
 Servicing: Audi
 Pulley SP/FW, Grooves 6, B+ M8, Length 198.00
 A: 29.50 B: 70.00 C: 56.00 mm



115418 Alternator 14 V, 90 Amp
 Replacing: 2542955, 2542955A, 2542955B, 2542955E, 2606293A, SG9B068, SG9B079, SG9B121
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 5, B+ M8, Length 180.50
 A: 30.00 B: 142.00 C: 42.50 mm

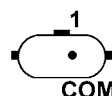


115419 Alternator 14 V, 110 Amp
 Replacing: 2543207, 2543563, 2543563B, TG11C040, TG11C065
 Servicing: Renault
 Pulley SP, Grooves 7, B+ M8, Length 183.00
 A: 33.00 B: 14.00 C: 60.85 mm



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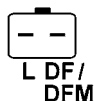
115430 Alternator 14 V, 90 Amp
 Replacing: 2609501, 2624205, A0002609501
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 5



115431 Alternator 14 V, 150 Amp
 Manufacturer: Valeo
 Replacing: 2612716A, FG15T056
 Servicing: Mercedes-Benz, Renault
 Pulley SP/FW, Grooves 6, B+ M8, Length 195.70
 Alternative no.: 116355
 A: 38.75 B: 14.20 C: 60.90 mm



115437 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: 2611843A, FG18S077, FGN18S077
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, B+ M8, Length 185.00
 A: 31.00 B: 70.00 C: 56.00 mm



115438 Alternator 14 V, 120 Amp

Replacing: 2542526, 2542742, SG12S051, SG12S077, TG12C170

Servicing: Citroen, Peugeot

Pulley SP, Grooves 6, B+ M8, Length 180.00

A: 42.50 B: 22.00 C: 45.50 mm



115459 Alternator 14 V, 120 Amp

Replacing: 2606436A, TG12C079, TG12C122, TG12C127, TG12C145

Servicing: Ford

Pulley SP/FW, Grooves 6, B+ M8, Length 186.00, Insulated return No

A: 43.00 B: 21.00 C: 45.00 mm



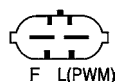
115475 Alternator 14 V, 180 Amp

Replacing: 2543611, 2614017A, 2617908A, FG18S027, FG18S095, FG18T112, FGN18S095

Servicing: Citroen, Fiat, Peugeot

Pulley SP/FW, Grooves 5, B+ M8, Length 182.00

A: 42.50 B: 21.00 C: 45.00 mm



115478 Alternator 14 V, 120 Amp

Replacing: 2605325A, TG12C066

Servicing: Chevrolet, Opel, Saab, Vauxhall

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 175.00

A: 32.00 B: 79.00 C: 52.00 mm



115482 5★ Alternator 14 V, 90 Amp

Manufacturer: Bosch

Replacing: 2542571

Servicing: Audi, Seat, Skoda, VW

Pulley SP, Grooves 6, B+ M8, Length 186.00

Alternative no.: 111989

A: 39.00 B: 14.00 C: 61.00 mm



115528 5★ Alternator 14 V, 140 Amp

Manufacturer: Valeo

Replacing: 2608427, 2608427A, TG14C028

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 189.00

Alternative no.: 116345*

A: 29.80 B: 14.00 C: 61.00 mm



115529 Alternator 14 V, 140 Amp

Replacing: 2610086A, TG14C036

Servicing: Seat, Skoda, VW

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 200.00

A: 39.00 B: 14.00 C: 62.00 mm



115531 Alternator 14 V, 80 Amp

Replacing: 2542926, 2542926A, 2542927, 2542927A, TG8C018, TG8S019

Servicing: Nissan

Pulley SP, Grooves 4, B+ M8, Length 170.00

A: 44.50 B: 13.00 C: 67.50 mm



115543 Alternator 14 V, 90 Amp

Replacing: 2542736, 2542736A, TG9C013

Servicing: Ford

Pulley SP, Grooves 6, Fan IF, B+ M6, Length 171.00

A: 41.00 B: 55.00 C: 74.00 mm



115549 Alternator 14 V, 95 Amp

Replacing: 2542422, 2543553, 2543553A, SG9B035, SG9B107

Servicing: Dacia, Renault

Pulley SP, Grooves 3, B+ M8

A: 53.50 B: 26.50 C: 63.00 mm



115581 5★ Alternator 14 V, 180 Amp

Manufacturer: Valeo

Replacing: 2608669C, FG18S052, FGN18S052

Servicing: BMW

Pulley SP/FW, Grooves 6, B+ M8, Length 185.00

Alternative no.: 116348

A: 57.50 B: 28.00 C: 75.50 mm



115582 5★ Alternator 14 V, 230 Amp

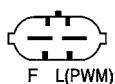
Manufacturer: Valeo

Replacing: 2605658A, FG23S022, FG23S063

Servicing: Citroen, Peugeot

Pulley SP/FW, Grooves 6, B+ M8, Length 188.00

A: 43.00 B: 21.00 C: 46.00 mm



115583# Alternator 14 V, 120 Amp
Manufacturer: Valeo
Replacing: TG12C036, TG12C143
Servicing: Opel, Vauxhall
Pulley SP/FW, Grooves 6, B+ M8, Length 190.00
Alternative no.: 116183
A: 112.50 **B:** 60.80 mm



115587 Alternator 14 V, 120 Amp
Replacing: 2607316A, 2616010, 2616019A, 2616021B, TG12C090, TG12C140, TG12C141
Servicing: Hyundai, Kia
Pulley SP/FW, Grooves 5, B+ M8, Length 175.00
A: 32.50 **B:** 13.00 **C:** 50.50 mm



115600 Alternator 14 V, 180 Amp
Replacing: 2618188A, FG18S128, FG18S144, FGN18S128, FGN18S144
Servicing: Mercedes-Benz
Pulley SP, Grooves 6, B+ M8, Length 185.00, Insulated return No
A: 31.20 **B:** 70.00 **C:** 55.80 mm



115603 Alternator 14 V, 110 Amp
Replacing: 2606446, 2607928
Servicing: Hyundai, Kia
Pulley SP/FW, Grooves 6, B+ M8, Length 174.50
A: 42.50 **B:** 20.00 **C:** 57.00 mm



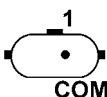
115604# Alternator 14 V, 150 Amp
Manufacturer: Valeo
Replacing: 2610715B, FG15T044, FG15T072, FGN15T072
Servicing: Citroen, DS, Peugeot
Pulley SP/FW, Grooves 6, B+ M8, Length 181.00
Alternative no.: 116353
A: 26.70 **B:** 80.10 mm



115621 Alternator 14 V, 110 Amp
Replacing: TG11C016
Servicing: Audi, Seat, Skoda, VW
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 186.00
A: 39.00 **B:** 14.00 **C:** 60.50 mm



115631 Alternator 14 V, 150 Amp
Replacing: 2543397B, 2614223A, TG15C095, TG15C190
Servicing: Audi
Pulley SP/FW, Grooves 6, B+ M8, Length 187.00
A: 30.00 **B:** 14.00 **C:** 60.85 mm



115653 Alternator 14 V, 110 Amp
Replacing: 2543469, 2543469A, 2543590, 2543590A, TG11C056, TG11C068
Servicing: Renault
Pulley SP, Grooves 7, B+ M8, Length 185.00
A: 33.50 **B:** 14.00 **C:** 60.00 mm



115654 Alternator 14 V, 70 Amp
Replacing: 2607052, 2613777
Servicing: Hyundai, Kia
Pulley SP, Grooves 4, Fan IF, B+ M8, Length 169.00
A: 38.00 **B:** 13.00 **C:** 48.00 mm



115659 Alternator 14 V, 80 Amp
Replacing: 2543302, 2543302A, TG7S012
Servicing: Ford
Pulley SP, Grooves 6, Fan IF, B+ M6, Length 164.00
A: 39.50 **B:** 55.00 **C:** 51.00 mm



115667 Alternator 14 V, 120 Amp
Replacing: 2623616A, TG12S111, TG12S221, TG12S247
Servicing: Alfa Romeo, Fiat
Pulley SP/FW, Grooves 6, B+ M8, Length 185.00
A: 42.00 **B:** 64.00 **C:** 55.00 mm



115668 Alternator 14 V, 90 Amp
Replacing: 2606472A, TG9S060
Servicing: Fiat, Peugeot
Pulley SP, Grooves 6, B+ M8, Length 176.50
A: 41.50 **B:** 64.00 **C:** 55.00 mm



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115670* Alternator 14 V, 220 Amp
Replacing: FG23S033
Servicing: BMW
Pulley SP/FW, Grooves 6



115675 Alternator 14 V, 180 Amp
Replacing: 2607244, 2607244D, 2607244E, 2617511, FG18S045
Servicing: BMW
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 189.00
A: 58.00 B: 28.00 C: 75.00 mm



115676 Alternator 14 V, 180 Amp
Replacing: 2618301, 2618301A, FG18S130, FGN18S130
Servicing: Mercedes-Benz
Pulley SP/FW, Grooves 6, B+ M8, Length 186.00
A: 31.00 B: 70.00 C: 56.00 mm



115694 Alternator 14 V, 180 Amp
Replacing: 2622129A, FG18S141, FGN18S141
Servicing: BMW
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 187.00
A: 57.00 B: 28.00 C: 75.50 mm



115695 Alternator 14 V, 110 Amp
Replacing: 2623248, TG11S136
Servicing: Seat, Skoda, VW
Pulley SP, Grooves 6, B+ M8, Length 163.00
A: 30.00 B: 14.50 C: 61.00 mm



115707 Alternator 14 V, 110 Amp
Replacing: TG11C067, TG11C116
Servicing: Audi, VW
Pulley SP/FW, Grooves 6, B+ M8, Length 190.70
A: 39.50 B: 14.00 C: 61.00 mm



115713 5★ Alternator 14 V, 180 Amp
Manufacturer: Valeo
Replacing: 2608426A, 2617864A, FG18T051, FG18T119
Servicing: Seat, Skoda, VW
Pulley SP/FW, Grooves 6, B+ M8
Alternative no.: 116319
A: 39.00 B: 14.00 C: 60.85 mm



115715 Alternator 14 V, 90 Amp
Replacing: 2607372, 2616741, A0002607372
Servicing: Dongfeng Yueda Kia, Hyundai, Kia
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 163.00
A: 33.50 B: 15.00 C: 50.50 mm



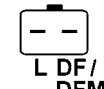
115730 Alternator 14 V, 140 Amp
Replacing: 2543569, 2543569A, 2543569B, TG14C023, TG14C034, TG14C050, TG14C068, TG14C069
Servicing: Audi, Seat, Skoda, VW
Pulley SP/FW, Grooves 6, B+ M8, Length 195.00
A: 39.50 B: 14.10 C: 61.00 mm



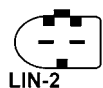
115737 Alternator 14 V, 130 Amp
Replacing: TG12C057
Servicing: Hyundai, Kia
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 188.00
A: 42.50 B: 20.00 C: 43.00 mm



115747 Alternator 14 V, 150 Amp
Replacing: 2606259, FG15S034
Servicing: Hyundai, Kia
Pulley SP/FW, Grooves 6, B+ M8, Length 177.00
A: 38.00 B: 20.10 C: 48.50 mm



115766 Alternator 14 V, 110 Amp
Replacing: 2542855, 2542855B, 2543561, 2543561A, TG11C027, TG11C063
Servicing: Dacia, Renault
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 181.00
A: 39.00 B: 14.00 C: 60.75 mm



115767 Alternator 14 V, 140 Amp
 Replacing: 2611257A, TG14C039, TG14C059
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 192.00
 A: 30.50 B: 14.50 C: 61.00 mm



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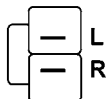
115785 Alternator 14 V, 140 Amp
 Replacing: 2609874, 2609874A, TG14C035
 Servicing: Seat, VW
 Pulley SP/FW, Grooves 6



115807 Alternator 14 V, 230 Amp
 Replacing: 2543518, FG23S010, FG23S043,
 FG23S054
 Servicing: Audi, BMW
 Pulley SP, Grooves 7, Fan IF, B+ M8,
 Length 188.00
 A: 30.00 B: 62.50 C: 41.00 mm



115810 Alternator 14 V, 120 Amp
 Replacing: 2605420, 2605420A, TG12C063
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 195.00
 A: 31.00 B: 70.00 C: 56.00 mm



115815 Alternator 14 V, 70 Amp
 Replacing: 2655633
 Servicing: Hyundai
 Pulley SP, Grooves 5, Fan IF, B+ M8,
 Length 166.50
 A: 35.00 B: 15.00 C: 45.70 mm



115823 Alternator 14 V, 220 Amp
 Replacing: FG23S032, FGN23S032
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 190.00
 A: 57.30 B: 28.00 C: 75.00 mm



115827 Alternator 14 V, 70 Amp
 Manufacturer: Valeo
 Replacing: 2606900, 2611776A, SG7S099
 Servicing: Hyundai
 Pulley SP, Grooves 5, Fan IF, B+ M8,
 Length 156.00
 A: 35.00 B: 15.00 C: 46.50 mm



115833 Alternator 14 V, 120 Amp
 Replacing: 2542475, A13VI284, AC730732
 Servicing: Claas, Renault
 Terminal W, Pulley SP, Grooves 8,
 Fan IF, B+ M6, Length 191.50
 A: 31.00 B: 14.00 C: 82.00 mm



115834 Alternator 14 V, 150 Amp
 Replacing: TG15C157
 Servicing: Mini
 Pulley SP, Grooves 5, B+ M8,
 Length 174.00
 A: 55.50 B: 28.00 C: 75.50 mm



115855 Alternator 14 V, 120 Amp
 Replacing: 2655524, A0002655524
 Servicing: Hyundai, Kia
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 185.00
 A: 43.50 B: 23.00 C: 44.00 mm



115856 Alternator 14 V, 150 Amp
 Replacing: 2542891, 2543264, 2543264A,
 2543264B, TG15C048, TG16C013
 Servicing: Audi
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 185.00
 A: 30.00 B: 14.00 C: 61.00 mm



115857 Alternator 14 V, 150 Amp
 Replacing: 2543388, 2543597, TG15C059,
 TG15C091, TG15C125
 Servicing: Renault
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 185.00
 A: 33.00 B: 14.00 C: 60.50 mm

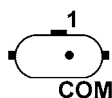


115860 Alternator 14 V, 150 Amp
 Replacing: 2543309, 2543309C, 2543309D, TG15C072
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8, Length 181.00
 A: 61.00 B: 28.00 C: 76.00 mm



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115902* Alternator 14 V, 230 Amp
 Replacing: 2613207A, FG23S058
 Servicing: BMW
 Pulley SP, Grooves 6



115903 Alternator 14 V, 120 Amp
 Replacing: 2612718A, 286816, TG12C124
 Servicing: Dacia, Renault
 Pulley SP/FW, Grooves 6, B+ M8, Length 193.00
 A: 38.20 B: 14.00 C: 61.00 mm



115912 Alternator 14 V, 220 Amp
 Replacing: TG23C019
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 7, B+ M8, Length 198.00
 A: 31.00 B: 70.10 C: 56.00 mm



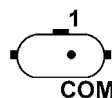
115916 Alternator 14 V, 140 Amp
 Replacing: TG14C049
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8, Length 195.00
 A: 30.00 B: 13.50 C: 61.00 mm



115918 Alternator 14 V, 180 Amp
 Replacing: FG18T122
 Servicing: VW
 Pulley SP/FW, Grooves 6, B+ M8, Length 188.00
 A: 39.10 B: 13.65 C: 60.60 mm



115919 Alternator 14 V, 150 Amp
 Replacing: 2542916, TG16C010
 Servicing: Audi, Faw-Audi
 Pulley SP/FW, Grooves 6, B+ M8, Length 193.00
 A: 29.00 B: 70.00 C: 56.00 mm



115921 Alternator 14 V, 120 Amp
 Replacing: 2606154, TG12C077
 Servicing: Dacia, Renault
 Pulley SP/FW, Grooves 7, B+ M8, Length 191.00
 A: 33.00 B: 14.00 C: 61.00 mm



115923 Alternator 14 V, 180 Amp
 Replacing: TG17C036
 Servicing: BMW
 Pulley SP, Grooves 7, B+ M8, Length 185.00
 A: 57.00 B: 28.50 C: 75.50 mm



115924 Alternator 14 V, 180 Amp
 Replacing: 2611839A, FG18S078
 Servicing: Mercedes-Benz, Volvo
 Pulley SP, Grooves 7, B+ M8, Length 187.00
 A: 31.50 B: 70.00 C: 55.60 mm



115937 Alternator 14 V, 75 Amp
 Manufacturer: Valeo/Mando
 Replacing: AF175353
 Servicing: Kia
 Pulley P, Grooves 1, B+ M6, Length 214.00
 A: 45.00 B: 13.00 C: 80.00 mm



115953 Alternator 14 V, 150 Amp
 Replacing: 2606017, TG15C144
 Servicing: Audi
 Pulley SP/FW, Grooves 6, B+ M8
 A: 30.00 B: 70.00 C: 56.00 mm



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115958* Alternator 14 V, 110 Amp
Replacing: 2542737, 2542737A, TG12C013
Servicing: Ford
Pulley SP/FW, Grooves 6



115959 Alternator 14 V, 120 Amp
Replacing: TG12C107
Servicing: Ford
Pulley SP/FW, Grooves 6, B+ M8,
Length 186.50
A: 11.50 B: 71.50 C: 51.00 mm



115960 Alternator 14 V, 180 Amp
Replacing: 2543403B, 2543403C, FG18S011
Servicing: BMW
Pulley SP, Grooves 7, B+ M8, Length 188.00
A: 55.50 B: 27.70 C: 75.00 mm



115963 Alternator 14 V, 90 Amp
Replacing: 2542670, 2542670A, 2542670B,
2542851, 2542851A, 2542851B, 2542851C,
2542861, 2542861A, 2542884
Servicing: Alfa Romeo, Fiat, Lancia, Opel,
Suzuki, Vauxhall
Pulley SP/FW, Grooves 6, B+ M8,
Length 196.00
Alternative no.: 113722
A: 41.00 B: 64.20 C: 55.00 mm



115976 Alternator 14 V, 150 Amp
Replacing: 2542685, 2542685B, 2542685C,
2543292, 2543413, 2543413A
Servicing: BMW
Pulley SP, Grooves 6, B+ M8,
Length 176.00
A: 68.50 B: 28.00 C: 75.00 mm



115980 Alternator 14 V, 70 Amp
Replacing: 2609013
Servicing: Hyundai, Kia
Pulley SP/FW, Grooves 5, B+ M8,
Length 175.00
A: 35.50 B: 15.00 C: 45.70 mm



115984 Alternator 14 V, 150 Amp
Replacing: 2605421A, 2608896A, FG15T036,
FG15T079, TG15C133
Servicing: Mercedes-Benz
Pulley SP/FW, Grooves 6, B+ M8,
Length 196.30, Insulated return No
A: 31.50 B: 70.10 C: 56.30 mm



115988 Alternator 14 V, 150 Amp
Manufacturer: Valeo
Replacing: 2612243, 2612243A, TG15C182
Servicing: Mercedes-Benz
Pulley SP, Grooves 6, B+ M8,
Length 184.00
A: 32.00 B: 70.00 C: 56.00 mm



115989 Alternator 14 V, 130 Amp
Replacing: 2614154A, 2619574A, FG12S048,
FG12S054, FG12S065
Servicing: Opel, Vauxhall
Pulley SP/FW, Grooves 5, B+ M8,
Length 190.00
A: 54.50 B: 33.50 C: 59.00 mm



116022 Alternator 14 V, 140 Amp
Replacing: 2610570A, 2620379, 2620379A,
TG12C105, TG12C193
Servicing: Chevrolet, Opel
Pulley SP/FW, Grooves 6, B+ M8,
Length 189.00
A: 41.50 B: 95.00 C: 55.00 mm



116036 Alternator 14 V, 140 Amp
Replacing: 2617854A, TG14C057
Servicing: Audi, Seat, Skoda, VW
Pulley SP/FW, Grooves 6, Length 196.00
A: 39.50 B: 13.50 C: 61.00 mm



116038 Alternator 14 V, 180 Amp
Replacing: 2542783, 2542783C, 2542783D,
TG17C019
Servicing: Dodge, VW
Pulley SP/FW, Grooves 6, B+ M8,
Length 193.00
A: 39.50 B: 14.20 C: 61.00 mm



116043 Alternator 14 V, 180 Amp

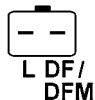
Replacing: 2543538, 2543538A, 2617194A, FG18S022, FG18S108

Servicing: Citroen, Fiat, Iveco, Peugeot

Pulley SP/FW, Grooves 6, B+ M8, Length 183.00

Alternative no.: 114082

A: 38.00 B: 14.00 C: 81.00 mm



116048 Alternator 14 V, 110 Amp

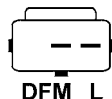
Replacing: 2542664, 2542664A, 2542664B, 2542664C, 2542664D, 2542945, 2542945B, 2543560, 2543562, 2543562A

Servicing: Dacia, Nissan, Renault

Pulley SP/FW, Grooves 5, B+ M8, Length 186.00

Alternative no.: 113940

A: 43.00 B: 14.00 C: 60.00 mm



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116058 Alternator 14 V, 110 Amp

Replacing: TG12C016

Servicing: Ford

Pulley SP/FW, Grooves 6, Fan IF



116064 Alternator 14 V, 75 Amp

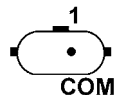
Replacing: 2542841, 2542841A, 2542841B, 2542850, 2542850A, 2542850C, 2542883, 2543480, 2543480A, 2543481

Servicing: Fiat, Opel, Suzuki, Vauxhall/Lancia

Pulley SP/FW, Grooves 6, B+ M8, Length 184.00

Alternative no.: 113720

A: 40.00 B: 64.00 C: 55.00 mm



116066 Alternator 14 V, 120 Amp

Replacing: 2605419B, TG12C062

Servicing: Renault

Pulley SP, Grooves 7, B+ M8, Length 184.00

A: 33.50 B: 13.70 C: 60.50 mm



116068 Alternator 14 V, 180 Amp

Replacing: 2543248, 2543248A, 2543498, 2543498A, 2543498B, TG17C041, TG17C061

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 6, B+ M8, Length 200.00

Alternative no.: 114102

A: 30.00 B: 70.00 C: 56.00 mm



116069 Alternator 14 V, 150 Amp

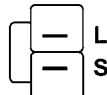
Replacing: 2542772, 2542952, 2542952B, 2543363, 2543363A, 2543412, 2543570, 2543570B, 2543570C, 2543570Q

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 5, B+ M8, Length 183.00

Alternative no.: 114130

A: 30.00 B: 151.00 mm



116096 Alternator 14 V, 110 Amp

Replacing: AB111125

Servicing: Kia

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 169.00

A: 43.00 B: 19.00 C: 62.00 mm



116099 Alternator 14 V, 120 Amp

Replacing: 2543296, 2543296A, 2543296B, TG12C026

Servicing: Mercedes-Benz

Pulley SP/FW, Grooves 7, B+ M8, Length 240.00

A: 32.00 B: 70.00 C: 56.00 mm



116113 Alternator 14 V, 180 Amp

Replacing: 2542969, 2542969C, 2542989, 2542989A, 2543289, 2543289A, 2608993, 2608993A, FG18S056, FGN18S056

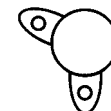
Servicing: Jeep, Mercedes-Benz

Pulley SP/FW, Grooves 7, B+ M8, Length 187.00

Can also be supplied w/ 1 plug (PLUG125).

Alternative no.: 114042

A: 31.00 B: 70.00 mm



116129 Alternator 14 V, 90 Amp

Manufacturer: Mahle Letrika

Replacing: 2541775, 2541775A, 2541775B, 2541838, 2541838A, 2541919, 2541919B, 2541959, A13VI134, A13VI175

Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong

Terminal W, Pulley w/o, B+ M8, Length 185.00

Alternative no.: 112529

B: 56.00 mm



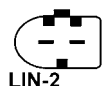
116138 Alternator 14 V, 220 Amp

Replacing: 2543517B, 2543517C, FG23S011

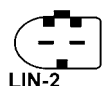
Servicing: BMW

Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 185.00

A: 55.30 B: 28.00 C: 76.00 mm



116142 Alternator 14 V, 200 Amp
 Replacing: 2613000, 2613000A, CG20U015
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, Fan IF, B+ M8,
 Length 188.00
 A: 31.50 B: 70.00 C: 56.00 mm



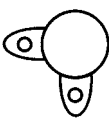
116146 Alternator 14 V, 200 Amp
 Replacing: 2613304, 2613304A, 2614130D,
 2614130E, FG20S014, FG20S016
 Servicing: Audi
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8,
 Length 190.00, Insulated return No
 A: 40.50 B: 14.00 C: 60.00 mm



116147 Alternator 14 V, 180 Amp
 Replacing: FG18S100, FG18T094, FG18T120,
 FGN18S100
 Servicing: VW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 191.00
 A: 29.30 B: 13.70 C: 60.80 mm



116152 Alternator 14 V, 150 Amp
 Replacing: FG15T092
 Servicing: Citroen, DS, Opel, Peugeot,
 Vauxhall
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 166.50
 A: 42.50 B: 21.00 C: 47.00 mm



116158 Alternator 14 V, 170 Amp
 Replacing: 2542611, 2542611A, 2542611B,
 2542613, 2542613C, 2543304, 2543304A,
 TG17C010, TG17C010B, TG17C011
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8,
 Length 185.50

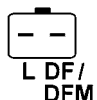
Alternative no.: 113896
 A: 60.50 B: 27.90 C: 75.90 mm



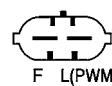
116165 Alternator 14 V, 90 Amp
 Replacing: 2542458A, 2542608A, SG9B040,
 SG9B050
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 187.00, Insulated return No
 A: 30.50 B: 63.00 C: 40.40 mm



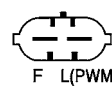
116172 Alternator 14 V, 150 Amp
 Replacing: 2542687, 2542687A, TG15C017,
 TG15C065
 Servicing: Audi
 Pulley FW, Grooves 6, Fan IF, B+ M8,
 Length 197.00
 A: 28.50 B: 70.00 C: 56.00 mm



116178 Alternator 14 V, 150 Amp
 Replacing: 2612249, 2612249A, 2612249B,
 FG15T050
 Servicing: Dacia
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8
 A: 38.50 B: 14.00 C: 60.00 mm



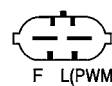
116180 Alternator 14 V, 140 Amp
 Replacing: 2605326A, TG12C065
 Servicing: Opel
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 173.00
 A: 32.00 B: 79.00 C: 56.00 mm



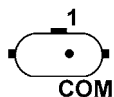
116181 Alternator 14 V, 120 Amp
 Replacing: 2605853A, TG12C070
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 194.00
 A: 64.50 B: 23.00 C: 59.00 mm



116182 Alternator 14 V, 120 Amp
 Replacing: 2607401A, 2607401C, TG12C092,
 TG12C199, TG12C2013
 Servicing: Dacia
 Pulley SP/FW, Grooves 7, B+ M8
 A: 33.00 B: 14.00 C: 60.50 mm



116183 Alternator 14 V, 120 Amp
 Replacing: TG12C036, TG12C143
 Servicing: Opel, Vauxhall
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 190.00, Insulated return No
 Alternative no.: 115583#
 A: 112.50 B: 60.80 mm



116184 Alternator 14 V, 150 Amp
 Replacing: 2543592, 2543592A, TG15C123
 Servicing: Renault
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 185.00
 A: 33.00 B: 14.00 C: 61.00 mm



116185 Alternator 14 V, 150 Amp
 Replacing: 2605299, 2605299A, TG15C130
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 190.00
 A: 31.00 B: 70.00 C: 56.30 mm



116186 Alternator 14 V, 180 Amp
 Replacing: 2543242, TG17C039
 Servicing: Audi, Seat
 Pulley SP/FW, Grooves 7, B+ M8
 A: 30.20 B: 14.20 C: 60.50 mm



116187 Alternator 14 V, 230 Amp
 Replacing: 2543218, 2543218C, TG23C011
 Servicing: BMW
 Pulley SP, Grooves 7, B+ M8,
 Length 185.00, Insulated return No
 A: 56.60 B: 28.20 mm



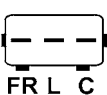
116188 Alternator 14 V, 220 Amp
 Replacing: 2543223, TG23C012
 Servicing: BMW
 Pulley SP, Grooves 6, B+ M8,
 Length 180.00
 A: 56.50 B: 28.00 C: 75.00 mm



116189 Alternator 14 V, 230 Amp
 Replacing: 2543436, 2543436B, 2543436C,
 2610240, 2610240A, TG23C018, TG23C033
 Servicing: BMW
 Pulley SP, Grooves 8, Fan IF, B+ M8,
 Length 191.00
 A: 29.40 B: 63.00 C: 40.70 mm



116191 Alternator 14 V, 130 Amp
 Replacing: 2609674, 2611067, 2621365,
 A0002609674, A0002611067, A0002621365
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 5, B+ M8,
 Length 175.60, Insulated return No
 A: 33.40 B: 50.30 C: 50.30 mm



116192 Alternator 14 V, 90 Amp
 Replacing: 2610164, 2617585, A0002610164
 Servicing: Hyundai, Kia
 Pulley OAD, Grooves 6, B+ M8,
 Length 175.00
 A: 33.00 B: 15.00 C: 50.50 mm



116193 Alternator 14 V, 140 Amp
 Replacing: 2622499A, 2715992A, TG14C071,
 TG14C094, TG14C103
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 208.00
 A: 31.00 B: 14.00 C: 61.00 mm



116195 Alternator 14 V, 180 Amp
 Replacing: 2617865B, 2617866A, 2620000B,
 FG18T103, FG18T123, FG18T124
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 193.00
 A: 39.30 B: 14.00 C: 61.00 mm



116196 ★ Alternator 14 V, 70 Amp
 Manufacturer: Valeo/Mando
 Replacing: 2618819
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 167.00
 A: 20.00 B: 15.00 C: 42.00 mm

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116206 Alternator 12 V, 110 Amp
 Replacing: 2715268C, TG12C113
 Servicing: Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, Fan IF,
 Insulated return Yes



116207 Alternator 14 V, 110 Amp
 Replacing: 2608430A, A608430A, TG11C086
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 190.00
 A: 30.00 B: 14.00 C: 61.00 mm



116208 Alternator 14 V, 90 Amp
 Replacing: 2543531, 2605646, 2605646B,
 TG9B046, TG9B052
 Servicing: Dacia, Renault
 Pulley SP/FW, Grooves 6, Fan IF,
 B+ M8, Length 186.00
 A: 38.00 B: 15.00 C: 60.50 mm



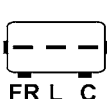
116209 Alternator 14 V, 150 Amp
 Replacing: 2609201C, FG18D057, FGN18D057
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 189.00
 A: 57.30 B: 28.00 C: 75.10 mm

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116210 Alternator 12 V, 140 Amp
 Replacing: 2614366A, 2620371A, TG12C137,
 TG12C184
 Servicing: Chevrolet, Opel
 Pulley SP/FW, Grooves 5



116215 Alternator 14 V, 130 Amp
 Replacing: 2610011, A0002610011
 Servicing: Hyundai, Kia
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 173.00
 A: 43.50 B: 16.00 C: 32.00 mm



116226 Alternator 14 V, 110 Amp
 Manufacturer: Valeo/Mando
 Replacing: 2609780, 2610128, 2616559,
 2616564, A0002610128, A0002616559
 Servicing: Dongfeng Yueda Kia, Hyundai, Kia
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 185.00
 OE 37300-2B600 & 37300-2B610 has solid
 pulley
 A: 33.50 B: 15.00 C: 50.00 mm

NEW PRODUCT
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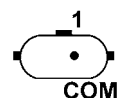
116229* Alternator 12 V, 180 Amp
 Replacing: 2715547A, FG18T142, FG18T166
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, Fan IF

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116231* Alternator 12 V, 110 Amp
 Replacing: 2622498A, 2622498B, TG12C211,
 TG12C280
 Servicing: Audi, Fiat, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6

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116237 Alternator 12 V, 125 Amp
 Replacing: 2610711B, 2610711C, 2624851,
 2624851A, TG12C106, TG12C228, TG12C261
 Servicing: Citroen, DS, Opel, Peugeot, Toyota
 Pulley SP/FW, Grooves 6



116240 Alternator 14 V, 125 Amp
 Replacing: 2612719A, 2619146A, TG12C125,
 TG12C164, TG12C166, TG12S272
 Servicing: Dacia, Lada, Renault, Smart (MCC)
 Pulley SP/FW, Grooves 7, B+ M8,
 Length 187.00
 A: 32.70 B: 13.70 C: 60.80 mm

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116242 Alternator 12 V, 180 Amp
 Replacing: 2624328A, FG18T106, FG18T145
 Servicing: Citroen, DS, Peugeot
 Grooves 6



116295 Alternator 14 V, 180 Amp
 Replacing: 2542720, 2542720D, 2542720J,
 TG17C015
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8,
 Length 191.00
 Alternative no.: 114524#
 A: 29.50 B: 62.50 C: 41.50 mm



116296 Alternator 14 V, 150 Amp
 Replacing: TG15C174, TG15C176
 Servicing: Ford
 Pulley SP/FW, Grooves 6, B+ M8, Length 190.00
 Alternative no.: 114805
 A: 42.50 B: 21.00 C: 45.00 mm



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116297 Alternator 14 V, 150 Amp
 Replacing: 2612717A, FG15T057
 Servicing: Renault
 Pulley SP/FW, Grooves 6, B+ M8, Length 193.00
 A: 38.50 B: 14.00 C: 60.50 mm



116304 Alternator 14 V, 180 Amp
 Replacing: 2607384, 2607384A, FG18S047
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 193.00
 A: 31.60 B: 70.00 C: 55.80 mm



116309 Alternator 14 V, 180 Amp
 Replacing: 2543406, 2543406A, FG18S012, FG18S098, FGN18S012
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6, B+ M8, Length 186.00
 Alternative no.: 114876
 A: 31.50 B: 70.00 mm



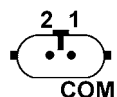
116311 Alternator 14 V, 120 Amp
 Replacing: 2605106, 2605106A, 2605290, 2612380B, TG12C059, TG12C061, TG12C120
 Servicing: Citroen, DS, Mini, Peugeot
 Pulley SP/FW, Grooves 6, B+ M8
 Alternative no.: 114811
 A: 26.00 B: 80.50 C: 47.50 mm



116319 Alternator 14 V, 180 Amp
 Replacing: 2608426A, 2617864A, FG18T051, FG18T119
 Servicing: Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, B+ M8
 Alternative no.: 115713
 A: 39.00 B: 14.00 C: 60.85 mm



116322 Alternator 14 V, 120 Amp
 Replacing: 2542582, 2542582A, 2542582B, SG12B062
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 200.00
 Alternative no.: 113877
 A: 32.00 B: 70.00 C: 56.00 mm



116323 Alternator 14 V, 150 Amp
 Replacing: 2606272, 2606272A
 Servicing: Dacia, Renault
 Grooves 6, B+ M8, Length 197.00
 Alternative no.: 114721
 A: 39.40 B: 14.40 C: 60.50 mm



116325 Alternator 14 V, 125 Amp
 Replacing: 2542946, 2543378, 2543378C, 2607395, 2607395A, 2617345A, SG12B105, TG12C094, TG12C151
 Servicing: Dacia, Nissan, Renault
 Pulley SP/FW, Grooves 8, Fan IF, B+ M8
 Alternative no.: 113862
 A: 34.00 B: 13.50 C: 60.00 mm



116330 Alternator 14 V, 75 Amp
 Replacing: 2542671, 2542671A, 2542671B, 2543484, 2543484A, TG8S010, TG8S021
 Servicing: Fiat, Lancia
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 175.00
 Alternative no.: 113721
 A: 40.50 B: 63.90 C: 55.00 mm



116337 Alternator 14 V, 120 Amp
 Replacing: 2542509, 2542509C, 2542738, 2542738B, SG12B047, SG12B075
 Servicing: Audi, Seat
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 200.00
 A: 29.00 B: 70.00 C: 55.80 mm



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116345* Alternator 14 V, 140 Amp
 Replacing: 2608427, 2608427A, TG14C028
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, Fan IF
 Alternative no.: 115528



116348 Alternator 14 V, 180 Amp
 Replacing: 2608669C, FG18S052, FGN18S052
 Servicing: BMW
 Pulley SP/FW, Grooves 6, B+ M8, Length 185.00
 Alternative no.: 115581
 A: 57.50 B: 28.00 C: 57.50 mm

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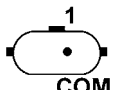
116350* Alternator 14 V, 120 Amp
 Replacing: 2542770, 2542770B, TG12C015, TG12C110
 Servicing: Ford
 Alternative no.: 114757



116353 Alternator 14 V, 150 Amp
 Replacing: 2610715B, FG15T044, FG15T072, FGN15T072
 Servicing: Citroen, DS, Peugeot
 Pulley SP/FW, Grooves 6, B+ M8, Length 181.00
 Alternative no.: 115604*
 A: 26.70 B: 80.10 mm



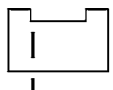
116354 Alternator 14 V, 140 Amp
 Replacing: 2543400, 2543400A, TG14C022, TG14C042
 Servicing: Audi
 Pulley SP, Grooves 6, B+ M8, Length 180.00
 Alternative no.: 114780*
 A: 30.30 B: 14.50 C: 62.10 mm



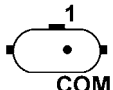
116355 Alternator 14 V, 150 Amp
 Replacing: 2612716A, FG15T056
 Servicing: Dacia, Mercedes-Benz, Renault
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 195.70
 Alternative no.: 115431
 A: 38.75 B: 14.20 C: 60.90 mm



116359 Alternator 14 V, 140 Amp
 Replacing: 04L903021A, 2715269, 2715269C, TG14C043, TG14C051, TG14C095
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6, Fan IF, Length 191.00
 A: 39.00 B: 14.00 C: 61.00 mm



116360 Alternator 14 V, 60 Amp
 Replacing: A13N271
 Servicing: KHD
 Terminal W, Pulley w/o, B+ M6, Length 173.00
 Alternative no.: 112548



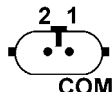
116363 Alternator 14 V, 120 Amp
 Replacing: 2627732A, TG12C241
 Servicing: Dacia, Renault
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 195.00
 A: 38.50 B: 13.90 C: 60.50 mm



116364 Alternator 14 V, 150 Amp
 Replacing: 2610692B, 2610812A, TG15C173, TG15C175
 Servicing: Ford
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 193.00
 A: 42.50 B: 21.00 C: 48.50 mm



116365 Alternator 14 V, 200 Amp
 Replacing: CG20U029
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6, Fan IF, B+ M8, Length 188.00
 A: 31.60 B: 73.00 C: 56.00 mm



116368 Alternator 14 V, 90 Amp
 Replacing: 2543486, 2543509, 2543509A, 2543509B, 2543509C, TG9B041, TG9B042
 Servicing: Renault
 Pulley SP, Grooves 7, B+ M8, Length 182.00
 A: 32.00 B: 14.25 C: 61.00 mm



116377* Alternator 14 V, 200 Amp
 Replacing: 2614781, 2614781A, CG20U019, CG20U035
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 7

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116382 Alternator 14 V, 220 Amp

Replacing: FG23S072, NFG23S072

Servicing: Ford

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 183.80, Insulated return No

A: 48.40 B: 21.00 C: 47.20 mm



116386 Alternator 14 V, 140 Amp

Replacing: 2715270A, TG14C041, TG14C096, TG14C104

Servicing: Audi, Seat, Skoda, VW

Pulley FW, Grooves 6, Fan IF, B+ M8, Length 193.00

A: 29.50 B: 70.00 C: 56.00 mm



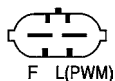
116388 Alternator 14 V, 220 Amp

Replacing: FG23S068

Servicing: BMW

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 180.00

A: 57.00 B: 28.00 C: 75.40 mm



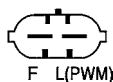
116389 Alternator 14 V, 120 Amp

Replacing: 2605854A, TG12C072

Servicing: Opel, Vauxhall

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 187.00

A: 54.40 B: 33.40 C: 60.50 mm



116392 Alternator 14 V, 120 Amp

Replacing: 2620376A, 2650768A, TG12C055, TG12C190

Servicing: Opel, Vauxhall

Pulley SP, Grooves 6, B+ M8, Length 185.40

140A = Cargo 115861

A: 63.80 B: 23.40 C: 59.00 mm



116393 Alternator 14 V, 150 Amp

Replacing: 2612685B, FG15T052, FG15T074

Servicing: Ford

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 193.50

A: 43.00 B: 21.00 C: 45.00 mm



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116399 Alternator 14 V, 90 Amp

Replacing: 2619299

Servicing: Hyundai, Kia

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 177.00

A: 10.00 B: 14.80 C: 52.50 mm



116403 Alternator 14 V, 130 Amp

Replacing: 2622503

Servicing: Hyundai, Kia

Pulley SP/FW, Grooves 6, B+ M8, Length 177.00

A: 33.30 B: 15.10 C: 50.30 mm



116406 Alternator 14 V, 90 Amp

Replacing: TG9S100

Servicing: Alfa Romeo, Fiat

Pulley SP, Grooves 6, B+ M8, Length 177.00

A: 41.00 B: 64.50 C: 55.30 mm



116452 Alternator 14 V, 140 Amp

Replacing: 2608901A, 2608901C, TG14C031

Servicing: Audi, Seat, Skoda, VW

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 189.00

A: 40.00 B: 13.70 C: 61.00 mm



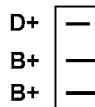
NEW PRODUCT
www.hc-cargo.com

116471* Alternator 14 V, 230 Amp

Replacing: 2613166, 2613166A, 2617870, 2617870A, FG23S057, FG23S075, FGN23S075

Servicing: VW

Pulley SP/FW, Grooves 6, Fan IF



116475 Alternator 28 V, 55 Amp

Replacing: 2518070

Servicing: DAF, Leyland, Lister-Petter, Perkins

Pulley SP, Grooves 8, Fan EF, B+ M8, Length 179.00

A: 33.00 B: 11.30 C: 83.00 mm



NEW PRODUCT
www.hc-cargo.com

116480* Alternator 14 V, 180 Amp
Replacing: FG18T058, FG18T125
Servicing: Volvo
Pulley SP/FW, Grooves 6, Fan IF



116487 Alternator 14 V, 180 Amp
Replacing: 2543467A, FG18S016
Servicing: Mercedes-Benz
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 191.00
A: 31.50 B: 70.00 C: 56.00 mm



116488 Alternator 14 V, 180 Amp
Replacing: 2543424, 2543424A, 2543424C, FG18S014
Servicing: BMW
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 180.50
A: 60.00 B: 28.00 C: 75.40 mm



116489 Alternator 14 V, 230 Amp
Replacing: 2543224, 2543224A, TG23C013
Servicing: BMW
Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 194.00
A: 30.00 B: 62.50 C: 41.00 mm



116490 Alternator 14 V, 150 Amp
Replacing: 2543417, 2543417A, 2543417B, TG15C075
Servicing: Mercedes-Benz
Pulley FW, Grooves 7, B+ M8, Length 204.00
A: 32.00 B: 70.00 C: 56.00 mm



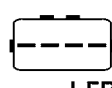
116502 Alternator 14 V, 70 Amp
Replacing: 2607775
Servicing: Hyundai, Kia
Pulley SP, Grooves 5, Fan IF, B+ M8, Length 166.00
A: 20.00 B: 16.00 C: 42.60 mm



116515 Alternator 14 V, 220 Amp
Replacing: 2608240, 2608240A, FG23S031
Servicing: Porsche, VW
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 177.00
A: 29.70 B: 13.90 C: 60.40 mm



116523 Alternator 14 V, 180 Amp
Replacing: 2619328A, 2619328B, FG18S135, FGN18S135
Servicing: Iveco
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 187.00
A: 37.10 B: 13.90 C: 83.00 mm



NEW PRODUCT
www.hc-cargo.com

116527* Alternator 14 V, 110 Amp
Replacing: A0002655009
Servicing: Hyundai, Kia
Pulley SP, Grooves 4, Fan IF



116538 Alternator 14 V, 65 Amp
Replacing: AC165622
Servicing: Volvo Penta
Grooves 6, Fan EF, B+ 1/4" UNC, Length 173.00
A: 72.40 C: 50.60 mm

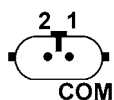


NEW PRODUCT
www.hc-cargo.com

116541* Alternator 14 V, 120 Amp
Replacing: 2625767A, NRG12S010
Servicing: Citroen, DS, Opel, Peugeot, Vauxhall
Pulley SP/FW, Grooves 6



116545 Alternator 14 V, 65 Amp
Replacing: 2522161, 2523458, 2541744, 2541756, 2940119, 2940146, A13N277, A13N278, A13N280, A13N69, A13R173
Servicing: Caterpillar, Fendt, Renault
Pulley P, Grooves 1, Fan EF, B+ M6, Length 178.00
A: 61.00 B: 27.00 mm



NEW PRODUCT
www.hc-cargo.com

116562 Alternator 14 V, 120 Amp
Replacing: 2606288, 2606288A, TG12C078, TG12C150
Servicing: Dacia, Renault
Pulley SP/FW, Grooves 6, Fan IF



NEW PRODUCT
www.hc-cargo.com

116580* Alternator 14 V, 250 Amp
Replacing: 2613031A, CG25S023
Servicing: Mercedes-Benz
Pulley SP, Grooves 7, Fan IF



NEW PRODUCT
www.hc-cargo.com

116586 Alternator 14 V, 140 Amp
Replacing: 2617851A, TG14C054
Servicing: VW
Pulley SP/FW, Grooves 6, Fan IF



116587 Alternator 14 V, 110 Amp
Replacing: SG9B069
Servicing: Audi, Seat, Skoda, VW
Pulley SP, Grooves 6, Fan IF, B+ M8, Length 184.00
A: 39.90 B: 14.00 C: 61.00 mm



NEW PRODUCT
www.hc-cargo.com

116594 Alternator 14 V, 150 Amp
Replacing: FG15T093, FG15T137
Servicing: Ford
Pulley SP/FW, Grooves 6, Fan IF



116595 Alternator 14 V, 180 Amp
Replacing: FG18T114, FG18T197
Servicing: Ford
Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 190.00
A: 48.60 B: 21.60 C: 47.30 mm

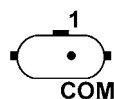


NEW PRODUCT
www.hc-cargo.com

116606* Alternator 14 V, 240 Amp
Replacing: TG15C206, TG15C255, TG15C285
Servicing: Ford
Grooves 6



116614 Alternator 14 V, 200 Amp
Replacing: 2608773A, FG20S011
Servicing: Audi
Pulley SP/FW, Grooves 6, B+ M8, Length 188.00
A: 30.50 B: 14.00 C: 60.60 mm



NEW PRODUCT
www.hc-cargo.com

116625 Alternator 14 V, 150 Amp
Replacing: 2616927A, FG15T071
Servicing: Opel, Renault, Vauxhall
Grooves 7, Fan IF, B+ M8, Length 195.00
A: 32.50 B: 14.00 C: 61.00 mm



NEW PRODUCT
www.hc-cargo.com

116676 Alternator 14 V, 180 Amp
Replacing: 2605773, 2605773A, 2605773B, FG18D024
Servicing: BMW
Pulley SP, Grooves 6



116677 Alternator 14 V, 120 Amp
Replacing: SG10B067
Servicing: Massey Ferguson, Valtra
Pulley w/o, Fan IF, B+ M8, Length 175.00
B: 56.00 mm



NEW PRODUCT
www.hc-cargo.com

116679* Alternator 14 V, 150 Amp
Replacing: TG15C200
Servicing: Toyota
Pulley SP, Grooves 6



116686 Alternator 14 V, 180 Amp
Replacing: 2618187, FG18S127
Servicing: Arona
Pulley SP, Grooves 6, Fan IF
This Alternator has a COM terminal on the regulator. It is recommended that the OEM number is used to check suitability before ordering.

NEW PRODUCT

www.hc-cargo.com

116702* Alternator 14 V, 250 Amp
 Replacing: 2613001D, CG25S022, CG25S045
 Servicing: Mercedes-Benz
 Pulley SP/FW, Grooves 6

NEW PRODUCT

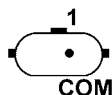
www.hc-cargo.com

116704* Alternator 14 V, 220 Amp
 Replacing: 2614306A, TG23C034
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6

NEW PRODUCT

www.hc-cargo.com

116706 Alternator 14 V, 90 Amp
 Replacing: 2609518
 Servicing: Hyundai, Kia
 Pulley SP, Grooves 5



NEW PRODUCT

www.hc-cargo.com

116710 Alternator 14 V, 150 Amp
 Replacing: 2606190A, TG15C142
 Servicing: Dacia, Opel, Renault, Vauxhall
 Pulley SP/FW, Grooves 7, Fan IF, B+ M8, Length 194.00
 A: 33.00 B: 14.00 C: 61.00 mm

NEW PRODUCT

www.hc-cargo.com

116713* Alternator 14 V, 70 Amp
 Replacing: 2619096, A0002619096
 Pulley SP/FW, Grooves 6

NEW PRODUCT

www.hc-cargo.com

116714 Alternator 14 V, 180 Amp
 Replacing: 2607380A, FG18S046
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 6

NEW PRODUCT

www.hc-cargo.com

116716 Alternator 14 V, 140 Amp
 Replacing: TG14C056
 Servicing: Audi, Audi (FAW), VW
 Pulley SP/FW, Grooves 6

NEW PRODUCT

www.hc-cargo.com

116717 Alternator 14 V, 140 Amp
 Replacing: TG14C067
 Servicing: Audi, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6

NEW PRODUCT

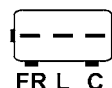
www.hc-cargo.com

116718 Alternator 14 V, 180 Amp
 Replacing: 2714247, 2714247B, 2714247C, FG18T163
 Servicing: VW
 Pulley SP/FW, Grooves 6

NEW PRODUCT

www.hc-cargo.com

116719 Alternator 14 V, 180 Amp
 Replacing: FG20S022, FGN20S022
 Servicing: Audi
 Pulley SP/FW



116721 Alternator 14 V, 120 Amp
 Replacing: 2610819
 Servicing: Hyundai, Hyundai (Beijing)
 Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 177.00
 A: 21.00 B: 14.50 C: 58.00 mm

NEW PRODUCT

www.hc-cargo.com

116723 Alternator 14 V, 180 Amp
 Replacing: FG18S107, FGN18S107
 Servicing: Volvo
 Pulley SP/FW, Grooves 6

NEW PRODUCT

www.hc-cargo.com

116724 Alternator 14 V, 250 Amp
 Replacing: CG25S035
 Servicing: Mercedes-Benz
 Pulley SP, Grooves 7

NEW PRODUCT

www.hc-cargo.com

116747* Alternator 14 V, 180 Amp
 Replacing: 2612300, 2612300B, 2612300C, 2612300D, 2612300E, 2612300F, 2612300G, 2612300H, FG18T169
 Servicing: Audi, Cupra, Seat, Skoda, VW
 Pulley SP/FW, Grooves 6

NEW PRODUCT

www.hc-cargo.com

116791* Alternator 14 V, 180 Amp
 Replacing: FG18S036
 Servicing: Audi
 Pulley SP/FW, Grooves 7

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

*Available while stock last, * Program development.



113285 Alternator 14 V, 75 Amp

Replacing: 20-150-01007

Servicing: Ford

Pulley SP/FW, Grooves 7, B+ M6, Length 218.50

w/ single pulley: HC-CARGO 113544.

A: 38.60 B: 55.25 C: 74.50 mm



113708 Alternator 14 V, 115 Amp

Replacing: 20-150-01004, 20-150-01004

Servicing: Ford

Pulley SP/FW, Grooves 6, B+ M6, Length 166.00

A: 41.00 B: 55.00 C: 74.00 mm



113709 Alternator 14 V, 115 Amp

Replacing: 20-150-01005, 20-150-01006, 20-150-01005, 20-150-01006

Servicing: Ford, Jaguar

Pulley SP, Grooves 6, B+ M6

A: 41.00 B: 55.00 C: 74.00 mm



113710 Alternator 14 V, 125 Amp

Replacing: 20-150-01009, 20-150-01010, 20-150-01009, 20-150-01010

Servicing: Ford

Pulley w/o, B+ M6

B: 14.00 C: 69.00 mm



113883 Alternator 14 V, 90 Amp

Replacing: 20-150-01001, 20-150-01001

Servicing: Ford

Pulley SP, Grooves 6, B+ M6, Length 165.50

A: 39.60 B: 54.80 C: 74.00 mm



113912 5★ Alternator 14 V, 80 Amp

Manufacturer: Visteon

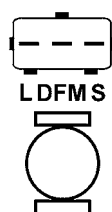
Replacing: 20-150-01002, 20-150-01002

Servicing: Ford, Ford USA, Mazda

Pulley SP/FW, Grooves 6, B+ M8, Length 151.00

Alternative no.: 116362

A: 42.50 B: 21.00 C: 45.00 mm



113913 Alternator 14 V, 110 Amp

Replacing: 20-150-01007, 20-150-01007

Servicing: Ford

Pulley SP/FW, Grooves 7, Fan IF, B+ M6, Length 196.40

A: 40.00 B: 55.00 C: 74.00 mm



116362 Alternator 14 V, 80 Amp

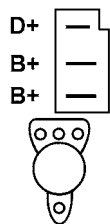
Replacing: 20-150-01002, 20-150-01002

Servicing: Ford, Ford USA, Mazda

Pulley SP/FW, Grooves 6, Fan IF, B+ M8, Length 159.25, Insulated return No

Alternative no.: 113912 5★

A: 42.50 B: 21.50 C: 45.80 mm



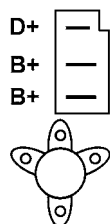
110497 Alternator 14 V, 70 Amp

Replacing: 9120690170, 66021070, 66021155, 66921126, NAB900, LEA0270, LEA0272, LEA0394, LEA0403

Servicing: Austin-Healey, Various Agriculture Vehicles

Terminal W, Pulley P, Grooves 1, B+ 9.40, Length 166.00

A: 42.50 B: 10.50 C: 84.00 mm



110577 Alternator 28 V, 55 Amp

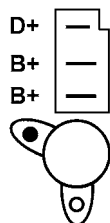
Replacing: NAB903

Servicing: Various

Terminal W, Pulley DP, Grooves 2, B+ M6, Length 183.00

w/ mounting bearing bracket for left and right engine side.

A: 115.20 B: 80.10 mm



110968 Alternator 14 V, 70 Amp

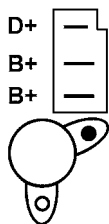
Replacing: 858787, ALT2N-14, ALF12-18, ALT12N-13, ALT12N-2, 11.201.470, AAK1133, AAK1333, IA0301, IA0531, MG656, 23686, 23686A, 23686B, 23749, 23764, 23764A, 23785, 23785A, 23832, 23832A, 23832B, 23882, 23882A, AH2040C4, 510-122, 510-163, 510-54, 9AR2539, 9AR2539K, 9AR2561, 9AR2561K, 9AR2570, 9AR2570G, 9AR2612, 9AR2613, 66021636, 9AR2699, 432825, 432831, 432836, 436140, 436144, 436167, 436181, 436508, 437124, VA100, VA102, 0986031388, 0986039711

Servicing: Austin, Rover, Nissan MG, Case, Dronningborg, Ford, Mercedes-Benz, Valtra

Pulley P, Grooves 1, Fan EF, B+ M6, Length 167.00

Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 11.00 C: 82.00 mm



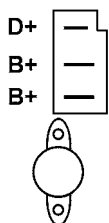
110969 Alternator 14 V, 65 Amp

Replacing: ALP12N-1, 23582, 23582A, 23582B, 23582D, 23667, 23667A, 23667B, 23667D, 23696, 23696A, 23696B, 23696D, 23723, 510-59, 9AR2562, 9AR2562K, 9AR2569, 9AR2569G, 9AR2651, 9AR2651D, 9AR2653, 9AR2653F, 9AR2655G, 0986030778, 0986030788, 0986031178, 0986035131, IA0305, IA0528, 432819, 433485, 436166, 436531, NA014, VA101, VA103, VA107, VA121, VA165, VA175, VA99

Servicing: Land Rover, Mazda, Various Agriculture Vehicles

Pulley P, Grooves 1, B+ M6, Length 167.50

A: 38.00 B: 11.00 C: 82.00 mm



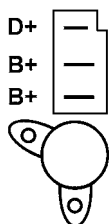
110970 Alternator 14 V, 65 Amp

Replacing: 11.201.095, AAG1310, 23865A, 24123A, NAB302, LEA0277, LEA0425, LEA0499, LEA0503, LRA00181, 510-38, 510-39, 510-56, 9AR2547, 9AR2547F, 9AR2548, 9AR2548K, 9AR2549, 9AR2549F, 9AR2566, 432983, 436263

Servicing: Massey Ferguson

Terminal W, Pulley P, Grooves 1, B+ M6

A: 58.00 B: 27.10 mm



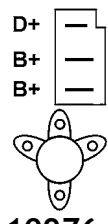
110975 Alternator 14 V, 65 Amp

Replacing: 0120300563, 0120300564, 0120300584, 0120400670, 0120489058, 0120489551, 0120489569, 0120489789, 1565485, 733F10300AA, 733F10300AB, 54021649, 60021026, 60021063, 60021067, 60021068, NAB307, LEA0078, LEA0288, LRA00112, LRA00232, 2541263, 510-123, 510-146, 9AR2529, 9AR2529F, 9AR2638, 9FB2LD2A05, 9AR2708, 432853, 433404, 436100, 436137, 436189, 436208, VA128, VA155, VA186, VA274, IA0215, IA0605, IA0613

Servicing: VW, Audi, Various Agriculture Vehicles

Terminal W, Pulley P, Grooves 1, B+ M6, Length 167.00

A: 82.85 B: 56.25 mm



110976 Alternator 14 V, 65 Amp

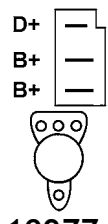
Replacing: NAB902, NAB904

Servicing: Various

Terminal W, Pulley P, Grooves 1, B+ M6, Length 168.00,

Insulated return No
w/ mounting bearing bracket for left and right engine side. Universal Alternator. Not Insulated return.

B: 56.00 mm



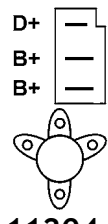
110977 Alternator 28 V, 35 Amp

Replacing: NAB501, NAB901

Servicing: Universal

Terminal W, Pulley P, Grooves 1, B+ M6, Length 165.50

A: 41.80 B: 11.00 C: 84.00 mm



111204 Alternator 14 V, 70 Amp

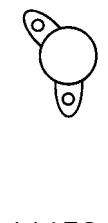
Replacing: 23986, 23986A, 23991, 23991A, 23999, 23999A, 23999B, 24014, 24014A, 24016, 24016A, 24017, 24017A, 9AR2612, 9AR2613, 9AR2916, 9AR2699, 432836, 436140, 436167, VA111, VA174

Servicing: Austin, Case, Jaguar, Rover, TVR

Pulley P, Grooves 1, B+ M6, Length 166.00

w/ mounting bearing bracket for left and right engine side.

A: 54.15 B: 27.00 mm



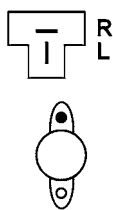
111658 Alternator 28 V, 55 Amp

Replacing: 9231090539

Servicing: Volvo, Volvo BM, Volvo Penta, Renault, Renault V.I.

Terminal W, Pulley w/o, B+ M6, Length 185.00, Insulated return Yes

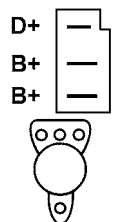
B: 50.75 mm



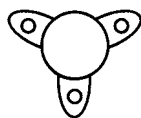
111832 Alternator 14 V, 40 Amp
 Replacing: STM1243
 Servicing: Mitsubishi
 Terminal W, Pulley P, Grooves 1,
 B+ M5, Length 154.50
 A: 42.00 B: 16.75 C: 41.00 mm



112182 Alternator 28 V, 80 Amp
 Servicing: Scania
 Terminal W, Pulley w/o, B+ M6,
 Length 182.00
 As HC-CARGO 111834 (55 A).
 B: 80.10 mm



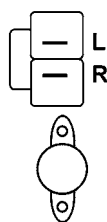
112237 Alternator 14 V, 70 Amp
 Replacing: NAB900M
 Servicing: Marine, Various
 Terminal W, Pulley P, Grooves 1,
 B+ M6, Length 175.00,
 Insulated return Yes
 Pulley distance is ok from 34.00 to 43.00 mm.
 A: 34.00 B: 10.90 C: 84.00 mm



112561 Alternator 28 V, 80 Amp
 Replacing: 16068211
 Servicing: Mercedes-Benz, MAZ
 Terminal W, Pulley w/o, B+ M8,
 Length 188.00
 Alternative no.: 116654
 B: 80.00 mm



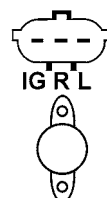
113152 Alternator 14 V, 90 Amp
 Replacing: NAB9000M
 Servicing: Marine Various
 Terminal W, Pulley P, Grooves 1,
 B+ M6, Length 181.00,
 Insulated return Yes
 For right and left mounting.
 A: 44.50 B: 13.50 C: 82.20 mm



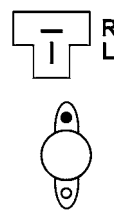
113506 Alternator 28 V, 40 Amp
 Replacing: A433766
 Servicing: Mitsubishi
 Terminal W, Pulley DP, Grooves 2,
 B+ M8, Length 185.00
 A: 43.00 B: 13.10 C: 81.60 mm



113650 Alternator 28 V, 80 Amp
 Replacing: 160-68223
 Servicing: Various Industrial applications,
 Volvo
 Terminal W, Pulley w/o, B+ M8,
 Length 178.00
 Heavy Duty version of Cargo 113186
 B: 13.80 C: 90.90 mm



113743 Alternator 14 V, 20 Amp
 Replacing: GP9906
 Servicing: Industrial, Various Industrial ap-
 plications
 Pulley P, Grooves 1, B+ 6.30,
 Length 97.00
 A: 44.00 B: 15.00 mm



113793 Alternator 14 V, 55 Amp
 Replacing: LR155-20, LR155-20B, LR155-29,
 LRA00348, LRA01248, VA225
 Servicing: Yanmar
 Pulley P, Grooves 1, B+ M5,
 Length 184.00, Insulated return Yes
 A: 42.00 B: 13.00 C: 80.00 mm



114348 Alternator 28 V, 150 Amp
 Replacing: 37018000002, ATS92905
 Servicing: Golden Dragon, Thermo King,
 Yutong, Zhongtong
 Pulley w/o, B+ 5/16" UNC, Length 266.40
 For battery less system.
 B: 13.00 C: 102.20 mm



114516 Alternator 14 V, 14 Amp
 Replacing: 05740466, 15531-64013, 15531-
 64016, 15531-64017, 6C040-59252, EG673-
 64010
 Servicing: Kubota
 Pulley P, Grooves 1, Length 79.00
 A: 64.00 B: 16.00 mm



114657 Alternator 14 V, 14 Amp
 Replacing: 6A830-59250
 Servicing: Various Industrial applications
 Pulley P, Grooves 1
 A: 62.00 B: 16.00 mm



115851 Alternator 28 V, 60 Amp
 Replacing: 11.203.100, 11.204.584, AAK5365, AAK5852
 Servicing: Agco Power (Sisu diesel)
 Terminal W, Pulley w/o, B+ M6, Length 190.00, Insulated return Yes
 B: 56.00 mm



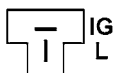
116079 Alternator 14 V, 90 Amp
 Replacing: 8MR2197T, 8MR2349
 Servicing: Thermo King
 Pulley w/o, B+ 1/4" UNC, Length 195.00, Insulated return No
 B: 27.40 mm



116150 Alternator 14 V, 70 Amp
 Replacing: 19020618
 Servicing: Mercury
 Pulley SP, Grooves 6, Fan IF, B+ M6, Length 177.00
 A: 91.50 B: 61.00 mm

NEW PRODUCT
www.hc-cargo.com

116548 Alternator 14 V, 20 Amp
 Replacing: 185046160, 550185046160, GP9150, MIA10312
 Servicing: John Deere
 Pulley P, Grooves 1
 A: 51.00 B: 16.50 mm



116549 Alternator 14 V, 15 Amp
 Replacing: 121450-77200
 Servicing: Yanmar
 Grooves 1, Length 79.00
 A: 65.00 B: 14.00 mm



116550 Alternator 14 V, 95 Amp
 Replacing: 11.201.790, 11.203.062, 11.203.063, 11.203.397, 11.203.398, 11.204.037, AAK5141, AAK5335, AAK5336, LRA02938, LRA03181, 439881
 Servicing: Volvo Penta
 Terminal W, Pulley w/o, Fan IF, B+ M8, Length 193.00
 Alternative no.: 113768
 B: 56.00 mm



116654 Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 16068211
 Servicing: MAZ, Mercedes-Benz
 Terminal W, Pulley SP, Grooves 8, Fan EF, B+ M8, Length 188.00
 Alternative no.: 112561



110482 ★ Dynamo 12 V, 22 Amp

Manufacturer: Lucas

Replacing: DNL12-22, 1516986, 69EB10002C1, 69EB10002CA, 22250, 22258, 22272, 22295, 22297, 22700, 22700L, 22700R, 22704, 22704A, 22704D, 22704H, 22704J,

Servicing: Austin, Case, Ford, Lotus, MG, Morris, Triumph, Various Agriculture Vehicles

Pulley w/o, Length 230.00, Blower w/o



110483 ★ Dynamo 12 V, 11 Amp

Manufacturer: Lucas

Replacing: DNL12E-42

Servicing: Allis Chalmers, Case, Massey Ferguson

Length 226.00, Blower w/o



110483 ★ Dynamo 12 V, 11 Amp

Manufacturer: Lucas

Replacing: DNL12E-42, 22255, 22259, 22259D, 22703, 22703F, 22703K, 22703L, 22703M, 22708, 22719, 22719H, 22719J, 22733, 0986080200

Servicing: Allis Chalmers, Case, Massey Ferguson

Length 226.00, Blower w/o



110484 ★ Dynamo 12 V, 22 Amp

Manufacturer: Lucas

Replacing: C7NN10000C, 22756, 22756A, 22756B, 22756C, 22756D, 22756E, 22756G, 22756H, 22758, 22758A, 22758E, 22761, 22761B

Servicing: Allis Chalmers, Case, Ford, Massey Ferguson

Pulley w/o, Length 238.00, Blower w/, Insulated return No



111225 Dynamo 12 V, 30 Amp

Replacing: 0101302067, 0101302068, 0101302075, 0101302076, 0101302085, 0101302086, 0101302111, 0101302112, LRD00109, 436224, 437646

Servicing: VW

Pulley w/o, Length 160.00, Blower w/o



111919 Dynamo 12 V, 11 Amp

Replacing: G113-01A

Servicing: Harley Davidson

Terminal M5, Pulley w/o, Length 235.00, Blower w/o

Regulator: HC-CARGO 235781.

NEW PRODUCT

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116436 Dynamo 12 V, 11 Amp

Manufacturer: Lucas

Replacing: 0101209033, 0101209039, 0101209041

Length 226.00, Blower w/o



COM

NEW PRODUCT

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116476 Alternator 14 V, 80 Amp

Manufacturer: Mitsubishi

Replacing: A005TG0192, A005TG0192A, A005TG0192B, A5TG0192, A5TG0192A, A5TG0192B, A5TG192B, 0986082740, LRA03252, 440881, 443282

Servicing: Citroen, Dongfeng Citroen, Peugeot

Pulley SP, Grooves 6, Fan IF, B+ M8, Length 172.50

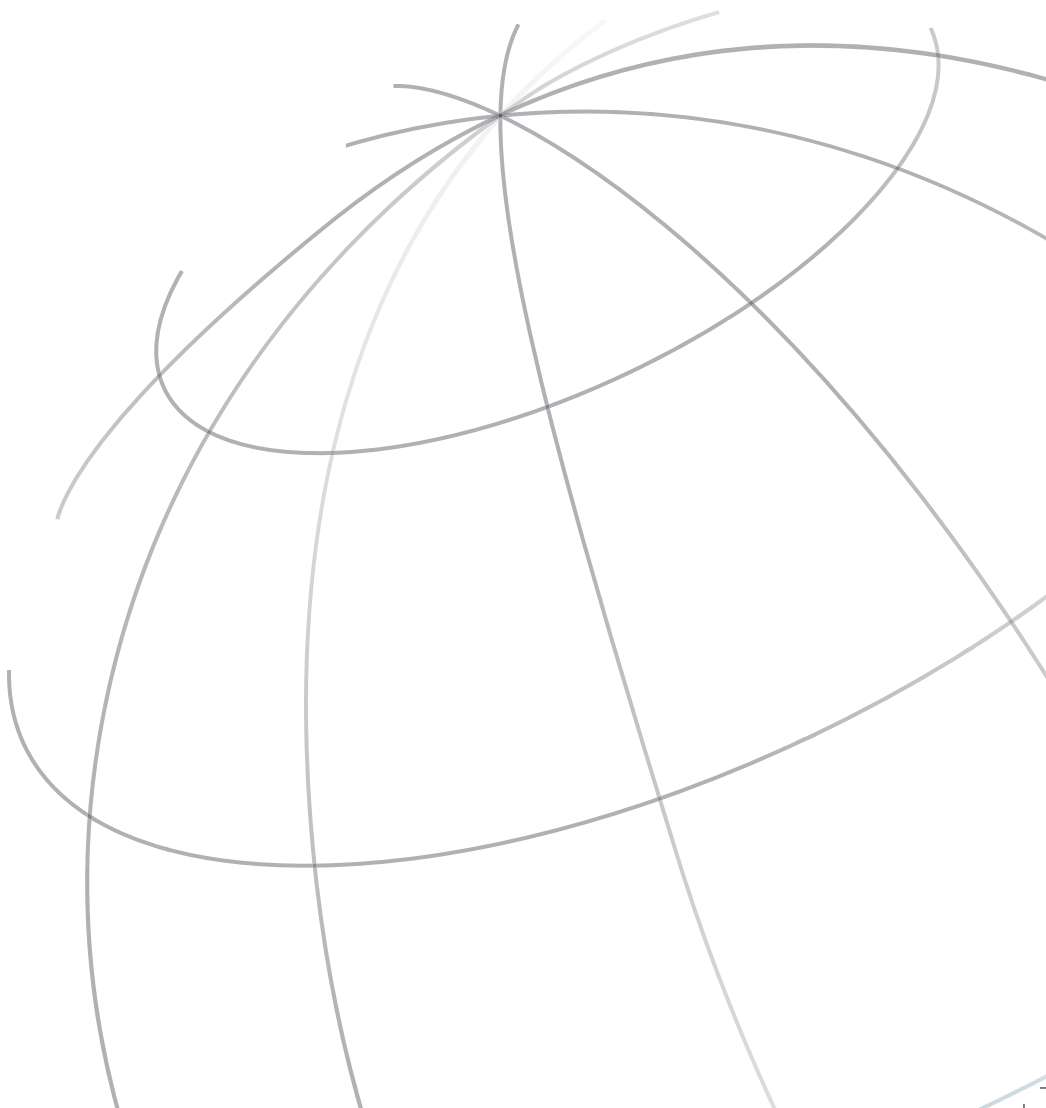
Alternative no.: 115474 ★

A: 42.00 B: 21.80 C: 45.50 mm



Starters

Edition 2023/2025





110149 Starter 12 V, 0.9 kW
 Replacing: 9000692069
 Servicing: Mazda, Mercury
 B+ M8, Length 198.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (2)
 A: 74.00 B: 15.00 mm



110182 Starter 12 V, 0.9 kW
 Replacing: 1986S10028, 1986S10065
 Servicing: Mitsubishi, Various Agriculture
 Vehicles, Yale
 B+ M8, Length 196.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm



110205 Starter 24 V, 6.5 kW
 Replacing: 0001411008, 0001411012,
 0001417041, 9000084019, 9000084024
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Waterproof
 A: 89.00 B: 47.50 mm



110206 Starter 24 V, 5.4 kW
 Replacing: 0001410002, 0001410088,
 0001415001, 0001416002, 0001416078,
 0001416079, 0001416202, 0001416279
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Neoplan, Setra
 B- M10, B+ M12, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



110207 Starter 24 V, 5.4 kW
 Replacing: 0001402057, 0001410046,
 0001414019, 0001415013, 0001416005,
 0001416007, 0001416070, 0001416205
 Servicing: Volvo, Volvo BM
 B- M10, B+ M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110208 Starter 24 V, 5.4 kW
 Replacing: 0001402053, 0001410044,
 0001411016, 0001414008, 0001415004,
 0001415016, 0001416008, 0001416009
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo
 B- M10, B+ M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Waterproof
 A: 89.00 B: 48.00 mm



110209 Starter 24 V, 5.4 kW
 Replacing: 0001410067, 0001416043,
 9000084008
 Servicing: DAF
 B- M10, B+ M12, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110210 Starter 24 V, 6.6 kW
 Replacing: 0001330065, 0001410024,
 0001411009, 0001417001, 0001417038,
 0001417051, 0001417078
 Servicing: Fiat-Allis, Kässbohrer, MAN, Mer-
 cedes-Benz, Mitsubishi, Neoplan, Ssangyong
 B- M10, B+ M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 Not suitable for biogas plants
 A: 92.00 B: 47.50 mm



110212 Starter 24 V, 6.6 kW
 Replacing: 0001410098, 0001410115,
 0001411005, 0001415014, 0001415015,
 0001416048, 0001417045, 0001417046
 Servicing: Iveco, Pegaso, Scania, Toyota
 B- M10, B+ M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.65 mm



110213 Starter 24 V, 6.6 kW
 Replacing: 0001410065, 0001411025,
 0001417005, 1986S00060
 Servicing: Fiat, Iveco
 B- M10, B+ M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 115.00 B: 20.80 mm



110214 Starter 24 V, 6.6 kW
 Replacing: 0001410037, 0001415008,
 0001417043, 0001417143, 0001501020,
 0001501029, 0001501033, 0001501035
 Servicing: Scania
 B- M10, B+ M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 92.00 B: 37.00 mm



110315 Starter 12 V, 0.9 kW
 Replacing: 1986S10026
 Servicing: Dodge, Hyundai, Kia, Mitsubishi,
 Plymouth, Proton
 B+ M8, Length 208.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (2)
 A: 77.00 B: 18.40 mm


110336 Starter 12 V, 0.75 kW

Replacing: 0001208219, 0001208513, 0001208521, 0001208706, 0001208715, 0001208718, 0001211049, 0001211206

Servicing: Ford, Mercury, Triumph
B+ M8, 15a M5, Length 243.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)
A: 89.00 B: 28.00 mm


110347 Starter 24 V, 7.5 kW

Replacing: 0001420002, 0001420006, 0001420008, 0001420010, 0001420011

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco, Scania

B- 1/2" UNC, B+ 1/2" UNC, Length 522.00, Drive type Steel, Mount. holes 3 (0), Gear type DD, Insulated return Yes, Oil sealed
Replacing: 50MT.

A: 92.00 B: 47.00 mm


110352 Starter 12 V, 1.3 kW

Replacing: 0001208218

Servicing: Fiat, Lada

B+ M8, Length 201.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (3)

A: 82.50 B: 22.50 mm


110363 Starter 12 V, 0.7 kW

Replacing: 0001211012, 0001211013, 0001211014, 0001211992, 0001211993, 0001211997, 0001211998, 0001221992

Servicing: BMW, Porsche, VW

B+ M8, Length 214.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)
Bushings D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


110365 Starter 12 V, 0.8 kW

Replacing: 9000141101, 9000141107, 9000330939, 9000333122, 9000334102, 9004475323

Servicing: Autobianchi, Fiat, Lancia, Seat

B+ M8, Length 236.50, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 62.00 B: 12.50 mm


110367 Starter 12 V, 1.0 kW

Manufacturer: Lucas

Replacing: 9000141100, 9000141103, 9000141111, 9000141112, 9000330119, 9000330910, 9000330937, 9000330950

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Length 200.00, Drive type Steel, Gear type DD, Mount. holes 3 (2)

A: 66.00 B: 10.50 mm


110368 Starter 12 V, 2.3 kW

Replacing: 0001362001, 0001362002, 0001362029, 0001362030, 0001362047, 0001362600, 0001362601, 9000143406

Servicing: Audi, Mercedes-Benz, Volvo

B+ M10, Length 289.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.50 B: 21.00 mm


110394 Starter 12 V, 0.85 kW

Replacing: 0001112032, 1986S00841, 9000333121

Servicing: Chevrolet, GEO, Suzuki

B+ M8, Length 207.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.85 B: 4.35 mm


110397 Starter 12 V, 1.0 kW

Replacing: 1986S00562

Servicing: Daihatsu, Toyota, VW

B+ M8, Length 181.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 73.95 B: 18.50 mm


110409 Starter 12 V, 3.0 kW

Replacing: 0001400006, 0001401005, 0001401036, 0001401037, 0001401044, 0001401045, 0001413003, 0001418002

Servicing: Kaelble, Mack, Sennebogen

B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110436 Starter 12 V

Replacing: 0001421004, 0001421006

Servicing: Caterpillar, Clark, Mack, Various

B- 1/2" UNC, B+ 1/2" UNC, Length 496.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes, Oil sealed
Replacing: 42MT.

A: 92.00 B: 46.00 mm


110439 Starter 12 V, 2.0 kW

Replacing: 0001362008, 9000143400, 9000143404

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 25.00 mm



110443 Starter 12 V, 2.1 kW
 Replacing: 0001362020, 0001362093, 9000143413
 Servicing: Austin, Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover
 B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



110460 Starter 12 V, 2.8 kW
 Replacing: 0001359126, 0001367022
 Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson
 B+ M8, Length 307.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



110461 Starter 12 V, 2.8 kW
 Replacing: 0001358200, 0001358201, 0001358202, 0001362307, 1986500598
 Servicing: Ford, Lancer Boss, Various Agriculture Vehicles
 B+ M8, 30h M5, Length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



110462 Starter 12 V, 2.8 kW
 Replacing: 0001359104, 0001362067, 9007044014
 Servicing: Buhner, Case, Case IH, Fiat-Allis, Ford, Manitou, Matbro, New Holland, Terex
 B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115391.
 Alternative no.: 116137
 A: 92.00 B: 20.00 mm



110465 Starter 12 V, 2.8 kW
 Replacing: 0001359082
 Servicing: Ford
 B- M8, B+ M8, Length 320.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 20.00 mm



110512 Starter 24 V, 5.4 kW
 Replacing: 0001402008, 0001402023, 0001402037, 0001402041, 0001402054, 0001402055, 0001402064, 0001402075
 Servicing: Agco, Agco Allis, Ahlmann, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Irmer
 B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110517 Starter 24 V, 3.2 kW
 Replacing: 0001363101, 0001363111, 1986500065
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 295.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110518 Starter 24 V, 4.0 kW
 Replacing: 0001360063, 0001368020
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110519 Starter 12 V, 3.0 kW
 Replacing: 0001359071, 0001367030
 Servicing: Fiat, Iveco, Volvo
 B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110520 Starter 24 V, 4.0 kW
 Replacing: 0001359127, 0001360007, 0001360027, 0001368021, 9004475035
 Servicing: Cummins, Fiat, Fiat-Allis, Renault
 B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



110521 Starter 24 V, 4.0 kW
 Replacing: 0001360015, 0001360043, 0001368019
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110522 Starter 12 V, 3.0 kW
 Replacing: 0001230009, 0001359122, 0001367029, 0986012720
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland
 B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.50 mm


110523 Starter 24 V, 4.0 kW

Replacing: 0001360003, 0001360012, 0001360014, 0001360030, 0001360035, 0001368001, 0001368007, 0001368088

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


110524 Starter 24 V, 4.0 kW

Replacing: 0001360008, 0001360011, 0001360022, 0001360034, 0001360037, 0001360052, 0001360065, 0001363307

Servicing: Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110525 Starter 12 V, 3.0 kW

Replacing: 0001358048, 0001359043, 0001359084, 0001367034, 0001367059, 0001367300, 0001367301, 0001367303

Servicing: Claas, Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110527 Starter 24 V, 4.0 kW

Replacing: 0001360010, 0001360017, 0001360038, 0001360039, 0001360057, 0001368010, 0001368301, 0001368316

Servicing: Scania, Steyr, Toyota

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return No Not Insulated return.

A: 89.00 B: 48.00 mm


110529 Starter 12 V, 3.0 kW

Replacing: 0001359021, 0001359102, 0001367023, 0001367028, 0001367082, 1986S10072

Servicing: Agrifull, BENFRA, Case IH, Fiat, Fiat-Allis, Iveco, Lister-Petter, New Holland, Terex B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Gear reduction HC-Cargo 113182

A: 110.00 B: 27.00 mm


110530 Starter 12 V, 3.0 kW

Replacing: 0001354014, 0001354033, 0001354090, 0001358003, 0001358006, 0001358014, 0001358020, 0001358028

Servicing: Huerlimann, Lamborghini, Same

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 22.00 mm


110531 Starter 24 V, 6.6 kW

Replacing: 0001410015, 0001410041, 0001417017, 0001417036, 0009410041, 9009410041

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

B- M10, B+ M12, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 0 (0)

A: 56.00 B: 37.00 mm


110532 Starter 24 V, 6.6 kW

Replacing: 0001411017, 0001411026, 0001417006, 0001417073, 0001417074

Servicing: Iveco

B- M10, B+ M12, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof

A: 115.00 B: 21.00 mm


110533 Starter 24 V, 5.4 kW

Replacing: 0001410062, 0001415011, 0001416003

Servicing: Steyr

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


110534 Starter 24 V, 5.4 kW

Replacing: 0001410053, 0001410063, 0001410099, 0001410109, 0001416029, 0001416030, 0001416035

Servicing: Ford, Iveco, Various Agriculture Vehicles

B+ M10, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110535 Starter 24 V, 5.4 kW

Replacing: 0001410111, 0001416036

Servicing: Fiat, Iveco

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110536 Starter 12 V, 2.7 kW

Replacing: 0001358027, 0001358044, 0001358046, 0001358049, 0001358073, 0001358305, 0001359012, 0001359027

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer

B+ M10, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0) Magnetron.

Alternative no.: 116086

A: 89.00 B: 28.00 mm



110537 Starter 12 V, 3.6 kW

Replacing: 0001401007, 0001401011, 0001401017, 0001401025, 0001401034, 0001401035, 0001401049, 0001401050

Servicing: Mercedes-Benz, Volvo BM

B- M10, B+ M10, Length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110538 Starter 12 V, 3.6 kW

Replacing: 0001401023, 0001401060, 0001418009, BNG4/12CR238

Servicing: Volvo Penta

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 89.00 B: 47.00 mm



110539 Starter 12 V, 3.6 kW

Replacing: 0001413017, 0001418014

Servicing: Claas, Mercedes-Benz, New Holland

B- M10, B+ M10, Length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



110545 Starter 12 V, 3.0 kW

Replacing: 0001359010, 0001359047, 0001359124, 0001367032, 0001367067, 9009453089

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110551 Starter 12 V, 3.0 kW

Replacing: 0001359001, 0001359048, 0001359053, 0001359056, 0001359099, 0001367009

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, Length 326.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110552 Starter 12 V, 1.1 kW

Replacing: 0001107078, 0001108181, 1986500659

Servicing: Ford, JCB, John Deere, Volvo Penta

B+ M8, Length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



110565 Starter 12 V, 2.8 kW

Replacing: 0001367040, 9004475058

Servicing: Eicher, Massey Ferguson

B- M8, B+ M8, Length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm



110566 Starter 24 V, 5.2 kW

Manufacturer: Prestolite

Replacing: 0001311008

Servicing: Perkins

B+ M8, Length 371.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.75 mm



110574 Starter 12 V, 2.0 kW

Replacing: 1986500617

Servicing: Nissan

B+ M8, Length 224.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 11.00 mm



110582 Starter 24 V, 5.4 kW

Replacing: 0001410106, 0001415017, 0001416011, 0001416052, 0001416211

Servicing: Iveco

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



110584 Starter 12 V, 1.2 kW

Replacing: 0001112007, 0001112019, 0001112029, 0001112041, F000AL0327

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

B: -6.00 mm



110585 Starter 12 V, 1.2 kW

Replacing: 0001208515, 0001208517, 0001208526, 0001208528, 0001208717, 9000333117

Servicing: Renault, Volvo

B+ M8, Length 214.15, Drive type Steel, Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm



110587 Starter 12 V, 1.2 kW
 Replacing: 0001208516, 0001208707
 Servicing: Citroen, Peugeot
 B+ M8, Length 208.20, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -5.00 mm



110601 Starter 24 V, 5.4 kW
 Replacing: 0001402043, 0001402059,
 0001410029, 0001410030, 0001414017,
 0001415010, 0001416013, BNG4/24CR165SR
 Servicing: Mercedes-Benz, Steyr, Volvo
 B+ M10, Length 386.25, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.50 mm



110615 Starter 12 V, 2.8 kW
 Replacing: 1986S00601, 9004475035
 Servicing: Agco Allis, Agco White, Allis Chalmers,
 Atlas Copco, Bobcat, Caterpillar, Gehl, Hako, JCB
 B- M8, B+ M8, Length 312.25,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 HC-CARGO 115393 4.0 kW. Alternative
 no.: 113534
 A: 89.00 B: 29.50 mm



110640 Starter 12 V, 3.0 kW
 Replacing: 0001359091, 0001367014
 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long
 B+ M10, Length 339.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.00 mm



110772# Starter 12 V, 1.0 kW
 Replacing: 0001311016, 0001311025, 0001311045
 Servicing: BMW
 B+ M8, 15a 6.30, Length 271.25,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 27.30 mm



110775 Starter 12 V, 1.8 kW
 Replacing: 0001362003, 0001362004,
 0001362027, 0001362028, 0001362038
 Servicing: Claas, Mercedes-Benz
 B+ M10, Length 288.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 2 (0)
 A: 83.00 B: 20.00 mm



110811 Starter 12 V, 1.2 kW
 Replacing: F005M00011
 Servicing: Dodge, Eagle, Great Wall, Hyun-
 dai, Kia, Mazda, Mitsubishi, Plymouth
 B+ M8, Length 206.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 17.25 mm



110813 Starter 12 V, 2.7 kW
 Replacing: 0001223503, 0001223504,
 0001362032, 0001362039, 0001362105,
 F002G20108, 0986012670
 Servicing: Agrifull, Allis Chalmers, BENFRA, Case,
 Case IH, Fiat, Fiat-Allis, Ford, Goldoni, Iveco
 B+ M10, Length 294.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110814 Starter 12 V, 2.7 kW
 Replacing: 0001362062, 0399180000
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco,
 Lancia, Massey Ferguson, Renault
 B+ M10, Length 296.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.80 mm



110818 Starter 12 V, 2.1 kW
 Replacing: 0001362060, 0001362084
 Servicing: Case, Fiat-Allis, Massey Ferguson
 B+ M8, 15a 6.30, Length 309.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 24.60 mm



110819 Starter 12 V, 2.8 kW
 Replacing: 0000001362049
 Servicing: Eicher, Massey Ferguson, Perkins
 B+ M8, Length 311.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 23.00 mm



110831 Starter 12 V, 0.8 kW
 Replacing: 0001208220, 0001208514,
 0001208519, 0001211237, 0001211239,
 0001211515
 Servicing: Ford
 B+ M8, Length 258.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 31.00 mm


110839 Starter 12 V, 1.7 kW

Replacing: 0001110012, 0001110055, 0001110115, 0001317013, 0001317022, 0001317025, 8001117012

Servicing: Opel, Vauxhall

B+ M8, Length 269.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.00 B: 19.60 mm


110858 Starter 12 V, 0.7 kW

Replacing: 0001211221, 0001211222, 9000692062

Servicing: VW

B+ M8, 15a 6.30, Length 224.50,

Drive type Steel, Gear type DD,

Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 44.00 mm


110867 Starter 12 V, 1.7 kW

Replacing: 0001110013, 0001110019, 0001110043, 0001110064, 0001110088, 0001110104, 0001110105, 0001317023

Servicing: Audi, Ford, Mazda

B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 14.25 mm


110842 Starter 12 V, 1.4 kW

Replacing: 0001108035, 0001108084, 0001108109, 0001108118, 0001108119, 0001108133

Servicing: Ford, Merkur, VW

B+ M8, Length 243.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 5.00 mm


110862 Starter 12 V, 1.5 kW

Replacing: 0001314027, 0001314035, 0001314036

Servicing: Mercedes-Benz, Puch (Steyr-Daimler)

B+ M8, 15a M5, Length 265.00,

Drive type Steel, Gear type DD/GR,

Mount. holes 2 (2)

A: 82.50 B: 25.40 mm


110932 Starter 24 V, 5.4 kW

Replacing: 0001410057, 0001410068, 0001416044

Servicing: DAF

B- M10, B+ M10, Length 384.50,

Drive type Steel, Gear type DD,

Mount. holes 3 (0), Insulated return Yes

A: 88.85 B: 47.00 mm


110844 Starter 12 V, 2.2 kW

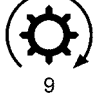
Replacing: 0001218011, 0001218122

Servicing: Bedford, Ferrari, Goldoni, Lombardini, Opel, Valpadana, Vauxhall, VW

B+ M8, Length 278.45, Drive type Steel,

Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 16.00 mm


110864 Starter 12 V, 0.7 kW

Replacing: 0001212206, 0001212207, 9000692051

Servicing: VW

B+ M8, 15a 6.30, Length 225.00,

Drive type Steel, Gear type DD/GR,

Clutch type Dry, Mount. holes 3 (0)

A: 82.50 B: 15.00 mm


110980 Starter 24 V, 5.4 kW

Replacing: 0001416061, 0001416065

Servicing: Volvo

B- M10, B+ M10, Length 387.00,

Drive type Steel, Gear type DD,

Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


110847 Starter 12 V, 1.4 kW

Replacing: 0001108047, 0001108078, 0001108079, 0001108151, 0001108171, 0001108184, 0001131112, 0001208225

Servicing: Opel, Saab, Toyota, Vauxhall

B+ M8, Length 242.50, Drive type Steel,

Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm


110865 Starter 12 V, 0.95 kW

Replacing: 0001208709, 0001208710, 0001208711, 0001208712, 0001208713, 0001208714, 0001211504, 0001211505

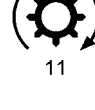
Servicing: Audi, VW

B+ M8, Length 220.00, Drive type Steel,

Gear type DD/GR, Mount. holes 3 (3)

Bushing D.E. (clutch house): HC-CARGO 140500.

A: 82.50 B: 15.00 mm


110981 Starter 24 V, 5.4 kW

Replacing: 0001416062, 0001416067

Servicing: DAF

B- M10, B+ M12, Length 387.00,

Drive type Steel, Gear type DD,

Mount. holes 3 (0)

A: 110.00 B: 47.50 mm



110996# Starter 12 V, 1.7 kW

Manufacturer: Mahle Letrika

Replacing: 0001317009, 0001317010, 0001317014, 0001317015, 0001317018, 0001317019, 0001317020, 0001317021

Servicing: VW

B+ M8, Length 265.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

Alternative no.: 116349

A: 76.00 B: 32.00 mm



110999 Starter 24 V

Replacing: 0001420001, 0001420003, 0001420004, 0001420005, 0001420009, 0001420013

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt, Various, Volvo

B- 1/2" UNC, B+ 1/2" UNC, Length 499.50, Drive type Steel, Mount. holes 3 (0), Gear type DD, Insulated return Yes, Oil sealed

Replacing: 42MT.

A: 92.00 B: 46.50 mm



111000 Starter 24 V, 6.5 kW

Replacing: 0001371018, 0001420007

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis, Ingersoll-Rand

B- 1/2" UNC, B+ 1/2" UNC, Length 497.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes, Oil sealed

Replacing: 42MT. w/ rotating D.E. Bracket.

A: 92.00 B: 46.00 mm



111001 Starter 12 V, 3.0 kW

Replacing: 0001230012, 0001262029, 0001262030, 0001358005, 0001359038, 0001359056, 0001359083, 0001359113

Servicing: Lamborghini, Same, Steyr

B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 21.60 mm



111003 Starter 24 V, 5.4 kW

Replacing: 0001410052, 0001410094, 0001415007, 0001416004

Servicing: Hanomag, Mercedes-Benz

B- M10, B+ M10, Length 387.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm



111004 Starter 12 V, 2.4 kW

Replacing: 0001358047, 0001362046

Servicing: Atlas Copco, KHD

B+ M10, Length 294.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 19.50 mm



111010 Starter 12 V, 1.4 kW

Replacing: 0001108001, 0001108002, 0001108009, 0001108010, 0001108016, 0001108017, 0001108026, 0001108027

Servicing: Audi, Ford, VW

B+ M8, 15a 6.30, Length 243.25, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 20.80 mm



111015 Starter 12 V, 1.1 kW

Replacing: 0001107033, 0001107051, 0001107062, 0001107085, 0001108129, 1986S00656

Servicing: Lombardini, Various Agriculture Vehicles

B+ M8, Length 209.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.20 B: 15.00 mm



111025 Starter 12 V, 0.8 kW

Replacing: 0001211536

Servicing: Autobianchi, Fiat, Lancia

B+ M8, Length 209.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)

A: 64.00 B: 11.00 mm



111029 Starter 12 V, 1.4 kW

Replacing: 0001108074, 0001108112, 0001108125, 0001108162

Servicing: BMW, Citroen, Nissan, Peugeot, Rover

B+ M8, Length 207.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

A: 62.00 B: -5.00 mm



111041 Starter 12 V, 2.8 kW

Replacing: 0001359029, 0001359058, 0001359114, 0001362302

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, Length 338.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm



111046 Starter 24 V, 6.6 kW

Replacing: 0001417002

Servicing: MAN, Volvo

B+ M10, Length 404.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 48.00 mm



111047 Starter 12 V, 3.1 kW

Replacing: 0001359119, 0001367049

Servicing: Renault, Volvo, Volvo Penta

B- M8, B+ M8, Length 303.50, Drive type Steel, Gear type GR, Mount. holes 3 (0), Insulated return Yes

A: 89.00 B: 47.70 mm



111054 Starter 12 V, 1.1 kW

Replacing: 0001305016, 0001311001, 0001311027, 0001311032, 0001311103, 0001311104, 0001311114, 0001311127

Servicing: Volvo, Volvo Penta

B+ M8, 15a 4.80, Length 263.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

Bosch OE do not have threaded Mounting holes.

A: 82.40 B: 35.00 mm



111059 Starter 12 V, 0.9 kW

Replacing: 0001106001, 0001106002, 0001107007, 0001107008, 0001108094, 0001112003, 0001112004, 0001113011

Servicing: Austin, Fiat, Seat, VW

B+ M8, 15a 6.30, Length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0) Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm



111060 Starter 12 V, 1.7 kW

Replacing: 0001110001, 0001110002, 0001110014, 0001110015, 0001110133, 0001110134, 0001117008, 0001125015

Servicing: VW

B+ M8, Length 264.35, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 31.80 mm



111061 Starter 12 V, 0.8 kW

Replacing: 0001211251, 0001211252, 0001211253, 0001211254

Servicing: VW

B+ M8, Length 230.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.10 B: 44.50 mm



111063 Starter 12 V, 1.2 kW

Replacing: 9000333114

Servicing: Citroen, Peugeot, Renault

B+ M8, Length 208.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (3)

B: -6.00 mm



111065 Starter 12 V, 2.2 kW

Replacing: 0001218006, 0001218021, 0001218108, 0001218165, 0001218765, B001233121, B001233172, B001233261

Servicing: Daewoo, Mercedes-Benz, Ssangyong

B+ M8, Length 276.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.30 B: 26.50 mm



111066 Starter 12 V, 1.05 kW

Replacing: 0001208507, 9000331702

Servicing: Citroen, Fiat, Peugeot, Talbot

B+ M8, Length 197.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 65.90 B: 21.00 mm



111069 Starter 12 V, 1.7 kW

Replacing: 0001110009, 0001110010, 0001310013, 0001317006, 0001317011, 0001317012, 0001317016, 0001317017

Servicing: VW

B+ M8, Length 290.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 42.50 mm



111070 Starter 12 V, 1.7 kW

Replacing: 0001109010, 0001109026, 0001110017, 0001110056, 0001314034, 1986S00716

Servicing: Citroen, DS, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

B+ M8, Length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -6.50 mm



111100 Starter 12 V, 0.7 kW

Replacing: 9000141015, 9000141104

Servicing: Citroen

B+ M8, Length 207.75, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm



111103 5★ Starter 12 V, 0.8 kW
 Manufacturer: Lucas
 Replacing: 9004475300
 Servicing: Hillman, MG, Morris, Triumph, Various Agriculture Vehicles, Vauxhall
 B+ M8, Length 321.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 88.80 B: 45.00 mm



111112 Starter 12 V, 2.0 kW
 Replacing: 0001362069, 0001362070, 0001362077, 0001362078, 0001362083
 Servicing: Audi, Volvo, VW
 B+ M10, Length 287.75, Drive type Steel, Gear type DD, Mount. holes 2 (2)
 A: 82.45 B: 20.00 mm



111115 Starter 12 V, 2.2 kW
 Replacing: 0001218003, 0001218020, 0001218620
 Servicing: Citroen, Peugeot, Talbot
 B+ M8, Length 285.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 82.00 B: 29.00 mm



111120 Starter 12 V, 2.2 kW
 Replacing: 0001218004, 0001218005, 0001218017, 0001218111, 0001218112, 0001218130, B001233104, B001233112
 Servicing: Volvo, VW
 B+ M8, Length 272.65, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 82.35 B: 21.60 mm



111123 Starter 12 V, 0.9 kW
 Replacing: 0001106011, 0001106015, 0001112015, 0001112035, 9000081003, 9009081003, 0986010030
 Servicing: Chevrolet, Daewoo, Fiat, Opel, Vauxhall
 B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 67.95 B: 18.55 mm



111127 Starter 12 V, 1.4 kW
 Replacing: 0001108053, 0001108093, 0986014860
 Servicing: Opel, Pontiac, Vauxhall
 B+ M8, Length 183.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 Replacing: PG100.
 A: 68.00 B: 18.00 mm



111130 Starter 12 V, 1.1 kW
 Replacing: 0001107019, 0001107050, 0001107063, 1986S00655, F000AL0103, F000AL0120, F009AL0103
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 208.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (3)
 A: 65.90 B: -5.00 mm



111131 Starter 12 V, 0.8 kW
 Replacing: 0001108004, 0001112012, 0001112016, 0001112033, 0001112037, 0001113003, 0001113005, 0001113009
 Servicing: Austin, Ford, Mazda, Rover
 B+ M8, Length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)
 A: 76.15 B: 13.45 mm



111136 Starter 12 V, 1.4 kW
 Replacing: 0001310011
 Servicing: Opel, Vauxhall
 B+ M8, Length 199.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 77.90 B: 19.00 mm



111217 Starter 12 V, 3.0 kW
 Replacing: 0001401012, 0001401013, 0001401014, 0001401028, 0001401052, 0001401068, 0001413007, 0001413010
 Servicing: Volvo, Volvo BM
 B- M10, B+ M10, Length 386.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111218 Starter 24 V, 5.4 kW
 Replacing: 0001402079, 0001414011, 0001416028
 Servicing: Volvo Penta
 B- M10, B+ M10, Length 388.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 48.00 mm



111219 Starter 24 V, 6.6 kW
 Replacing: 0001410010, 0001410050, 0001411010, 0001415021, 0001416053, 0001417023
 Servicing: Volvo, Volvo Penta
 B- M10, B+ M10, Length 385.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 47.40 mm



111231 Starter 24 V, 6.6 kW

Replacing: 0001417053, 0001417061, 0001417153

Servicing: Renault V.I.

B- M10, B+ M10, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes
A: 89.00 B: 40.25 mm



111241 Starter 12 V, 1.2 kW

Replacing: F005M00013

Servicing: Dodge, Hyundai, Kia, Mitsubishi

B+ M8, Length 207.80, Drive type Steel, Gear type GR, Mount. holes 2 (2)
A: 73.00 B: 17.00 mm



111251 Starter 12 V, 1.1 kW

Replacing: 0001107036, 0001107047, 0986018591

Servicing: Renault, Volvo

B+ M8, Length 208.20, Drive type Steel, Gear type GR, Mount. holes 4 (4) Short version HC-CARGO 115442.

A: 66.00 B: -2.00 mm



111284 Starter 12 V, 2.5 kW

Replacing: 0001362035

Servicing: Lamborghini, Sabb, Various Agriculture Vehicles

B+ M10, Length 296.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



111304 5★ Starter 12 V, 2.7 kW

Manufacturer: Mahle Letrika

Replacing: 0001307025, 0001354013, 0001354038, 0001362074, 0001366005, 0001366014

Servicing: Sabb

B+ M10, Length 194.75, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 20.70 mm



111307 Starter 12 V, 1.2 kW

Replacing: 1986S00583

Servicing: Hyundai, Kia

B+ M8, Length 212.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm



111312 Starter 12 V, 0.8 kW

Replacing: 9007045016

Servicing: Nissan

B+ M8, Length 221.70, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 43.00 mm



111332 Starter 12 V, 2.7 kW

Replacing: 0001359025, 0001359072, 0001362025, 0001362043, 0001362306, 0001362314, 0001362341, 0001369017

Servicing: Case IH, Fendt, Renault, Renault Agriculture, Steyr

B+ M8, Length 293.55, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 21.00 mm



111334 Starter 12 V, 1.2 kW

Replacing: 0001157023

Servicing: BMW

B+ M8, Length 213.50, Drive type Steel, Gear type GR, Mount. holes 2 (2) Bosch 0001157023 has non threaded mounting holes

A: 62.00 B: 27.80 mm



111346 Starter 12 V, 2.8 kW

Replacing: 9004475061

Servicing: Massey Ferguson

B+ M8, Length 314.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm



111347 Starter 12 V, 1.2 kW

Replacing: 0001107037, 0001107048, 0001107072, 0001107096, 0001107403, 0001107416, 0001108003, 0001108008

Servicing: Daewoo, Mercedes-Benz, Ssangyong, VW

B+ M8, Length 219.80, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 25.00 mm



111399 Starter 24 V, 4.0 kW

Replacing: 0001368083, 1986S00066

Servicing: DAF

B- M8, B+ M10, Length 352.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 38.00 mm


111400 Starter 12 V, 1.4 kW

Replacing: 0001108018, 0001108064, 0001108249

Servicing: BMW

B+ M8, 30h M5, Length 246.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
A: 76.00 B: 22.00 mm


111422 Starter 12 V, 0.8 kW

Replacing: 0001113006, 0001116005, F000AL0319

Servicing: Fiat, Lancia

B+ M8, Length 206.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (1)
A: 64.00 B: 11.50 mm


111455 Starter 12 V, 0.8 kW

Replacing: 1986S00563

Servicing: Toyota

B+ M8, Length 201.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)
A: 74.00 B: 8.50 mm


111475 Starter 12 V, 0.8 kW

Replacing: 9000334103

Servicing: Suzuki

B+ M8, Length 185.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)
Alternative no.: 110421
A: 66.00 B: 18.00 mm


111489 Starter 12 V, 1.4 kW

Replacing: 0001108030, 0001108088, 0001311146, 0001311147

Servicing: Volvo

B+ M8, 15a 4.70, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
A: 82.50 B: 34.00 mm


111490 Starter 12 V, 1.4 kW

Replacing: 0001108031, 0001108052, 0001108056, 0001108154

Servicing: Eagle, Jeep

B+ M8, Length 245.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)
A: 66.00 B: 11.00 mm


111492 Starter 12 V, 1.4 kW

Replacing: 0001108123

Servicing: Chrysler, Dodge, Nissan, Plymouth

B+ M8, Length 226.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (2)
A: 82.00 B: 8.00 mm


111534 Starter 12 V, 1.4 kW

Replacing: 0001208023

Servicing: Opel, Vauxhall

B+ M8, Length 188.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
A: 78.00 B: 19.00 mm


111573 Starter 12 V, 2.8 kW

Replacing: 0001359116

Servicing: Avia, JCB, TCM, Various Agriculture Vehicles

B+ M8, Length 311.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)
A: 101.00 B: 25.50 mm


111585 Starter 12 V, 0.8 kW

Replacing: 9000330929, 9000330948

Servicing: Fiat, Lancia

B+ M8, Length 206.00, Drive type Steel, Gear type DD, Mount. holes 3 (3)
A: 61.90 B: 13.00 mm


111619 Starter 12 V, 1.7 kW

Replacing: 0001110025, 0001110082, 0001110125

Servicing: Fiat, Seat

B+ M8, Length 263.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
A: 82.50 B: 23.00 mm


111637 Starter 24 V, 4.0 kW

Replacing: 0001360026, 0001360058, 0001368034

Servicing: DAF

B+ M10, Length 341.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)
A: 88.80 B: 48.00 mm



111638 Starter 24 V, 4.0 kW
 Replacing: 0001231014, 1986S10073
 Servicing: Volvo
 B- M10, B+ M10, Length 334.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 3 (0)
 A: 89.00 B: 47.70 mm



111640 Starter 24 V, 4.0 kW
 Replacing: 0001368016, 0001368081
 Servicing: MAN
 B+ M10, Length 338.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.50 B: 28.00 mm



111641 Starter 12 V, 0.7 kW
 Replacing: 0001116001
 Servicing: Dacia, Renault
 B+ M8, Length 134.00, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 64.00 B: 0.50 mm



111680 Starter 12 V, 1.1 kW
 Replacing: 0001107059, 0001107082,
 1986S00961
 Servicing: Ford
 B+ M8, Length 211.75, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (2)
 A: 72.00 B: 15.00 mm



111685 Starter 12 V, 1.4 kW
 Replacing: 0001107066, 0001107411,
 0001107490, 0001107491, 1986S00681
 Servicing: Alfa Romeo, Fiat, Lancia
 B+ M8, Length 211.80, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 65.90 B: 10.80 mm



111693 Starter 12 V, 2.5 kW
 Replacing: 0001362102
 Servicing: Fiat, Iveco, Multicar
 B+ M10, Length 295.65, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (1)
 A: 110.00 B: 27.00 mm



111694 Starter 12 V, 1.8 kW
 Replacing: 0001110022, 0001110045,
 0001110046, 0001110066, 0001110067,
 0001110106, 0001110107, 0001110108
 Servicing: Audi, Ferrari, Multicar, Seat, Skoda, VW
 B+ M8, Length 270.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 16.00 mm



111724 Starter 12 V, 2.0 kW
 Replacing: 0001109033
 Servicing: Opel, Vauxhall
 B+ M8, Length 242.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.40 B: 21.00 mm



111737 Starter 12 V, 2.8 kW
 Manufacturer: Lucas
 Replacing: 9004475035
 Servicing: Atlas Copco, Bedford, Fiat-Allis,
 Massey Ferguson, Perkins, Sampo-Rosenlew
 B+ M8, Length 314.75, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (0)
 A: 89.00 B: 28.50 mm



111748 Starter 12 V, 1.1 kW
 Replacing: 0001107020, 0001107021,
 0001107052, 0001107053, 0001112038,
 0001112039, 0001113011, 1986S00653
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 223.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 33.00 mm



111749 Starter 12 V, 1.1 kW
 Replacing: 0001107022, 0001107023
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 245.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



111750 Starter 12 V, 1.4 kW
 Replacing: 0001107014, 0001107027,
 0001107028, 0001108033, 0001108087,
 0001108106, 0001108139, 0001108140
 Servicing: Ford
 B+ M8, 15a M5, Length 208.50,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (3)
 A: 76.00 B: 13.50 mm



111752 Starter 12 V, 2.7 kW

Replacing: 0001354073, 0001354080, 0001359014, 0001359074, 0001362063, 0001362300, 0001367001, 0001369016

Servicing: Case, Payloader

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



111755 Starter 12 V, 3.0 kW

Replacing: 0001358041, 0001359016, 0001359090, 0001362312, 0001362316, 0001367037, 0001367075, 0001367078

Servicing: John Deere

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 34.00 mm



111768 Starter 12 V, 1.7 kW

Replacing: 0001108213, 0001108214, 0001115005, 0001115049, 0001115050, 0001115070, 0001115071, 0001115096

Servicing: Maybach, Mercedes-Benz

B+ M8, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 25.00 mm



111771 Starter 24 V, 6.2 kW

Replacing: 0001372001

Servicing: Mercedes-Benz

B- M10, B+ M12, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



111785 Starter 12 V, 1.0 kW

Replacing: 1986S00568, F004A94012

Servicing: Toyota

B+ M8, Length 200.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 20.00 mm



111793 Starter 12 V, 3.0 kW

Replacing: 0001359020, 0001359088, 0001359117, 0001367017, 0001367048, 0001367076, 1986S10082

Servicing: Caterpillar, Mercedes-Benz, Volvo

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.80 B: 28.50 mm



111805 Starter 12 V, 2.5 kW

Replacing: 9000331201, 9000331203

Servicing: Ford, Nissan

B+ M8, Length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.50 mm



111823 Starter 12 V, 1.1 kW

Replacing: 0001121001, 0001121002, 0001121030, 0001121031, 0001121034, 0001121035

Servicing: Seat, Skoda, VW

B+ M8, Length 211.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

A: 82.50 B: 4.00 mm



111848 Starter 12 V, 1.0 kW

Replacing: 0001107034, 0001107045, 0001107056, 0001107065, 0001107100, 0001107101, 0001107108, 0001107112

Servicing: Chevrolet, Citroen, Daewoo, Holden, Isuzu, Opel, Peugeot, Vauxhall

B+ M8, Length 215.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm



111849 Starter 12 V, 0.8 kW

Replacing: 1986S00068

Servicing: Chevrolet, Daewoo, Suzuki

B+ M8, Length 184.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 75.00 B: 6.50 mm



111851 Starter 12 V, 2.0 kW

Replacing: 0001109014, 0001109036, 0001109250, 0001109290, 0001110016, 0001110075, 0001110091, 0001110112

Servicing: Mercedes-Benz, Multicar, Ssangyong

B+ M8, Length 240.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 25.50 mm



111855 Starter 12 V, 2.2 kW

Replacing: 0001109370, 0001109461, 0001218172, 0001218772, 0001223002, 1986S00756

Servicing: KHD, Various Agriculture Vehicles

B+ M8, Length 267.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Alternative no.: 116128

A: 82.50 B: 23.00 mm



111865 Starter 12 V, 1.7 kW

Replacing: 0001108137, 0001109040, 0001110090, 0001110120, 1986S00723

Servicing: Lancia, Land Rover

B+ M8, Length 268.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 73.00 B: 39.00 mm



111874 Starter 12 V, 2.2 kW

Replacing: 0001218166

Servicing: Toyota

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm



111885 Starter 12 V, 3.1 kW

Replacing: 0001367019, 0001367072, 0001369007, 0001369019, 0001369025, 0986025443

Servicing: Case

B+ M10, Length 332.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Waterproof

A: 89.00 B: 48.00 mm



111900 Starter 12 V, 1.8 kW

Replacing: 0001112030, 0001112031, 0001124001, 0001124002, 0001125007, 0001125008, 0001125012, 0001125013

Servicing: Audi, Ford, Lamborghini, Seat, Skoda, VW

B+ M8, Length 235.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115503

A: 76.00 B: 53.00 mm



111904 Starter 12 V, 1.8 kW

Replacing: 0001124007, 0001124008, 0001124011, 0001124012, 0001124022, 0001124023, 0001124024, 0001124025

Servicing: Seat, VW

B+ M8, Length 247.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Bosch 0001124026/24 has 12mm bracket hole

A: 66.00 B: 46.70 mm



111906 Starter 12 V, 1.1 kW

Replacing: 0001107043, 0001107087, 0001107407, 0001107417, 0001107499, 0001107500, 0001113010, 0001113017

Servicing: Ford, Mazda, Volvo

B+ M8, Length 214.35, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.20 B: 26.35 mm



111908 Starter 12 V, 1.8 kW

Replacing: 0001110110

Servicing: BMW

B+ M8, 30h M5, Length 265.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 76.20 B: 21.00 mm



111909 Starter 12 V, 1.1 kW

Replacing: 0001120402, 0001120403, 0001121006, 0001121007, 0001121028, 0001121029, 1986S00786

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Length 212.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Alternative no.: 115504*

A: 76.25 B: 32.00 mm



111910 Starter 24 V, 6.7 kW

Replacing: 0001330042, 0001330044, 0001371006

Servicing: Scania

B- M10, B+ M12, Length 429.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



111911 Starter 12 V, 1.4 kW

Replacing: 0001107442, 0001107443, 0001108090, 0001108157, 0001108190, 0001108230, 0001108231, 0001108401

Servicing: Bertolini, BMW, Ford, Porsche, Various Agriculture Vehicles

B+ M8, 30h M5, Length 231.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (2)

A: 76.00 B: 20.50 mm



111931 Starter 12 V, 1.0 kW

Replacing: F000AL0101, F000AL0127, F009AL0101

Servicing: Mercedes-Benz

B+ M8, Length 212.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 15.00 mm



111984 Starter 12 V, 1.1 kW

Replacing: 0001107030, 0001107075

Servicing: Toyota

B+ M8, Length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 8.00 mm



111994 Starter 12 V, 0.7 kW
 Replacing: 0001116003, F000AL0325
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 178.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 B: -5.00 mm



111995 Starter 12 V, 2.0 kW
 Replacing: 0001109021, 0001109022,
 0001109066, 0001109067, 1986S00726,
 B001116092
 Servicing: Audi, Skoda, VW
 B+ M8, Length 285.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 76.00 B: 29.00 mm



111996 Starter 12 V, 2.2 kW
 Replacing: 0001109344, 0001109345,
 0001218174, 0001218774, 1986S00738
 Servicing: Iveco
 B+ M8, Length 274.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 110.00 B: 27.00 mm



112005 Starter 12 V, 1.1 kW
 Replacing: 0001121008, 0001121009,
 0001121026, 0001121027, 1986S00785,
 F000AL0501
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 76.00 B: 52.00 mm



112006 Starter 12 V, 2.0 kW
 Replacing: 0001109034, 0001110132,
 0001218766
 Servicing: Toyota
 B+ M8, Length 250.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 74.00 B: 3.50 mm



112014 Starter 12 V, 2.0 kW
 Replacing: 0001125503, 0001125504,
 0001125513, 0001125514
 Servicing: VW
 B+ M8, Length 237.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



112034 Starter 12 V, 1.7 kW
 Replacing: 0001109029, 0001110018,
 0001110033, 0001115038, 0001115042,
 0001214002, 1986S00763
 Servicing: ACME, Arona, BCS, Ferrari, Gol-
 doni, Hatz, Lombardini, Mosa, Ruggerini
 B+ M8, Length 233.30, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 27.00 mm



112037 Starter 24 V, 4.0 kW
 Replacing: 0001368085
 Servicing: Perkins, Volvo
 B+ M10, Length 340.70, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 29.00 mm



112039 Starter 12 V, 2.7 kW
 Replacing: 0001354012, 0001354091,
 0001358038, 0001366004, 0001366022
 Servicing: Fendt, Jenbacher Werke, KHD, Lombardini
 B+ M10, Length 298.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



112040 Starter 12 V, 1.5 kW
 Manufacturer: Bosch
 Replacing: 0001109363, 0001109442,
 0001314047, 1986S00720, 1986S00753
 Servicing: Hatz
 B+ M8, Length 272.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0)
 Alternative no.: 116333
 A: 82.50 B: 40.50 mm



112041 Starter 12 V, 2.2 kW
 Replacing: 0001362700, 0001362701
 Servicing: Agco Allis, Atlas Copco, Bomag,
 Case, Fendt, Ingersoll-Rand, JCB, John
 Deere, KHD, Liebherr, Terex
 B+ M10, Length 293.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 82.50 B: 23.00 mm



112052 Starter 12 V, 2.2 kW
 Replacing: 0001218116, 0001218117,
 9000331427
 Servicing: VW
 B+ M8, Length 294.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 76.00 B: 52.00 mm



9,10,11


112053 Starter 12 V, 2.2 kW

Replacing: 0001109364, 0001109443, 0001218157, 0001218757, 0001223001, 1986S00754

Servicing: Citroen, Peugeot

B+ M8, Length 272.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 74.00 B: -6.00 mm



11


112055#  Starter 24 V, 4.0 kW

Manufacturer: Bosch

Replacing: 0001231013, 0001231041, 0001364400, 0001368313

Servicing: DAF

B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Alternative no.: 116346

A: 110.00 B: 48.00 mm



9,10


112071 Starter 12 V, 3.0 kW

Replacing: 0001230006, 0001230014, 0001262001, 0001262002, 1986S10048

Servicing: Atlas Copco, Bomag, Case, Deutz-Fahr, Fendt, Hyundai, John Deere, Liebherr, Still, Terex, Volvo

B+ M10, Length 315.80, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 28.80 mm



10


112074 Starter 12 V, 3.1 kW

Replacing: 0001367006, 0001369015, 0001369020, 0001369023

Servicing: Caterpillar, Cummins, Ford, Manitou, New Holland

B+ M8, Length 329.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm



12


112116 Starter 24 V, 6.6 kW

Replacing: 0001330016, 0001417065, 0001417075, 1986S00063, 1986S00064, 1986S10100

Servicing: Volvo

B- M12, B+ M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 47.00 mm



11


112119 Starter 24 V, 6.6 kW

Replacing: 0001417042

Servicing: Scania

B- M10, B+ M10, Length 406.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 37.00 mm



9


112120 Starter 24 V, 6.6 kW

Replacing: 0001411022, 0001417037

Servicing: MAN, Mercedes-Benz

B- M10, B+ M12, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 47.50 mm



10


112131 Starter 12 V, 1.4 kW

Replacing: 0001107003, 0001107004, 0001108076, 0001108077

Servicing: VW

B+ M8, 15a 6.30, Length 244.00, Drive type Steel, Gear type GR, Mount. holes 2 (0) Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm



9


112132 Starter 24 V, 4.0 kW

Replacing: 0001360023, 0001360036, 0001368030

Servicing: Volvo BM

B+ M10, Length 339.00, Drive type Steel, Gear type DD, Mount. holes 3 (0) BOSCH OE 0001360036 IS OIL-SEALED. CARGO 112132 IS NOT!

A: 89.00 B: 47.00 mm



11


112135 Starter 12 V, 3.1 kW

Replacing: 0001354074, 0001359019, 0001359075, 0001362064, 0001362301, 0001369018

Servicing: Case

B+ M10, Length 315.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.80 B: 22.00 mm



10


112166 Starter 12 V, 1.7 kW

Replacing: 0001108059, 0001108060, 0001110069, 0001110070, 0001110086, 0001110087, 0001110118, 0001110119

Servicing: Ford, VW

B+ M8, Length 288.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm



10


112167 Starter 12 V, 1.8 kW

Replacing: 0001110061, 0001110062, 1986S00593, 1986S00808

Servicing: VW

B+ M8, Length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (0) Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm


112171 Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacing: 0001107024, 0001107099, 1986S00661

Servicing: BCS, Bertolini, Ferrari, Goldoni, Lombardini, Piaggio, Valpadana

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Alternative no.: 116556

A: 76.00 B: 28.00 mm


112172 Starter 12 V, 1.6 kW

Replacing: 0001110028, 0001110041, 0001110042, 0001314001

Servicing: Arona, Audi, BMW, Ferrari, Lombardini, Mosa

B+ M8, 30h M5, Length 267.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 28.00 mm


112173 Starter 12 V, 2.7 kW

Replacing: 0001354029, 0001354108, 0001367008

Servicing: Bertolini, BMW, Hatz, VM (Stabilimenti Mec)

B+ M10, Length 342.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 20.00 mm


112174 Starter 24 V, 3.2 kW

Replacing: 0001363123

Servicing: Mercedes-Benz

B+ M10, Length 289.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.50 B: 21.00 mm


112175 Starter 12 V, 3.0 kW

Replacing: 0001367054

Servicing: Hyster

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 89.00 B: 48.00 mm


112218 Starter 12 V, 1.0 kW

Replacing: 1986S00579

Servicing: Nissan, Renault

B+ M8, Length 168.25, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (3)

B: -2.00 mm


112220 Starter 12 V, 1.7 kW

Replacing: 0001108217, 0001108218, 0001115008, 1986S00695

Servicing: Mercedes-Benz

B+ M8, Length 233.50, Gear type GR, Mount. holes 2 (0)

A: 70.00 B: 14.00 mm


112221 Starter 12 V, 2.0 kW

Replacing: 0001125501, 0001125502, 0001125511, 0001125512, 1986S00818, B001126016, B001126081

Servicing: VW

B+ M8, Length 236.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 21.70 mm


112224 Starter 24 V, 6.7 kW

Replacing: 0001371004

Servicing: Rover, Scania, Toyota

B+ M12, Length 428.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


112235 Starter 12 V, 1.4 kW

Replacing: 0001108121

Servicing: Ford, Mazda, Mercury

B+ M8, Length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 76.10 B: 13.00 mm


112236 Starter 12 V, 1.8 kW

Replacing: 0001124013, 0001124014, B001127041

Servicing: Seat, Skoda, VW

B+ M8, Length 245.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.10 B: 27.50 mm


112249 Starter 12 V, 2.7 kW

Replacing: 0001354031, 0001354088, 0001354095, 0001366025, 9000143200

Servicing: Mercedes-Benz, Various Agriculture Vehicles

B+ M10, Length 295.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 21.50 mm


112267 Starter 12 V, 2.5 kW

Replacing: 0001362319, 0001362321, 0001362331, 0001362332, 0001367079

Servicing: Bobcat, Cummins, Ford

B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed

A: 89.00 B: 46.50 mm


112286 Starter 12 V, 1.7 kW

Replacing: 0001110076, 0001110077, 0001110098, 0001110099, 0001124003, 0001124004, 0001125005, 0001125006

Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW

B+ M8, Length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 76.10 B: 32.00 mm


112290 Starter 12 V, 2.2 kW

Replacing: 0001218105, 0001218128, 0001218728

Servicing: Ford, Mazda

B+ M8, Length 259.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


112295 Starter 12 V, 1.7 kW

Replacing: 0001110003, 0001110026, 0001110089, 0001110095, 0001110114, 0001115001, 9000331411, B001117311

Servicing: Mitsubishi, Renault, Volvo

B+ M8, Length 265.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 66.00 B: -0.50 mm


112304 Starter 12 V, 1.4 kW

Replacing: 0001108194, 0001108203, 0986023730

Servicing: Lada

B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 35.00 mm


112307 Starter 12 V, 1.1 kW

Replacing: 0001107025, 0001107026, 0001107103, 0001107104, 1986S00966

Servicing: Seat, VW

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 4 (2)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 82.50 B: 2.00 mm


112309 Starter 12 V, 1.4 kW

Replacing: 0001108113, 0001108114

Servicing: Audi, VW

B+ M8, 15a 6.30, Length 245.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 76.00 B: 27.00 mm


112321 Starter 12 V, 1.1 kW

Replacing: 0001107012, 0001107013, 0001107017, 0001107018, 0001107054, 0001107055, 0001107068, 0001107069

Servicing: Audi, Skoda, VW

B+ M8, Length 227.55, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 13.50 mm


112340 Starter 12 V, 1.4 kW

Replacing: 0001108122

Servicing: Ford, Mazda, Mercury

B+ M8, Length 226.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 4.00 mm


112365 Starter 12 V, 2.2 kW

Replacing: 1986S00709

Servicing: Nissan

B+ M8, Length 224.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 95.00 B: 10.50 mm


112429 Starter 12 V, 2.0 kW

Replacing: 0001109257, 0001125018, 0001125019, 0001125048, 0001125049, 0001125603, 0001125604, 1986S00812

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Length 259.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 62.00 mm


112430 Starter 12 V, 2.0 kW

Replacing: 0001125507, 0001125508, 0001125517, 0001125518, 1986S00819

Servicing: VW

B+ M8, Length 229.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 82.50 B: 21.00 mm



112431 Starter 12 V, 1.1 kW

Replacing: 0001107077, 0001107081, 0001107098, 1986S00660

Servicing: Chevrolet, Daewoo, Opel, Vauxhall
B+ M8, Length 211.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
A: 68.00 B: 18.00 mm



112434 Starter 12 V, 2.0 kW

Replacing: 0001109041

Servicing: Volvo
B+ M8, Length 241.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)
A: 82.50 B: 21.00 mm



112435 Starter 12 V, 1.1 kW

Replacing: 0001121016, 0001121017

Servicing: Audi, Seat, Skoda, VW
B+ M8, Length 210.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
A: 76.00 B: 52.50 mm



112436 Starter 12 V, 2.3 kW

Replacing: 0001223013

Servicing: Citroen, Fiat, Peugeot
B+ M8, Length 248.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
A: 81.50 B: 21.50 mm



112438 5★ Starter 12 V, 2.0 kW

Manufacturer: Bosch

Replacing: 0001125021, 0001125022, 0001125051, 0001125052

Servicing: Seat, Skoda, VW
B+ M8, Length 234.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
Alternative no.: 116335
A: 76.00 B: 52.50 mm



112439 Starter 12 V, 2.2 kW

Replacing: 0001109413, 0001109414, 0001218152, 0001218168, 0001218768, 0001218814, 1986S00936

Servicing: Land Rover
B+ M8, Length 274.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
A: 92.00 B: 20.50 mm



112440 Starter 12 V, 2.2 kW

Replacing: 0001218150, 0001218156, 0001218162, 0001223005

Servicing: Mercedes-Benz, Ssangyong
B+ M8, Length 240.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
A: 82.50 B: 26.00 mm



112441 Starter 12 V, 2.3 kW

Replacing: 0001109306, 0001109307, 0001109371, 0001109375, 0001109376, 0001109462, 0001223003, 0001223007

Servicing: Iveco, Mitsubishi, Multicar, Renault, Renault V.I.
B+ M8, Length 258.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
A: 81.00-84.00 mm.
Alternative no.: 115505 5★
A: 84.00 B: 27.00 mm



112442 Starter 12 V, 3.0 kW

Replacing: 0001367077

Servicing: John Deere
B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
GR Starter HC-CARGO 115609.
A: 89.00 B: 48.00 mm



112443 Starter 12 V, 1.8 kW

Replacing: 0001124020

Servicing: Audi, VW
B+ M8, Length 255.00, Gear type GR, Mount. holes 2 (2)
A: 82.50 B: 3.00 mm



112444 5★ Starter 12 V, 2.0 kW

Manufacturer: Bosch

Replacing: 0001125016, 0001125017, 0001125046, 0001125047, 1986S00811

Servicing: VW
B+ M8, Length 257.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
Alternative no.: 116340
A: 76.00 B: 62.00 mm



112445 5★ Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacing: 0001107091, 0001107097, 0001107109, 0001107110, 0001107111, 1986S00663

Servicing: Fiat, Lancia
B+ M8, Length 210.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (2)
Alternative no.: 116336
A: 66.00 B: 12.00 mm



11


112446 Starter 24 V, 4.0 kW

Replacng: 0001231007, 0001231019, 0001231030, 0001231119, B001816592, 0986018990

Servicing: MAN

B+ M10, Length 321.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0) Bosch DD HC-CARGO 113468.

Alternative no.: 116135

A: 89.00 B: 27.45 mm



11


112454 Starter 12 V, 2.2 kW

Replacng: 0001218023, 0001218125, 0001218158, 0001218175, 0001218725

Servicing: Alfa Romeo, Chrysler, Dodge, Jeep, Rover

B+ M8, Length 274.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 82.50 B: 21.00 mm



11,12


112474 Starter 12 V, 1.8 kW

Replacng: 1986S00578

Servicing: Mitsubishi, Nissan, Opel, Renault, Suzuki, Vauxhall, Volvo

B+ M8, Length 238.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 4 (3)

B: -2.00 mm



9


112494 Starter 24 V, 4.0 kW

Replacng: 0001231005, 0001231028, 0001263008, 0001263052, 1986S10050

Servicing: Atlas Copco, Bomag, Case, Deutz-Fahr, Fendt, John Deere, Liebherr, Still, Terex, Volvo, Yanmar

B+ M10, Length 316.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm



11


112496 Starter 12 V, 2.0 kW

Replacng: 0001109017

Servicing: Farymann

B+ M8, Length 269.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (1)

A: 82.50 B: 14.50 mm



9


112497 Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacng: 0001107057, 0001107058, 1986S00657

Servicing: Mosa, Ruggerini

B+ M8, Length 227.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Alternative no.: 116624

A: 76.00 B: 27.50 mm



10


112498 Starter 24 V, 4.0 kW

Replacng: 0001231016, 0001231046, 0001231146, 0001251009, 0001251010, 0001263005, 0001263006, 0001263021

Servicing: Glnaf, Heuliez, Irisbus, Iveco, Temsa

B+ M10, Length 315.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



9


112507 Starter 24 V, 5.4 kW

Replacng: 0001414022, 0001416026

Servicing: Volvo, Volvo Penta

B- M10, B+ M10, Length 385.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0) BOSCH OE 0001414022/0001416026 IS OIL-SEALED. HC-CARGO 112507 IS NOT!

A: 89.00 B: 47.50 mm



9,11


112533 Starter 12 V, 2.2 kW

Replacng: 0001109024, 0001218001, 0001218009, 0001218026, 0001218134, 0001218171, 0001218771, 1986S00720

Servicing: BMW, Land Rover, Opel, Vauxhall

B+ M8, 30h M5, Length 271.75, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 21.00 mm



9


112534 Starter 12 V, 2.0 kW

Replacng: 0001109035, 1986S00722

Servicing: Gehl, Hako, Ingersoll-Rand, JCB, KHD, Komatsu, Manitou, Perkins, Terex, Thwaites, Valpadana, Volvo

B+ M8, Length 239.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



9


112537 Starter 12 V, 2.2 kW

Replacng: 0001218012, 0001218013, 0001218018, 0001218113, 0001218114, 0001218115, 0001218715

Servicing: Audi, Fiat, VW

B+ M8, Length 274.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 22.00 mm



10,12


112541 Starter 12 V, 2.2 kW

Replacng: 0001218002, 9000331420

Servicing: Fiat, Jeep, Renault

B+ M8, Length 273.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (1)

A: 77.00 B: -7.00 mm



112553 Starter 12 V, 1.7 kW
 Replacing: 0001110072
 Servicing: Alpina, BMW
 B+ M8, 30h M5, Length 269.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (2)
 A: 76.20 B: 21.50 mm



112555 Starter 12 V, 3.1 kW
 Replacing: 0001230014, 0001369014,
 0001369024
 Servicing: Bosch, Deutz-Fahr, Fendt, Irmer,
 Jenbacher Werke, KHD, Kramer, Linde
 B+ M10, Length 303.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 28.50 mm



112581 Starter 24 V, 6.2 kW
 Replacing: 0001371010, 0001371015,
 0001372002, 0001372003, 0001372007,
 0001372008, B001860021, B001860023
 Servicing: DAF
 B+ M12, Length 380.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 48.00 mm



112651 Starter 24 V, 4.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 0001364101, 0001364300
 Servicing: Bosch, KHD
 B+ M10, Length 351.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 116690
 A: 89.00 B: 48.00 mm



112660 Starter 12 V, 2.8 kW
 Replacing: 0001359045, 0001359069,
 0001362310, 0001367042
 Servicing: Case, Cummins, Massey Ferguson,
 New Holland
 B+ M10, Length 333.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



112670 Starter 24 V, 4.0 kW
 Replacing: 0001368026, 0001368040,
 0001368051
 Servicing: DAF, Hanomag, Mercedes-Benz, Perkins
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 28.50 mm



112818 Starter 12 V, 1.4 kW
 Replacing: 0001108107, 0001108142,
 0001108153, 0001108166, 0001108167,
 0001108248, 1986S00702
 Servicing: Renault, Volvo
 B+ M8, 15a 6.30, Length 241.50,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (2)
 A: 76.00 B: 0.20 mm



112821 Starter 12 V, 2.2 kW
 Replacing: 1986S00001
 Servicing: Ford, Jaguar
 B+ M8, Length 250.80, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 Alternative no.: 115870
 B: 36.00 mm



113134 Starter 12 V, 2.2 kW
 Replacing: 0001218019, 0001218101,
 0001218163, 0001218167, 0001218767
 Servicing: Opel, Renault, Renault V.I., Vauxhall
 B+ M8, Length 272.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 109.70 B: 27.00 mm



113177 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: 0001107040, 0001107046,
 1986S00654, 1986S00906
 Servicing: Lamborghini
 B+ M8, Length 212.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115329
 A: 76.00 B: 16.00 mm



113181 Starter 12 V, 2.3 kW
 Replacing: 0001109369, 0001109460,
 0001223016, 0001223021, 1986S00755
 Servicing: Bomag, Claas, Clark, Deutz-Fahr,
 Fendt, Gehl, Genie, Hamm, Hurlimann, JCB,
 KHD, Lamborghini, Linde
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 23.00 mm



113182 Starter 12 V, 3.0 kW
 Replacing: 0001230007, 0001230010,
 0001230023, 0001262007, 0001262008,
 F002G20814
 Servicing: New Holland
 B+ M10, Length 320.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



113183 5★ Starter 24 V, 4.0 kW

Manufacturer: Bosch

Replacing: 0001231010

Servicing: Iveco

B+ M10, Length 315.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)

Alternative no.: 116347

A: 110.00 B: 28.00 mm



113184 Starter 24 V, 4.0 kW

Replacing: 000136809

Servicing: Case

B+ M10, Length 340.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 88.70 B: 48.00 mm



113267 Starter 12 V, 0.7 kW

Replacing: 000116006, 1986S00612

Servicing: Nissan

B+ M8, Length 185.50, Drive type Steel,
Gear type DD, Mount. holes 2 (1)

A: 69.90 B: 12.00 mm



113268 Starter 12 V, 1.6 kW

Replacing: 0001109012, 0001307035, 0001314016

Servicing: Arona, Claas, Ferrari, Goldoni,
Lombardini, Valpadana

B+ M8, Length 255.50, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 22.00 mm



113271 Starter 12 V, 1.1 kW

Replacing: 0001107086, 0001107088,
0001107433, 0001107434, 1986S00671

Servicing: Toyota

B+ M8, Length 204.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (1)

A: 73.90 B: 15.00 mm



113276 Starter 12 V, 1.1 kW

Replacing: 0001107401, 0001107402,
0001107404, 0001107405, 0001107408,
0001107409, 0001107412, 0001107413

Servicing: Chevrolet, Daewoo, Fiat, Mer-
cedes-Benz, Opel, Peugeot, Saab, Vauxhall

B+ M8, Length 200.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 67.90 B: 19.00 mm



113277 Starter 24 V, 4.0 kW

Replacing: 0001231011, 1986S10093

Servicing: Iveco

B+ M10, Length 315.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 109.80 B: 27.50 mm



113281 Starter 12 V, 1.1 kW

Replacing: 0001107080

Servicing: MG, Rover

B+ M8, Length 231.40, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (0)

A: 75.00 B: 43.00 mm



113282 Starter 12 V, 1.4 kW

Replacing: 0001108197, 0001108250,
0001108403, 0001108404, 0001108409,
0001108410, 1986S00703

Servicing: Chrysler, Mercedes-Benz

B+ M8, Length 248.00, Drive type Steel,
Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 26.00 mm



113286 Starter 12 V, 0.9 kW

Replacing: 0001106019, 0001106027, 1986S00651

Servicing: Mini

B+ M8, Length 202.50, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 73.90 B: 22.00 mm



113292 5★ Starter 12 V, 1.4 kW

Manufacturer: Bosch

Replacing: 0001108196, 0001108245,
1986S00700

Servicing: BMW

B+ M8, 15a M5, Length 230.20,
Drive type Steel, Gear type GR,
Clutch type Wet, Mount. holes 2 (1)

Alternative no.: 116342

A: 76.10 B: 25.50 mm



113303 Starter 12 V, 2.2 kW

Replacing: 0001109252, 0001109264,
0001109293, 0001109310, 0001109311,
0001109439, 1986S00732, 1986S00752

Servicing: Volvo

B+ M8, Length 240.00, Drive type Steel,
Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 0.00 mm



113346 Starter 12 V, 0.8 kW
 Replacing: 0001106016, 9000083077
 Servicing: MG, Rover, VW
 B+ M8, Length 210.50, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 A: 67.00 B: 41.00 mm



113353 Starter 24 V, 4.0 kW
 Replacing: 0001368311
 Servicing: Fendt
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 27.50 mm



113380 Starter 12 V, 2.8 kW
 Replacing: 0001367056
 Servicing: Ford
 B- M8, B+ M8, Length 311.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
Terminal 50 is where the wire needs to be soldered.
 A: 91.80 B: 20.00 mm



113387 Starter 12 V, 2.0 kW
 Replacing: 0001124005, 0001124006,
 0001125001, 0001125002, 0001125011,
 0001125031, 0001125032
 Servicing: Seat, VW
 B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 76.00 B: 54.00 mm



113389 Starter 12 V, 2.2 kW
 Replacing: 0001218016, 0001218110,
 0001218710
 Servicing: Mercedes-Benz
 B+ M8, Length 272.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 26.00 mm



113430 Starter 12 V, 1.8 kW
 Replacing: 0001109030, 0001109045,
 0001109253, 0001109268, 0001109269,
 0001109270, 0001109336, 0001109438
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki
 B+ M8, Length 239.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 82.00 B: 9.50 mm



113446 Starter 12 V, 2.2 kW
 Replacing: 0001109025, 0001109200,
 0001109201, 0001109206
 Servicing: BMW, Land Rover, Opel, Vauxhall
 B+ M8, 30h M5, Length 239.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (2)
 A: 76.00 B: 20.00 mm



113451 Starter 12 V, 2.2 kW
 Replacing: 0001218159, 0001218759,
 1986S10071
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 272.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 81.50 B: 23.00 mm



113464 Starter 24 V, 4.8 kW
 Replacing: 0001364100, 0001364301,
 0986012700
 Servicing: ABG, Irmer, Iveco, KHD
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



113465 Starter 12 V, 3.0 kW
 Replacing: 0001358034, 0001359008,
 0001359095, 0001367070, 0001367302
 Servicing: Renault V.I.
 B+ M10, Length 338.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.75 B: 21.50 mm



113466 Starter 24 V, 4.0 kW
 Replacing: 0001231009, 0001360013,
 0001360050, 0001368052, 0001368070,
 0001368304, 0001368306, 1986S10070
 Servicing: Citroen, Peugeot, Renault V.I.
 B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.90 B: 22.00 mm



113467 Starter 12 V, 3.7 kW
 Replacing: 0001365004
 Servicing: Agco, Atlas Copco, Bomag, Case,
 Caterpillar, Deutz-Fahr, Fendt, Ingersoll-
 Rand, Iveco, JCB
 B+ M10, Length 368.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm


113468 Starter 24 V, 4.0 kW

Replacing: 0001368056, 0001368305, 0001368310, 0001368317, 1986510076

Servicing: MAN

B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

Bosch GR HC-CARGO 112446.

A: 89.00 B: 27.00 mm


113478 Starter 12 V, 2.5 kW

Replacing: 0001223502, 0001230005, 0001367081

Servicing: Atlas Copco, John Deere

B+ M10, Length 254.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0), Oil sealed

A: 82.50 B: 35.00 mm


113480 Starter 12 V, 1.2 kW

Replacing: 0001107060

Servicing: Ruggerini

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 28.00 mm


113481 Starter 12 V, 1.4 kW

Replacing: 0001108022, 0001108051, 0001108143, 0001108180, 0001108182, 0001108185, 0001108186, 1986500694

Servicing: Opel, Renault, Suzuki, Vauxhall, Volvo

B+ M8, Length 231.00, Drive type Steel, Gear type GR, Mount. holes 4 (4)

A: 65.90 B: -1.00 mm


113482 5★ Starter 12 V, 3.0 kW

Manufacturer: Mahle Letrika

Replacing: 0001359013, 0001359044, 0001359087, 0001359089, 0001367045, 0001367046

Servicing: Volvo BM

B+ M10, Length 338.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 88.75 B: 47.00 mm


113484 Starter 24 V, 4.0 kW

Replacing: 0001368037, 0001368039

Servicing: Sisu, Valtra

B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm


113509 Starter 12 V, 1.7 kW

Replacing: 0001123016, 0001123017, 1986500803

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.10 B: 42.50 mm


113513 Starter 12 V, 1.1 kW

Replacing: 0001107406, 0001107540, 1986500690

Servicing: Mercedes-Benz

B+ M8, Length 199.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 69.80 B: 27.00 mm


113515 Starter 12 V, 0.9 kW

Replacing: 0001120400, 0001120401, 1986500780

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 197.05, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 52.50 mm


113534 Starter 12 V, 3.0 kW

Replacing: 0001367069

Servicing: Fiat-Allis, Perkins

B+ M8, Length 342.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.85 B: 27.00 mm


113570 Starter 12 V, 4.0 kW

Replacing: 0001260025, 0001260026, 1986510042

Servicing: Valtra

B+ M10, Length 320.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


113608 Starter 24 V, 6.2 kW

Replacing: 0001372005

Servicing: Evobus, Kässbohrer, Mercedes-Benz, Setra

B+ M12, 15a M6, Length 380.50, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 3 (0)

Alternative no.: 113851

A: 92.00 B: 48.00 mm



113609 Starter 24 V, 6.2 kW
 Replacing: 0001372006
 Servicing: Evobus, Mercedes-Benz, Setra
 B+ M12, 15a M6S, Length 391.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



113644 Starter 12 V, 1.2 kW
 Replacing: 0001107092, 0001112017
 Servicing: Nissan
 B+ M8, Length 189.80, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (1)
 A: 69.90 B: 10.60 mm



113672 Starter 24 V, 5.5 kW
 Replacing: 1986S10026
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 350.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 w/ safety switch.
 Alternative no.: 115881
 A: 92.00 B: 47.00 mm



113674 Starter 12 V, 2.0 kW
 Replacing: 0001109015, 0001109050,
 0001109052, 0001109055, 0001109062,
 0001109068, 0001218068, 1986S00724
 Servicing: Opel, Saab, Vauxhall
 B+ M8, Length 246.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.30 B: 18.50 mm



113677 Starter 12 V, 1.1 kW
 Replacing: 0001107005, 0001107006,
 0001108096, 0001108097, 0001121010,
 0001121011
 Servicing: VW
 B+ M8, Length 213.15, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 76.00 B: 52.50 mm



113678 Starter 12 V, 2.2 kW
 Replacing: 0001125605, 0001125606,
 1986S00823
 Servicing: Linde, VW
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115507
 A: 76.10 B: 62.00 mm



113695 Starter 24 V, 6.0 kW
 Replacing: 0001371001
 Servicing: Caterpillar
 B- 3/16" UNF, B+ 1/2" UNC, 15a 3/16" UNF,
 Length 433.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0), Oil sealed
 Replacing: 37MT.
 A: 89.00 B: 47.00 mm



113702 Starter 12 V, 2.2 kW
 Replacing: 1986S00608
 Servicing: Ford, Mazda
 B+ M8, Length 234.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 81.50 B: 17.50 mm



113705 Starter 12 V, 1.9 kW
 Replacing: 0001311115, 0001312001,
 0001315002
 Servicing: NSU, Volvo Penta
 B+ M8, Length 256.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



113706 Starter 12 V, 1.1 kW
 Replacing: 0001107102, 0001107107,
 1986S00662, F002G70382
 Servicing: Lombardini
 B+ M8, Length 212.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 15.50 mm



113745 Starter 12 V, 1.4 kW
 Replacing: 0001110011
 Servicing: Jaguar
 B+ M8, 15a M4, Length 267.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (1)
 A: 89.00 B: 26.70 mm



113750 Starter 12 V, 0.9 kW
 Replacing: 0001112027, 0001112028,
 0001112044, 0001112045, 0001113013,
 0001113014, 0001114025
 Servicing: Seat, VW
 B+ M8, Length 233.50, Drive type Steel,
 Gear type DD/GR, Mount. holes 4 (2)
 Bosch version HC-CARGO 113750 Marelli
 Version HC-CARGO 114758
 A: 82.50 B: 2.00 mm


113752 Starter 12 V, 1.8 kW

Replacing: 0001109018, 0001110092, 0001110102, 0001110124

Servicing: Fiat

B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 23.50 mm


113759 Starter 24 V, 4.0 kW

Replacing: 0001231008, 0001231029

Servicing: MAN

B+ M10, Length 315.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 29.00 mm


113760 Starter 24 V, 4.0 kW

Replacing: 0001231017, 0001231045, 0001263001, 0001263002, 1986S10074

Servicing: DAF

B+ M10, Length 315.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm


113761 Starter 12 V, 0.9 kW

Replacing: 0001106012, 0001106017, 0001106021, 0001106022

Servicing: Renault

B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 4 (4)

A: 65.90 B: -0.50 mm


113773 Starter 12 V, 1.1 kW

Replacing: 0001121402, 0001121403, 1986S00788

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.15 B: 62.00 mm


113830 Starter 24 V, 5.5 kW

Replacing: 0001261049, 1986S10068

Servicing: Volvo

B- M10, B+ M10, Length 360.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0) Over Crank Protection.

Alternative no.: 115884

A: 92.00 B: 48.00 mm


113841 Starter 12 V, 1.7 kW

Replacing: 0001123014, 0001123015, 0001123038, 0001123039, 1986S00804, F00E100628

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 242.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.10 B: 62.00 mm


113842 Starter 12 V, 1.7 kW

Replacing: 0001123012, 0001123013

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Alternative no.: 115508

A: 76.20 B: 52.50 mm


113843 Starter 12 V, 1.1 kW

Replacing: 0001107429, 0001107437, 0001107444, 1986S00007, 1986S00675, F002G20485

Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall

B+ M8, Length 199.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 64.00 B: 24.25 mm


113845 Starter 12 V, 1.5 kW

Replacing: 0001312100, 0001312110, F026T02009

Servicing: Citroen, Porsche

B+ M8, 15a M5, Length 260.00, Gear type DD, Mount. holes 2 (0)

A: 76.20 B: 33.00 mm


113846 Starter 12 V, 2.2 kW

Replacing: 0001218024, 0001218103, 0001218703

Servicing: Alfa Romeo, Fiat, Skoda

B+ M8, Length 282.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


113847 Starter 12 V, 0.95 kW

Replacing: 0001208425, 0001208426, 0001208428, 0001208429

Servicing: VW

B+ M8, Length 241.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.15 B: 43.25 mm



113850 Starter 24 V, 5.4 kW

Replacing: 0001416059

Servicing: Volvo BM

B- M10, B+ M10, Length 387.00,
Drive type Steel, Gear type DD,
Clutch type Dry, Mount. holes 3 (0),
Insulated return No Not insulated return.
A: 89.00 B: 48.00 mm



113851 Starter 24 V, 7.5 kW

Replacing: 0001330050

Servicing: Mercedes-Benz

B+ M12, Length 348.50, Drive type Steel,
Gear type DD/GR, Clutch type Dry,
Mount. holes 3 (0)
Replacing: 39MT.

Alternative no.: 115885

A: 92.00 B: 47.70 mm



113855 Starter 24 V, 5.4 kW

Replacing: 0001415027, 0001416010,
0001416023

Servicing: MAN, Mercedes-Benz

B- M10, B+ M12, Length 381.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0), Insulated return Yes
A: 92.00 B: 51.00 mm



113859 Starter 24 V, 6.0 kW

Replacing: 0001330008, 1986S10087

Servicing: Scania

B+ M10, Length 361.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)
A: 92.00 B: 48.00 mm



113891 Starter 24 V, 5.5 kW

Replacing: 0001241001, 0001261001,
0001261002, 0001261025, 0001261026,
0001261027, 0001261028, 0001261105

Servicing: Scania

B+ M10, Length 325.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)

Alternative no.: 115509

A: 92.00 B: 48.00 mm



113900 Starter 12 V, 2.2 kW

Replacing: 0001109330, 0001109331,
1986S00018, 1986S00736, 6004AA3014,
F000AL0115

Servicing: John Deere

B+ M8, Length 239.50, Drive type Steel,
Gear type DD/GR, Clutch type Dry,
Mount. holes 2 (0)

A: 82.50 B: 26.00 mm



113910 Starter 12 V, 1.4 kW

Replacing: 0001109056, 1986S00222

Servicing: Ford

B+ M8, Length 209.00, Drive type Steel,
Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm



113929 Starter 12 V, 1.2 kW

Replacing: 1986S00914

Servicing: Renault

B+ M8, Length 209.00, Gear type GR,
Mount. holes 3 (3)

B: -1.00 mm



113930 Starter 12 V, 1.4 kW

Replacing: 1986S00897

Servicing: Dacia, Renault

B+ M8, Length 216.00, Gear type GR,
Mount. holes 3 (3)

A: 65.00 B: -2.00 mm



113931 Starter 12 V, 1.7 kW

Replacing: 0001108202, 0001108224,
0001108234, 0001108235, 0001108239,
0001108240, 0001109337, 1986S00699

Servicing: Alfa Romeo, Cadillac, Chevrolet,
Fiat, Lancia, Opel, Saab, Vauxhall

B+ M8, Length 238.00, Gear type GR,
Mount. holes 3 (0)

A: 82.00 B: 9.00 mm



113932 Starter 12 V, 0.85 kW

Replacing: 1986S00896, F000CD0202,
F000CD0A02

Servicing: Dacia, Lada, Nissan, Renault

B+ M8, Length 168.00, Gear type DD,
Mount. holes 3 (3)

B: -3.00 mm



113934 Starter 24 V, 5.5 kW

Replacing: 0001241003, 0001241007,
0001241014, 0001241019, 0001241119

Servicing: Bova, DAF, Solaris

B+ M10, Length 321.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm


113935 Starter 12 V, 2.5 kW

Replacing: 0001109291, 0001109292, 0001109300, 0001109301, 1986S00733

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 243.80, Gear type GR, Mount. holes 3 (3)
Bosch Type (Remy type HC-CARGO 114145).

Alternative no.: 115501

A: 82.00 B: 1.00 mm


113959 Starter 12 V, 2.0 kW

Replacing: 0001105205, 0001106205, 0001109205, 0001109304, 0001109305, 0001109324, 0001109325, 0001109328

Servicing: Citroen, Fiat, Ford, Land Rover, Peugeot

B+ M8, Length 261.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115510

A: 89.00 B: 36.00 mm


113960 Starter 12 V, 0.9 kW

Replacing: 0001106405, 0001106406, 1986S00652

Servicing: Citroen, DS, Mini, Opel, Peugeot, Vauxhall

B+ M8, Length 194.00, Gear type GR, Mount. holes 4 (2)

A. Measure = 60.00-64.00 mm.

A: 64.00 B: 13.00 mm


113962 Starter 12 V, 0.9 kW

Replacing: 0001192082, 0001192083, F000AL0320, F000C60004

Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia

B+ M8, Length 169.60, Gear type DD/GR, Mount. holes 2 (1)

A: 64.00 B: 10.00 mm


113963 Starter 12 V, 1.1 kW

Replacing: 0001107438, 0001107439, 1986S00672

Servicing: Citroen, Peugeot, Toyota

B+ M8, Length 168.40, Gear type DD/GR, Mount. holes 2 (1)

A: 74.00 B: 25.00 mm


113968 Starter 12 V, 3.6 kW

Replacing: 0001369200, 0001369201

Servicing: New Holland

B+ M8, Length 330.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


113979 Starter 24 V, 4.0 kW

Replacing: 0001231003

Servicing: Mercedes-Benz

B+ M10, Length 315.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.50 mm


113980 Starter 24 V, 4.0 kW

Replacing: 0001231006, 0001368077

Servicing: KHD

B+ M10, Length 319.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 23.00 mm


114001 Starter 24 V, 4.0 kW

Replacing: 0001231023, 0001231034, 1986S10077

Servicing: MAN, VW

B+ M10, Length 317.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
w/ safety switch. Bosch Version

A: 89.00 B: 28.00 mm


114002 Starter 12 V, 4.2 kW

Replacing: 0001230021, 0001230026, 0001250003, 0001250004, 0001262021, 0001262022

Servicing: Agrifac, Case, Case IH, Claas, Landini, Manitou, McCormick, Mitsubishi, New Holland, Steyr

B+ M10, Length 316.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm


114003 Starter 12 V, 5.0 kW

Replacing: 0001420029

Servicing: Mercedes-Benz

B+ M12, Length 345.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


114021 Starter 12 V, 3.0 kW

Replacing: 0001230020, 0001250001, 0001250002, 0001262019, 0001262020, 1986S10036

Servicing: New Holland

B+ M10, Length 314.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm



114029 Starter 12 V, 1.8 kW
 Replacing: 0001108444
 Servicing: Opel, Vauxhall
 B+ M8, Length 215.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 64.00 B: 23.10 mm



114030 Starter 12 V, 2.2 kW
 Replacing: 1986S10030
 Servicing: Citroen, DS, Opel, Peugeot
 B+ M8, Length 218.00, Gear type GR,
 Mount. holes 4 (2)
 B: 13.50 mm



114031 Starter 24 V, 5.5 kW
 Replacing: 0001241005, 0001241009,
 0001241021
 Servicing: MAN
 B+ M10, Length 323.50, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



114033 Starter 24 V, 4.0 kW
 Replacing: 0001231004
 Servicing: Volvo
 B- M10, B+ M10, Length 334.00,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



114034 Starter 12 V, 1.0 kW
 Replacing: 0001120406, 0001120407,
 0001121407, 0001121433, 0001121434
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 194.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 52.50 mm



114050 Starter 12 V, 4.2 kW
 Replacing: 0001230022
 Servicing: Case, New Holland
 B+ M10, 30h M10, Length 317.00,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 27.50 mm



114051 Starter 12 V, 1.0 kW
 Replacing: 0001106014, 0001106025,
 1986S00649
 Servicing: Smart (MCC)
 B+ M8, 30h M8, Length 203.40,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 15.00 mm



114052 Starter 12 V, 1.1 kW
 Replacing: 0001107083, 0001107400,
 0001107420, 0001107430
 Servicing: Lombardini
 B+ M8, 15a M6, Length 219.30,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 A: 76.00 B: 18.00 mm



114053 Starter 12 V, 2.0 kW
 Replacing: 0001109019, 0001109031,
 0001109419, 0001109420, 0001218161,
 1986S00718
 Servicing: Lombardini
 B+ M8, Length 240.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 16.00 mm



114054 Starter 12 V, 2.5 kW
 Replacing: 0001109302, 0001109303,
 0001109313, 0001109334, 0001109335,
 0001109348, 0001109429, 0001109430
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 246.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 Alternative no.: 115516
 A: 82.00 B: 24.00 mm



114055 Starter 12 V, 2.3 kW
 Replacing: 0001109358, 0001218176,
 0001218776, 1986S00740, 9000331418
 Servicing: Jacobsen, John Deere
 B+ M8, Length 273.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



114062 Starter 12 V, 1.7 kW
 Replacing: 0001123018, 0001123019,
 1986S00799
 Servicing: Seat, Skoda, VW
 B+ M8, Length 233.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.20 B: 52.00 mm



114068 Starter 12 V, 1.1 kW
 Replacing: 0001107440, 0001107441, 1986S00673
 Servicing: Toyota
 B+ M8, Length 199.00, Gear type GR,
 Mount. holes 2 (1) 1.1 kw version = HC-
 CARGO 114071.
 A: 74.00 B: 15.00 mm



114069 Starter 24 V, 4.0 kW
 Replacing: 0001231036, 0001231040, 0001263003,
 0001263004, 0001263053, 0001263054, 1986S10080
 Servicing: DAF, Temsa
 B+ M10, Length 318.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 w/ safety switch.
 A: 110.00 B: 48.00 mm



114073 Starter 24 V, 5.5 kW
 Replacing: 0001241006, 0001241015,
 0001241020, 0001261007, 0001261008,
 0001261012, 0001261013, 0001261044
 Servicing: Bova, DAF, Minelli, Solaris, Temsa
 B+ M10, Length 319.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 w/ safety switch.
 Alternative no.: 115511
 A: 110.00 B: 47.00 mm



114091 Starter 12 V, 1.8 kW
 Replacing: 0001115040, 0001115041,
 0001115045, 0001115046, 1986S00764
 Servicing: BMW
 B+ M8, Length 236.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 74.00 B: 21.50 mm



114092 Starter 12 V, 2.0 kW
 Replacing: 0001109204, 0001109340,
 0001109341, 0001109389, 0001109390
 Servicing: Ford
 B+ M8, Length 239.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 6.00 mm



114093 Starter 12 V, 1.7 kW
 Replacing: 0001115047, 0001115048,
 0001115074, 0001115075, 1986S00765
 Servicing: Mercedes-Benz
 B+ M8, Length 237.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 Alternative no.: 115512
 A: 82.50 B: 26.00 mm



114094 Starter 12 V, 2.2 kW
 Replacing: 0001109258, 0001109259, 0001109319,
 0001109320, 1986S00728, 0986022450
 Servicing: Audi, VW
 B+ M8, Length 252.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.00 B: 24.50 mm



114096 Starter 12 V, 2.0 kW
 Replacing: 0001125053, 0001125054,
 1986S00814
 Servicing: Audi, Seat, Skoda
 B+ M8, Length 244.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.00 B: 2.00 mm



114106 Starter 12 V, 1.6 kW
 Replacing: 0001109008, 0001109043,
 1986S00720
 Servicing: Hatz
 B+ M8, Length 263.00,
 Mount. holes 2 (0)
 A: 82.50 B: 40.00 mm



114107 Starter 12 V, 3.2 kW
 Replacing: 9000083000, 9000083072,
 9000453006, 9000453016, 9000453046,
 9000453051, 9009083072
 Servicing: Landini, Massey Ferguson, McCor-
 mick, Perkins
 B+ M10, Length 295.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.88 B: 29.50 mm



114118 Starter 12 V, 1.4 kW
 Replacing: 0001108065, 0001108115,
 B001111158
 Servicing: BMW
 B+ M8, 30h M5, Length 244.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 76.20 B: 21.00 mm



114124 Starter 12 V, 1.8 kW
 Replacing: 1986S00069
 Servicing: Fiat, Holden, Opel, Saab, Vauxhall
 B+ M8, Length 236.00, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 29.00 mm



10


114126 Starter 12 V, 2.3 kW

Replacing: 0001223014

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Length 248.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 72.00 B: -6.00 mm



9


114160 Starter 12 V, 1.8 kW

Replacing: 0001125009, 0001125010, 0001125039, 0001125040

Servicing: Seat, VW

B+ M8, Length 243.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 53.00 mm



10


114161 Starter 12 V, 2.4 kW

Replacing: 1986S10027

Servicing: Renault

B+ M8, Length 239.00, Gear type GR, Mount. holes 3 (2)

B: -7.00 mm



10


114162 Starter 12 V, 1.1 kW

Replacing: 0001107410, 0001107418, 0001107501, 0001107502, F004A94410

Servicing: Ford

B+ M8, Length 201.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm



10


114163 Starter 12 V, 1.1 kW

Replacing: 0001121408, 0001121409

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 204.50, Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 53.00 mm



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114170 Starter 24 V, 4.0 kW

Replacing: 0001360004, 0001368004, 0001368014

Servicing: Volvo, Various Industrial applications

B+ M10, Length 340.00, Gear type DD, Mount. holes 2 (0)

A: 89.00 B: 48.20 mm



9


114171[#] Starter 12 V, 1.7 kW

Manufacturer: Valeo

Replacing: 1986S10029

Servicing: Audi, VW

B+ M8, Length 211.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 116338

A: 82.00 B: 3.00 mm



10


114173 Starter 12 V, 1.7 kW

Replacing: 0001123020, 0001123021, 1986S00800

Servicing: VW

B+ M8, Length 244.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 58.00 mm



10


114174 Starter 12 V, 1.1 kW

Replacing: 0001121022, 0001121023, 0001121037, F00E100236

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 233.90, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.20 B: 62.00 mm



10


114175 Starter 12 V, 1.1 kW

Replacing: 0001120410, 0001120411, 0001121410, 0001121411, 1986S00782

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 223.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 56.00 mm



10


114176 Starter 12 V, 1.0 kW

Replacing: 0001120408, 0001120409, 1986S00781

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 213.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 52.00 mm



9


114177 Starter 12 V, 2.0 kW

Replacing: 0001109064, 0001109065, 1986S00725

Servicing: Audi, Seat

B+ M8, Length 241.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 15.50 mm


114178 Starter 12 V, 1.4 kW

Replacing: 0001108222, 0001108223, 0001115006, 0001115051, 0001115072, 0001115073, 1986S00696

Servicing: Maybach, Mercedes-Benz

B+ M8, Length 246.30, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 60.00 B: 27.00 mm


114179 Starter 12 V, 1.2 kW

Replacing: 0001107427, 0001107428, 1986S00670, 989898

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 200.00, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 15.45 mm


114181 Starter 12 V, 1.9 kW

Replacing: 0001354100, 0001366001

Servicing: Atlas Copco, Deutz-Fahr

B+ M10, Length 294.00, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm


114193 Starter 24 V, 5.5 kW

Replacing: 0001261041, 1986S10031, 1986S10044

Servicing: Renault, Renault V.I., Volvo

B- M10, B+ M10, Length 350.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 115877# 5★

A: 89.00 B: 48.00 mm


114195 Starter 12 V, 3.0 kW

Replacing: 0001230008, 0001230018

Servicing: John Deere

B+ M10, Length 312.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


114196 Starter 24 V, 4.0 kW

Replacing: 0001231026, 0001231027, 0001251005, 0001251006, 0001263019, 0001263020, 1986S10038

Servicing: Case, New Holland

B+ M10, Length 317.00, Gear type GR, Mount. holes 3 (0), Insulated return No

A: 89.00 B: 27.60 mm


114199 Starter 12 V, 0.7 kW

Replacing: 0001116008

Servicing: Nissan, Renault

B+ M8, Length 166.00, Gear type DD, Mount. holes 2 (1)

A: 70.00 B: 11.00 mm


114220 Starter 24 V, 4.0 kW

Replacing: 0001101110, 0001231018

Servicing: Deutz-Fahr

B+ M10, Length 320.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 116132 5★

A: 82.50 B: 23.00 mm


114233 Starter 12 V, 2.2 kW

Replacing: 0001218177

Servicing: Jeep

B+ M8, Length 272.00, Gear type GR, Mount. holes 3 (0)

A: 82.50 B: 21.00 mm


114265 Starter 12 V, 2.7 kW

Replacing: 0001354099, 0001362021, 0001362050, 0001366009

Servicing: VM Motori, VM (Stabilimenti Mec)

B+ M10, Length 295.00, Mount. holes 2 (0)

A: 82.50 B: 21.50 mm


114266 Starter 24 V, 4.0 kW

Replacing: 0001368015

Servicing: Agco Power (Sisu diesel), JCB

B- M8, B+ M10, Length 346.50, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 89.00 B: 48.00 mm


114274 Starter 12 V, 2.3 kW

Replacing: 0001223004, 0001223104

Servicing: Jeep

B+ M8, Length 251.50, Gear type GR, Mount. holes 3 (0)

A: 82.50 B: 21.00 mm


114275 Starter 12 V, 4.0 kW

Replacing: 0001260001, 0001260004, 1986S10041

Servicing: AGCO, Atlas Copco, Case IH, Caterpillar, Claas, Cummins, Gehl, Ingersoll-Rand, John Deere, Kohler

B+ M10, Length 326.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 48.00 mm


114295 Starter 12 V, 0.9 kW

Replacing: 0001106018, 0001106026, 1986S00650

Servicing: Mini

B+ M8, Length 211.50, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 25.50 mm


114297 Starter 12 V, 1.2 kW

Replacing: 0001107425, 0001107426, 0001107525, 0001107526, 1986S00012, 1986S00686

Servicing: BMW

B+ M8, Length 199.00, Gear type DD/GR, Mount. holes 2 (1)

A: 76.00 B: 26.00 mm


114299 Starter 12 V, 1.7 kW

Replacing: 0001123028, 0001123029, 1986S00802

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 232.00, Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 53.00 mm


114304 Starter 12 V, 2.3 kW

Replacing: 0001109417, 0001218822, 6033AB1J00

Servicing: VW

B+ M8, Length 272.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


114307 Starter 24 V, 4.0 kW

Manufacturer: Bosch

Replacing: 0001231039, 0001251003, 0001251004, 0001263023, 0001263024, 1986S10037

Servicing: Irisbus, Iveco

B+ M10, Length 303.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Alternative no.: 116473

A: 89.00 B: 48.00 mm


114310 Starter 24 V, 7.0 kW

Replacing: 0001330057

Servicing: Volvo

B- M12, B+ M12, Length 380.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Alternative no.: 115888

A: 92.00 B: 47.00 mm


114313 Starter 24 V, 2.5 kW

Replacing: 0001219014

Servicing: VM (Stabilimenti Mec)

B+ M8, Length 272.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm


114315 Starter 12 V, 1.4 kW

Replacing: 0001108402, 0001108472, 1986S00715

Servicing: Changan Ford Mazda, Ford, Volvo
B+ M8, Length 213.50, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 0.00 mm


114316 Starter 12 V, 1.7 kW

Replacing: 0001123001, 0001123052, 0001124015, 1986S00806

Servicing: Porsche

B+ M8, Length 232.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 53.00 mm


114317 Starter 12 V, 2.0 kW

Replacing: 0001125055, 0001125056, 1986S00815

Servicing: VW

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 20.00 mm


114318 Starter 12 V, 2.2 kW

Replacing: 0001218818, 9000331421, 9000331424, 9000331428, 9000331430

Servicing: Nissan

B+ M8, Length 262.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 9.00 mm



114319 Starter 24 V, 2.5 kW

Replacing: 0001219007, 0001219009, 0001219016, 0001219017

Servicing: Mercedes-Benz, Puch (Steyr-Daimler)
B+ M8, Length 274.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (2)

A: 82.50 B: 27.00 mm



114320 Starter 12 V, 3.0 kW

Replacing: 0001230013

Servicing: Atlas Copco, Bomag, Ingersoll-Rand, JCB, John Deere, KHD, Terex, Thwaites
B+ M10, Length 316.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (0)

A: 82.50 B: 23.00 mm



114321 Starter 12 V, 2.0 kW

Replacing: 0001108204, 0001108247, 0001109048, 1986S00701

Servicing: Fiat

B+ M8, Length 238.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)

A: 82.00 B: 11.00 mm



114323 Starter 24 V, 5.0 kW

Replacing: 1986S10033

Servicing: Dennis, Renault V.I., Volvo

B+ M10, Length 295.00, Gear type GR,
Mount. holes 3 (0)

Alternative no.: 115889

A: 89.00 B: 26.50 mm



114327 Starter 24 V, 5.5 kW

Replacing: 0001241008, 0001241012, 0001261016

Servicing: Howo, Scania, Steyr, Weichai

B+ M10, Length 320.00, Gear type GR,
Mount. holes 3 (0)

A: 88.80 B: 47.80 mm



114376 Starter 24 V, 4.0 kW

Replacing: 0001231035, 1986S10078

Servicing: MAN

B+ M10, Length 311.50, Gear type GR,
Mount. holes 3 (0)
w/ safety switch.

A: 89.00 B: 29.00 mm



114389 Starter 12 V, 1.1 kW

Replacing: 1986S00583

Servicing: Dongfeng Honda, Guangzhou Honda, Honda

B+ M8, Length 222.00, Gear type GR,
Mount. holes 2 (0)

A: 75.00 B: 33.00 mm



114395 Starter 12 V, 3.0 kW

Replacing: 0001230001, 0001230027, 0001262006

Servicing: Mercedes-Benz

B+ M10, Length 316.50, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)

A: 89.00 B: 49.00 mm



114397 Starter 24 V, 4.0 kW

Replacing: 0001368067

Servicing: Cummins

B+ M10, Length 340.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0),
Insulated return Yes

A: 89.00 B: 48.20 mm



114398 Starter 24 V, 4.0 kW

Replacing: 0001368046, 0001368050, 0001368071

Servicing: Hatz

B+ M10, Length 345.00, Gear type DD,
Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



114402 Starter 12 V, 2.3 kW

Replacing: 0001109355, 0001109356, 0001223022, 1986S00739

Servicing: VM Motori, Mercruiser, Mercury, VM (Stabilimenti Mec)

B+ M8, Length 257.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 16.00 mm



114438 Starter 24 V, 5.4 kW

Replacing: 0001416032

Servicing: KHD, Liebherr, Orenstein and koppel

B- M10, B+ M10, Length 387.00,
Gear type DD, Mount. holes 3 (0),
Insulated return Yes

A: 89.00 B: 47.50 mm


114446 Starter 24 V, 5.4 kW

Replacing: 0001416046

Servicing: Fiat-Allis, Iveco

B+ M10, Length 387.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


114460 Starter 12 V, 1.4 kW

Replacing: 0001108183, 0001108400,
0001108471, 1986S00714

Servicing: Citroen, DS, Fiat, Hyundai, Lancia,
Mitsubishi, Opel, Peugeot

B+ M8, Length 216.00, Gear type GR,
Mount. holes 3 (3)

B: -4.00 mm


114473 Starter 24 V, 6.0 kW

Replacing: 0001330007, 0001330017,
0001330018

Servicing: Volvo Penta

B- M10, B+ M10, Length 384.00,
Gear type GR, Mount. holes 3 (0),
Insulated return Yes

A: 92.00 B: 48.00 mm


114477 Starter 12 V, 1.7 kW

Replacing: 00010DA10E, 0001125024,
0001125025, 1986S00807

Servicing: Porsche

B+ M8, Length 234.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 60.00 B: 29.00 mm


114507 Starter 12 V, 1.8 kW

Replacing: 0001115076, 0001115077,
0001115100, 0001115101, 0001115108,
0001115109, 1986S00775

Servicing: Mercedes-Benz

B+ M8, Length 255.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 60.00 B: 26.00 mm


114523 Starter 24 V, 4.0 kW

Replacing: 0001231001, 0001231002,
0001231032, 0001231033, 0001231133,
0001263015, 0001263016, 0001263049

Servicing: Mercedes-Benz, MAZ

B+ M10, Length 313.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.50 mm


114527 Starter 24 V, 6.0 kW

Replacing: 0001330004

Servicing: Volvo Penta

B- M10, B+ M10, Length 385.00,
Drive type Steel, Gear type GR,
Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 48.00 mm


114676 Starter 12 V, 2.2 kW

Replacing: 0001362705

Servicing: KHD

B+ M10, Length 293.00, Drive type Steel,
Gear type DD, Clutch type Dry,
Mount. holes 3 (0)

A: 82.50 B: 23.00 mm


114689 Starter 12 V, 2.0 kW

Replacing: 0001109069, 0001109070,
0001115068, 0001115069

Servicing: BMW

B+ M8, Length 240.00, Gear type GR,
Mount. holes 3 (0)

A: 69.00 B: 5.00 mm


114690 Starter 12 V, 2.0 kW

Replacing: 0001125519, 0001125520,
1986S00820

Servicing: Audi, VW

B+ M8, Length 230.00, Gear type GR,
Mount. holes 3 (1)

A: 76.20 B: 25.00 mm


114692 Starter 12 V, 1.7 kW

Replacing: 0001138003, 0001138004,
0001138047, 0001138048, 1986S00833,
F00E100631

Servicing: Mini

B+ M8, Length 228.00, Gear type GR,
Mount. holes 4 (2)

A: 60.00 B: 14.00 mm


114723 Starter 12 V, 2.2 kW

Replacing: 0001125600, 0001125601,
1986S00822

Servicing: VW

B+ M8, Length 245.00, Gear type GR,
Mount. holes 2 (2)

A: 82.50 B: 60.00 mm


114733 Starter 24 V, 5.5 kW

Replacng: 1986S10031

Servicing: Renault V.I., Volvo

B+ M10, Length 318.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 115894

A: 89.00 B: 27.00 mm


114740 Starter 12 V, 1.2 kW

Replacng: 0001107423, 0001107424, 0001107527, 0001107528, 1986S00013, 1986S00687

Servicing: BMW

B+ M8, Length 222.00, Gear type GR, Mount. holes 2 (1)

A: 76.00 B: 25.00 mm


114741 Starter 12 V, 1.6 kW

Replacng: 0001109011, 0001314040, 1986S00717

Servicing: Piaggio

B+ M8, Length 260.00, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 21.50 mm


114742 Starter 12 V, 1.8 kW

Replacng: 0001139043, 0001139044, 0001139065, 0001139066, 0001139085, 0001139086, 0001147400, 0001149400

Servicing: Mercedes-Benz

B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 16.00 mm


114743 Starter 12 V, 1.5 kW

Replacng: 0001314017

Servicing: Various Industrial applications

B+ M8, Length 271.00, Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 19.00 mm


114744 Starter 24 V, 5.4 kW

Replacng: 0001410087, 0001416071

Servicing: Various Industrial applications

B- M10, B+ M10, Length 387.00, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 89.00 B: 47.50 mm


114746# Starter 12 V, 1.4 kW

Replacng: 0001108411, 0001108412, 1986S00705, F00E100234

Servicing: Volvo

B+ M8, Length 224.00, Gear type GR, Mount. holes 3 (0)

A: 56.00 B: -7.00 mm


114775 Starter 12 V, 2.2 kW

Replacng: 0001125609, 0001125610, 1986S00824

Servicing: Audi, VW

B+ M8, Length 235.50, Drive type Steel, Gear type GR, Mount. holes 3 (1)

Alternative no.: 115502

A: 76.20 B: 25.00 mm


114776 Starter 12 V, 2.3 kW

Replacng: 0001223018, 0001223019, 1986S10086

Servicing: Audi

B+ M8, Length 248.00, Gear type GR, Mount. holes 3 (2)

A: 74.00 B: 26.00 mm


114814 Starter 12 V, 0.9 kW

Replacng: 0001106023, 0001106024, 0001106028

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8, Length 208.00, Gear type GR, Mount. holes 4 (3)

A: 66.00 B: 0.00 mm


114815 Starter 24 V, 1.6 kW

Replacng: 0001111003

Servicing: Lombardini

B+ M8, Length 244.00, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 15.00 mm


114833 Starter 12 V, 1.7 kW

Replacng: 0001115078, 0001115079, 0001115114, 0001115115, 1986S00777

Servicing: Fiat

B+ M8, Length 235.00, Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 1.00 mm



114837 Starter 12 V, 1.2 kW
 Replacing: 0001108405, 0001108406, 1986S00704
 Servicing: Audi
 B+ M8, Length 213.50, Gear type GR, Mount. holes 2 (2)
 A: 66.00 B: 25.50 mm



114849 Starter 12 V, 1.7 kW
 Replacing: 0001138005, 0001138006, 1986S00829
 Servicing: Mini
 B+ M8, Length 228.00, Gear type GR, Mount. holes 4 (2)
 A: 60.00 B: 14.00 mm



114850 Starter 12 V, 2.5 kW
 Replacing: 0001139029, 0001139030, 0001139408, 0001139409, 1986S00848
 Servicing: Mercedes-Benz
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (2)
 A: 70.00 B: 16.00 mm



114853 Starter 12 V, 2.7 kW
 Replacing: 1986S00590
 Servicing: Toyota
 B+ M10, Length 259.00, Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 18.00 mm



114854 Starter 12 V, 2.5 kW
 Replacing: 1986S10032
 Servicing: Citroen, DS, Fiat, Lancia, Mitsubishi, Opel, Peugeot, Vauxhall, VW
 B+ M8, Length 238.00, Gear type GR, Mount. holes 5 (5)
 B: -5.00 mm



114869 Starter 12 V, 1.4 kW
 Replacing: 0001108428, 0001108429, 1986S00707
 Servicing: Renault
 B+ M8, Length 214.00, Gear type GR, Mount. holes 4 (3)
 A: 66.00 B: 0.50 mm



114872 Starter 24 V, 5.5 kW
 Replacing: 1986S00003, 1986S10032
 Servicing: Renault V.I., Volvo
 B- M10, B+ M10, Length 344.00, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115875
 A: 92.00 B: 46.00 mm



114886 Starter 12 V, 1.2 kW
 Replacing: 0001107448, 0001107449, 0001107530, 0001107531, 1986S00688
 Servicing: Toyota
 B+ M8, Length 202.00, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 14.00 mm



114887 Starter 12 V, 1.4 kW
 Replacing: 0001138017, 0001138018, 1986S00831
 Servicing: Hyundai, Kia
 B+ M8, Length 229.40, Gear type GR, Mount. holes 2 (0)
 A: 77.00 B: 21.00 mm



115311 Starter 12 V, 2.0 kW
 Replacing: 0001123036, 0001123037
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 245.00, Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 42.50 mm



115312 Starter 12 V, 1.1 kW
 Replacing: 0001137001, 0001137002, 0001137011, 0001137012, 0001170400, 0001170401, 0001170402, 0001170403
 Servicing: Abarth, Alfa Romeo, Fiat, Ford, Jeep, Lancia
 B+ M8, Length 218.00, Gear type GR, Mount. holes 3 (1)
 A: 64.00 B: 10.50 mm



115324 Starter 12 V, 1.9 kW
 Replacing: 0001354106, 0001366010
 Servicing: Hatz
 B+ M10, Length 292.00, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



115329 Starter 12 V, 1.2 kW

Replacing: 0001107040, 0001107046, 1986S00654, 1986S00906

Servicing: Lamborghini, Lombardini
B+ M8, Length 212.00, Gear type GR,
Mount. holes 2 (0)

Alternative no.: 113177

A: 76.20 B: 16.00 mm



115333 Starter 12 V, 1.0 kW

Replacing: 0001121412, 0001121413, 1986S00790

Servicing: Audi, Seat, VW
B+ M8, Length 216.00, Gear type GR,
Mount. holes 2 (0)

A: 76.20 B: 43.00 mm



115335 Starter 12 V, 2.2 kW

Replacing: 0001139001, 0001139002, 0001139015, 0001139016, 0001148009, 0001148010, 0001148023, 0001148024

Servicing: BMW
B+ M8, Length 242.00, Gear type GR,
Mount. holes 3 (0)

Alternative no.: 116059

A: 69.00 B: 18.50 mm



115336 Starter 12 V, 2.2 kW

Replacing: 0001145001, 0001145002, 0001153007, 0001153008, 1986S00870

Servicing: Audi, Seat, Skoda, VW
B+ M8, Length 252.00, Gear type GR,
Mount. holes 3 (0)

A: 79.00 B: 52.00 mm



115337# Starter 12 V, 2.0 kW

Replacing: 0001142005, 0001142006, 1986S00851

Servicing: Audi, Seat, VW
B+ M8, Length 240.00, Gear type GR,
Mount. holes 2 (0)

A: 79.00 B: 62.00 mm



115339 Starter 12 V, 2.0 kW

Replacing: 0001147408, 0001147409, 1986S00857

Servicing: Mercedes-Benz, Skoda, VW
B+ M8, Length 228.50, Gear type GR,
Mount. holes 2 (2)

A: 70.00 B: 29.00 mm



115344 Starter 12 V, 2.3 kW

Manufacturer: Bosch

Replacing: 0001109359, 0001109360, 0001362017, 0001362018, 0001362040, 0001362076, 1986S00741

Servicing: Arona, Lombardini
B+ M8, Length 246.50, Gear type GR,
Mount. holes 2 (0)

Alternative no.: 116685

A: 82.50 B: 21.00 mm



115375 Starter 12 V, 2.0 kW

Replacing: 0001125521, 0001125522

Servicing: Audi
B+ M8, Length 230.00, Gear type GR,
Mount. holes 3 (1)

A: 76.00 B: 25.00 mm



115394 Starter 12 V, 1.1 kW

Replacing: 0001107450, 0001107451, 0001107508, 0001107509, 0001107534, 0001107535, 1986S00011, 1986S00684

Servicing: Audi, Porsche
B+ M8, Length 218.50, Gear type GR,
Mount. holes 2 (1)

A: 66.00 B: 24.00 mm



115395 Starter 12 V, 1.1 kW

Replacing: 0001107521, 0001107522, 0001192009, 0001192068, 0001192069, 0001192080, 0001192081, 0001192086

Servicing: Chevrolet, Opel, Vauxhall
B+ M8, Length 201.00, Gear type GR,
Mount. holes 2 (0)

A: 68.00 B: 19.00 mm



115397 Starter 12 V, 2.0 kW

Replacing: 0001109020, 0001109042, 1986S00719

Servicing: GAZ
B+ M8, Length 245.00, Gear type GR,
Mount. holes 2 (2)

A: 82.50 B: 21.00 mm



115398# Starter 12 V, 1.7 kW

Replacing: 0001138001, 0001138002, 1986S00835

Servicing: BMW
B+ M8, Length 227.00, Gear type GR,
Mount. holes 2 (1)

A: 76.20 B: 26.00 mm


115399 Starter 12 V, 1.4 kW

Replacing: 0001138009, 0001138010, 0001174400, 1986S00648, 1986S00830

Servicing: Alfa Romeo, Fiat, Jeep, Lancia, Opel

B+ M8, Length 227.00, Gear type GR, Mount. holes 3 (0)

A: 76.20 B: 3.00 mm


115400 Starter 12 V, 1.4 kW

Replacing: 0001138011, 0001138012, 0001172400, 0001172401, 0001172604, 1986S00876

Servicing: Alfa Romeo, Citroen, Fiat, Ford, Lancia, Peugeot

B+ M8, Length 230.00, Gear type GR, Mount. holes 2 (1)

A: 64.00 B: 24.00 mm


115402 Starter 12 V, 1.8 kW

Replacing: 0001153009, 0001153010

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 248.00, Gear type GR, Mount. holes 2 (0)

A: 79.00 B: 61.00 mm

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115404* Starter 12 V, 3.0 kW

Replacing: 0001401074, 0001413016

Gear type DD, Mount. holes 3 (0)


115408 Starter 12 V, 2.3 kW

Replacing: 0001223006

Servicing: Mercedes-Benz

B+ M8, Length 276.00, Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 26.00 mm


115420 Starter 12 V, 1.7 kW

Replacing: 0001115053, 0001115054, 1986S00767, F00E100228

Servicing: Chrysler, Jeep

B+ M8, Length 255.10, Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 26.00 mm


115423 Starter 12 V, 3.0 kW

Replacing: 0001354089, 0001362058, 0001366003, 0001366029

Servicing: BPM, Goldoni, Lombardini, Ruggerini

B+ M10, Length 330.00, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm


115428 Starter 12 V, 1.8 kW

Replacing: 0001354026, 0001354094, 0001366019, EJD1.8/12R61

Servicing: MAN, Various Agriculture Vehicles

B+ M10, Length 323.00, Gear type DD, Mount. holes 2 (0)

A: 82.30 B: 20.60 mm


115440 Starter 24 V, 7.0 kW

Replacing: 0986025250, 0986025250

Servicing: MAN

B+ M10, Length 350.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


115444 Starter 12 V, 1.4 kW

Manufacturer: Bosch

Replacing: 0001108450, 0001108451, 1986S00646, 1986S00706

Servicing: Fiat, Suzuki

B+ M8, Length 215.00, Gear type GR, Mount. holes 3 (0)

A: 76.20 B: 4.00 mm



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115464 Starter 24 V, 7.8 kW

Replacing: 0001330012, 0001330067, 0001330068

Servicing: Volvo

B- M10, B+ M10, Length 367.50, Gear type GR, Mount. holes 3 (0), Insulated return Yes

Alternative no.: 116044

A: 89.00 B: 48.00 mm


115468 Starter 12 V, 2.0 kW

Replacing: 1986S00626

Servicing: Land Rover

B+ M8, Length 220.00, Gear type GR, Mount. holes 3 (3)

B: -5.00 mm


115472 Starter 12 V, 2.7 kW

Replacing: 0001362303, 0001362304, 1986S10081

Servicing: BMW, Deutz-Fahr

B+ M10, Length 315.00, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.20 mm


115501 5★ Starter 12 V, 2.5 kW

Manufacturer: Bosch

Replacing: 0001109300, 1986S00733

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 243.80, Gear type GR, Mount. holes 3 (3)

Alternative no.: 113935

A: 82.00 B: 1.00 mm


115502 5★ Starter 12 V, 2.2 kW

Manufacturer: Bosch

Replacing: 0001125609, 1986S00824

Servicing: Audi, VW

B+ M8, Length 235.50, Gear type GR, Mount. holes 3 (1)

Alternative no.: 114775

A: 76.20 B: 25.00 mm


115503 5★ Starter 12 V, 1.8 kW

Manufacturer: Bosch

Replacing: 0001125042, 1986S00810

Servicing: Audi, Ford, Lamborghini, Seat, Skoda, VW

B+ M8, Length 235.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 111900

A: 76.00 B: 53.00 mm


115504 5★ Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacing: 0001121028

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Length 212.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 111909

A: 76.25 B: 32.00 mm


115505 5★ Starter 12 V, 2.3 kW

Manufacturer: Bosch

Replacing: 0001109306, 0001109371, 0001109462, 1986S00016, 1986S00757, 1986S10034

Servicing: Iveco, Multicar, Renault, Renault V.I.

B+ M8, Length 246.00, Gear type GR, Mount. holes 3 (3)

Alternative no.: 112441

A: 82.00 B: 27.00 mm


115507 5★ Starter 12 V, 2.2 kW

Manufacturer: Bosch

Replacing: 0001125605, 1986S00823

Servicing: VW

B+ M8, Length 258.50, Gear type GR, Mount. holes 2 (0)

Alternative no.: 113678

A: 76.15 B: 61.60 mm


115508 5★ Starter 12 V, 1.7 kW

Manufacturer: Bosch

Replacing: 0001123012, 1986S00797

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 246.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 113842

A: 76.20 B: 52.50 mm


115509 5★ Starter 24 V, 5.5 kW

Manufacturer: Bosch

Replacing: 0001261026, 0001261027, 0001261028, 0001261105, 1986S10002, 1986S10047

Servicing: Scania

B+ M10, Length 325.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 113891

A: 92.00 B: 48.00 mm


115510 5★ Starter 12 V, 2.0 kW

Manufacturer: SEG

Replacing: 0001109324, 1986S00017

Servicing: Citroen, Fiat, Ford, Land Rover, Peugeot

B+ M8, Length 255.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 113959

A: 89.00 B: 36.00 mm


115511 5★ Starter 24 V, 5.5 kW

Manufacturer: Bosch

Replacing: 0001261012, 0001261013, 0001261044, 0001261045, 0001261069, 0001261070, 0001261085, 0001261086

Servicing: Bova, DAF, Minelli, Solaris, Temsa

B+ M10, Length 324.00, Gear type DD/GR, Mount. holes 3 (0)

w/ safety switch.

Alternative no.: 114073

A: 110.00 B: 47.00 mm


115512 5★ Starter 12 V, 1.7 kW

Manufacturer: Bosch

Replacing: 0001115047, 1986S00765

Servicing: Mercedes-Benz

B+ M8, Length 238.00, Gear type GR, Mount. holes 2 (2)

Alternative no.: 114093

A: 82.50 B: 26.00 mm



115515 Starter 12 V, 2.0 kW
 Manufacturer: Bosch
 Replacing: 0001109027, 0001109046, 1986S00721
 Servicing: GAZ
 B+ M8, Length 246.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.88 B: 23.00 mm



115516 Starter 12 V, 2.5 kW
 Manufacturer: Bosch
 Replacing: 0001109302, 0001109303,
 0001109313, 0001109334, 0001109335,
 0001109429, 0001109430, 1986S00734
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 246.00, Gear type GR,
 Clutch type Dry, Mount. holes 3 (3)
 Alternative no.: 114054
 A: 82.00 B: 23.00 mm



115522 Starter 12 V, 0.7 kW
 Replacing: 0001116009
 Servicing: Nissan
 B+ M8, Length 168.00, Gear type DD,
 Mount. holes 2 (1)
 A: 70.00 B: 6.50 mm



115524 Starter 12 V, 0.85 kW
 Replacing: F000AL0321
 Servicing: Toyota
 B+ M8, Length 200.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 25.50 mm



115535 Starter 12 V, 3.0 kW
 Replacing: 0001359017, 0001359062,
 0001367021
 Servicing: Agrifull, VM (Stabilimenti Mec)
 B+ M10, Length 342.00, Gear type DD,
 Mount. holes 2 (0)
 A: 82.40 B: 21.50 mm



115539 Starter 12 V, 2.0 kW
 Manufacturer: Valeo
 Replacing: 0001153005, 0001153006
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 116156
 A: 79.00 B: 42.00 mm



115540 Starter 12 V, 1.4 kW
 Replacing: 0001109001, 0001109002
 Servicing: Seat, VW
 B+ M8, 15a 6.30, Length 245.00,
 Gear type GR, Mount. holes 3 (2)
 A: 82.50 B: 14.00 mm



115553 Starter 12 V, 1.0 kW
 Replacing: 1986S10033
 Servicing: Mazda
 B+ M8, Length 200.00, Gear type GR,
 Mount. holes 3 (3)
 Can also be delivered w/ 2 mounting holes
 2(2).
 A: 74.00 B: 15.00 mm



115556 Starter 24 V, 5.5 kW
 Replacing: 1986S10030
 Servicing: MAN, Neoplan
 B+ M10, Length 319.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115886
 A: 92.00 B: 47.00 mm



115558 Starter 12 V, 1.4 kW
 Replacing: 0001172406, 0001172407,
 1986S00878
 Servicing: BMW
 B+ M8, Length 210.00, Gear type GR,
 Mount. holes 3 (0)
 A: 66.00 B: 5.00 mm



115559 Starter 12 V, 1.4 kW
 Replacing: 0001107452, 0001107453,
 0001108415, 0001108416, 0001108445,
 0001108446, 0001108466, F00E100572
 Servicing: Audi, Bentley, Porsche
 B+ M8, Length 230.50, Gear type GR,
 Mount. holes 2 (1)
 Alternative no.: 116054
 A: 66.00 B: 24.00 mm



115560 Starter 12 V, 1.7 kW
 Replacing: 0001179500, 0001179501,
 0001179510, 0001179511, 0001179512,
 0001179513, 0001179602, 0001179603
 Servicing: Audi, Cupra, Seat, Skoda, VW
 B+ M8, Length 229.00, Gear type GR,
 Mount. holes 3 (0)
 A: 79.00 B: 62.00 mm



115561 Starter 12 V, 1.7 kW

Replacing: 0001179506, 0001179507, 0001179508, 0001179509, 0001179518, 0001179519, 0001179526, 0001179527

Servicing: Audi, Cupra, Seat, Skoda, VW
B+ M8, Length 225.00, Gear type GR,
Mount. holes 2 (0)

A: 79.00 B: 43.00 mm



115562# Starter 12 V, 1.7 kW

Replacing: 0001138049, 0001138050, 0001138057, 0001138058, 1986S00835

Servicing: BMW

B+ M8, Length 228.00, Gear type GR,
Mount. holes 2 (1)

A: 76.20 B: 26.00 mm



115567 Starter 12 V, 2.4 kW

Replacing: 0001362100

Servicing: Nissan

B+ M10, Length 294.00, Gear type DD,
Mount. holes 3 (0)

A: 89.00 B: 30.00 mm



115588 Starter 12 V, 2.2 kW

Replacing: 0001109379, 0001109380, 0001109397, 0001109398, 1986S00745

Servicing: Volvo

B+ M8, Length 245.00, Gear type GR,
Mount. holes 3 (2)

A: 76.20 B: 0.00 mm



115589 Starter 12 V, 1.7 kW

Replacing: 0001152400, 0001152401, 0001152410, 0001152411, 1986S00868, 1986S01001

Servicing: Mercedes-Benz

B+ M8, Length 240.00, Gear type GR,
Mount. holes 2 (0)

A: 74.00 B: 53.00 mm



115590 Starter 24 V, 9.0 kW

Replacing: 0001410060, 0001510003

Servicing: Various Agriculture Vehicles, Various Industrial applications

B- M12, B+ M12, Length 458.00,
Gear type DD, Mount. holes 0 (0),
Insulated return Yes

A: 68.00 B: 37.50 mm



115593 Starter 24 V, 5.5 kW

Replacing: 1986S10027, 1986S10028

Servicing: Renault V.I., Volvo

B- M10, B+ M10, Length 355.00,
Gear type GR, Mount. holes 3 (0)

Alternative no.: 115887

A: 89.00 B: 47.00 mm



115594 Starter 12 V, 2.2 kW

Replacing: 1986S00567, F000AL0111, F000AL0153, F004A94011

Servicing: Toyota

B+ M8, Length 250.50, Gear type GR,
Mount. holes 2 (1)

A: 82.50 B: 18.00 mm



115607 Starter 12 V, 1.7 kW

Replacing: 0001153510, 0001153511

Servicing: Mercedes-Benz

B+ M8, Length 247.50, Gear type GR,
Mount. holes 2 (0)

A: 74.00 B: 53.00 mm



115609 Starter 12 V, 3.0 kW

Replacing: 0001230002, 1986S10057

Servicing: John Deere

B+ M10, Length 315.50, Gear type GR,
Mount. holes 3 (0) Direct Drive Starter:
HC-CARGO 112442.

A: 89.00 B: 48.00 mm



115610 Starter 12 V, 2.0 kW

Replacing: 0001153001, 0001153002

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 240.00, Gear type GR,
Mount. holes 2 (0)

A: 79.00 B: 61.00 mm



115623 Starter 24 V, 4.0 kW

Replacing: 0001360061, 0001368017, 0001368063, 0001368074

Servicing: Volvo

B+ M10, Length 340.00, Gear type DD,
Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


115624 Starter 12 V, 1.2 kW

Replacing: 0001136002, 0001136003, 0001136007, 0001136008, 0001170604

Servicing: Mercedes-Benz, Renault

B+ M8, Length 214.50, Gear type GR, Mount. holes 3 (3)

A: 64.00 B: 0.20 mm


115626 Starter 12 V, 2.0 kW

Replacing: 1986S00606

Servicing: Hyundai, Kia

B+ M8, Length 222.00, Gear type GR, Mount. holes 2 (2)

A: 80.00 B: 25.00 mm


115635 Starter 12 V, 1.7 kW

Replacing: 0001115056, 0001115057, 0001115082, 0001115083, 0001115110, 0001115111, 1986S00776

Servicing: Audi

B+ M8, Length 248.50, Gear type GR, Mount. holes 2 (1)

A: 66.00 B: 23.50 mm


115636 Starter 12 V, 1.7 kW

Manufacturer: Bosch

Replacing: 0001139019, 0001139020, 0001139075, 0001139076, 1986S00847

Servicing: Audi

B+ M8, Length 248.00, Gear type GR, Mount. holes 2 (1)

A: 66.00 B: 23.00 mm


115638 Starter 12 V, 1.7 kW

Replacing: 0001123044, 0001123045, 1986S00805

Servicing: Audi, Avia, Seat, Skoda, VW

B+ M8, Length 243.00, Gear type GR, Mount. holes 2 (0)

A: 79.00 B: 42.00 mm


115641 Starter 12 V, 1.4 kW

Replacing: 1986S00227

Servicing: Ford, Volvo

B+ M8, Length 203.50, Gear type GR, Mount. holes 2 (2)

B: 0.00 mm


115642 Starter 12 V, 2.0 kW

Replacing: 1986S00595

Servicing: Land Rover

B+ M8, Length 242.00, Gear type GR, Mount. holes 3 (2)

A: 70.00 B: 25.00 mm


115644 Starter 12 V, 2.0 kW

Replacing: 1986S00592

Servicing: Toyota

B+ M8, Length 229.00, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 13.00 mm


115646 Starter 12 V, 1.1 kW

Replacing: 0001137005, 0001137006, 0001170610, 0001170611, 1986S00827

Servicing: Chevrolet, Opel, Vauxhall

B+ M8, Length 205.00, Gear type GR, Mount. holes 2 (0)

A: 68.00 B: 18.00 mm


115696 Starter 12 V, 1.1 kW

Replacing: 0001177000, 0001177001, 0001177006, 0001177007, 0001177008, 0001177009, 1986S00880, 1986S00881

Servicing: Audi, Seat, Skoda, Skoda (SVW), VW, VW (FAW), VW (SVW)

B+ M8, Length 218.00, Gear type GR, Mount. holes 3 (0)

A: 79.00 B: 62.00 mm


115697 Starter 12 V, 1.8 kW

Replacing: 0001109016, 0001109028

Servicing: Ruggerini

B+ M8, Length 238.00, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 28.00 mm


115698 Starter 12 V, 1.1 kW

Replacing: 0001107476, 0001107477, 1986S00679

Servicing: Renault

B+ M8, Length 200.00, Gear type GR, Mount. holes 4 (3)

A: 66.00 B: 0.00 mm



115717 Starter 12 V, 1.7 kW
 Replacing: 0001139005, 0001139006
 Servicing: Alfa Romeo, Fiat, Jeep
 B+ M8, Length 244.00, Gear type GR,
 Mount. holes 3 (0)
 A: 82.00 B: 4.00 mm



115719 Starter 12 V, 1.1 kW
 Replacing: 0001107492, 0001107493,
 0001107495
 Servicing: Fiat, Opel, Vauxhall
 B+ M8, Length 199.50, Gear type GR,
 Mount. holes 2 (0)
 A: 68.00 B: 19.00 mm



115723 Starter 12 V, 1.4 kW
 Replacing: 1986S00607
 Servicing: Toyota
 B+ M8, Length 196.50, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 13.00 mm



115725 Starter 12 V, 2.0 kW
 Replacing: 1986S00587
 Servicing: Land Rover
 B+ M8, Length 220.00, Gear type GR,
 Mount. holes 3 (3)
 B: -5.00 mm



115728 Starter 12 V, 1.2 kW
 Replacing: 1986S00591
 Servicing: Renault
 B+ M8, Length 195.00, Gear type GR,
 Mount. holes 3 (3)
 A: 63.00 B: 0.00 mm



115732 Starter 12 V, 1.7 kW
 Replacing: 0001115088, 0001115089,
 1986S00772
 Servicing: Ford
 B+ M8, Length 253.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 18.00 mm



115733# Starter 12 V, 1.7 kW
 Replacing: 0001138013, 0001138014,
 0001138067, 0001138068, 1986S00837
 Servicing: Audi
 B+ M8, Length 229.00, Gear type GR,
 Mount. holes 2 (1)
 A: 66.00 B: 23.00 mm



115735 Starter 12 V, 2.0 kW
 Replacing: 0001139041, 0001139042,
 0001139073, 0001139074, 1986S00846
 Servicing: Audi
 B+ M8, Length 247.00, Gear type GR,
 Mount. holes 2 (1)
 A: 66.00 B: 23.00 mm



115736 Starter 12 V, 2.2 kW
 Replacing: 0001153013, 0001153014,
 0001153019, 0001153020, 1986S00872
 Servicing: VW
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.10 B: 12.40 mm



115756# Starter 24 V, 7.0 kW
 Replacing: 0001330060, 0986024690
 Servicing: Renault V.I.
 B- M12, B+ M12, Length 389.00,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



115770 Starter 12 V, 1.1 kW
 Replacing: 0001107461, 0001107462,
 1986S00010, 1986S00678, F00E100232
 Servicing: Mercedes-Benz
 B+ M8, Length 221.00, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 26.00 mm



115771 Starter 12 V, 1.7 kW
 Manufacturer: Bosch
 Replacing: 0001138015, 0001138016
 Servicing: Mercedes-Benz
 B- M8, B+ M8, Length 226.00,
 Mount. holes 2 (2)
 A: 70.00 B: 25.50 mm


115816 Starter 12 V, 1.4 kW

Replacing: 0001108210, 0001109009, 0001115034, 0001115035, 1986S00762, F002G70047

Servicing: Lombardini

B+ M8, Length 247.00, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 28.00 mm


115818 Starter 12 V, 1.1 kW

Replacing: 0001179502, 0001179503, 0001179514, 0001179515, 0001179604, 0001179605, 1986S00885

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 227.00, Gear type GR, Mount. holes 3 (0)

A: 79.00 B: 52.00 mm


115825 Starter 12 V, 1.1 kW

Replacing: 0001107459, 0001107460, 1986S00009, 1986S00677

Servicing: Mercedes-Benz, Mercedes-Benz (BBDC)

B+ M8, Length 221.50, Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 27.00 mm


115840 Starter 24 V, 5.5 kW

Replacing: 0001241128, 1986S10103

Servicing: Mercedes-Benz

B+ M10, Length 326.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 49.00 mm


115842 Starter 12 V, 1.0 kW

Replacing: 1986S00598

Servicing: Renault

B+ M8, Length 177.00, Gear type GR, Mount. holes 3 (3)

A: 62.00 B: 0.00 mm


115870 Starter 12 V, 2.1 kW

Manufacturer: Visteon

Replacing: 1986S00001

Servicing: Ford, Jaguar

B+ M8, Length 256.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 112821

B: 36.00 mm


115877# Starter 24 V, 5.5 kW

Manufacturer: Bosch

Replacing: 0001261041

Servicing: Renault, Renault V.I., Volvo

B- M10, B+ M10, Length 344.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 114193

A: 89.00 B: 47.50 mm


115884 Starter 24 V, 5.5 kW

Manufacturer: Bosch

Replacing: 0001261049

Servicing: Volvo

B- M10, B+ M10, Length 342.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 113830

A: 92.00 B: 48.00 mm


115885 Starter 24 V, 7.5 kW

Manufacturer: Mitsubishi

Replacing: 1330050

Servicing: Mercedes-Benz

B+ M12, Length 348.50, Gear type GR, Mount. holes 3 (0)

Alternative no.: 113851

A: 92.00 B: 47.50 mm


115888 Starter 24 V, 7.0 kW

Manufacturer: Mitsubishi

Replacing: 0001330057

Servicing: Volvo

B- M12, B+ M12, Length 380.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 114310

A: 92.00 B: 47.50 mm


115900 Starter 12 V, 1.1 kW

Replacing: 0001121435, 0001121436, 1986S00791, F00E100282

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 216.00, Gear type GR, Mount. holes 2 (0)

A: 79.00 B: 42.50 mm


115938 Starter 12 V, 2.2 kW

Replacing: 0001109260, 0001109261

Servicing: Audi

B+ M8, Length 252.00, Gear type GR, Mount. holes 2 (1)

A: 76.20 B: 25.00 mm


115939# Starter 12 V, 2.2 kW

Replacing: 0001109262, 0001109263

Servicing: Mercedes-Benz

B+ M8, Length 256.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 27.00 mm


115940 Starter 12 V, 1.8 kW

Replacing: 0001109057, 0001109427, 1986S00749

Servicing: BMW

B+ M8, 30h M5, Length 245.00, Gear type GR, Mount. holes 2 (2)

A: 76.00 B: 21.00 mm


115942 Starter 12 V, 1.1 kW

Replacing: 0001121003, 1986S00783

Servicing: Porsche

B+ M8, Length 211.50, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 53.00 mm


115943 Starter 12 V, 1.1 kW

Replacing: 0001121422, 0001121423, 0001121427, 0001121428, 0001121443, 0001121444, 1986S00793, F00E100013

Servicing: Land Rover

B+ M8, Length 202.00, Gear type GR, Mount. holes 2 (0)

A: 56.00 B: -7.00 mm


115944 Starter 12 V, 1.7 kW

Replacing: 0001179504, 0001179505, 0001179516, 0001179517, 0001179522, 0001179523, 0001179608, 0001179609

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 229.00, Gear type GR, Mount. holes 2 (0)

A: 79.00 B: 62.00 mm


115945 Starter 12 V, 1.4 kW

Replacing: 0001177002, 0001177003, 0001177010, 0001177011

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 217.50, Gear type GR, Mount. holes 2 (0)

A: 79.00 B: 56.00 mm


115948 Starter 12 V, 2.2 kW

Replacing: 0001109280, 0001109281, 0001109315, 0001109316, 0001109361, 0001109362, 0001109421, 0001109422

Servicing: Audi, Porsche

B+ M8, Length 249.00, Gear type GR, Mount. holes 2 (1)

A: 66.00 B: 24.00 mm


115961# Starter 12 V, 1.1 kW

Replacing: 0001107446, 0001107447, 1986S00676

Servicing: Audi

B+ M8, Length 205.00, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 14.00 mm


115962 Starter 12 V, 1.7 kW

Replacing: 0001138053, 0001138054, 0001138061, 0001138062, 1986S00836

Servicing: BMW

B+ M8, Length 226.50, Gear type GR, Mount. holes 3 (1)

A: 60.00 B: 14.00 mm


115979 Starter 12 V, 2.2 kW

Replacing: 0001218812, 9000331417, 9000331423

Servicing: Nissan

B+ M8, Length 278.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 29.00 mm


115986 Starter 12 V, 2.5 kW

Replacing: 0001139023, 0001139024, 1986S00841

Servicing: Citroen, Ford, Peugeot

B+ M8, Length 255.00, Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 35.00 mm


115996 Starter 12 V, 1.4 kW

Replacing: 0001108237, 0001108238, 1986S00698, F00E100577

Servicing: Audi

B+ M8, Length 226.00, Gear type GR, Mount. holes 3 (2)

A: 74.00 B: 24.00 mm



115997 Starter 12 V, 1.4 kW
 Replacing: 0001138039, 0001138040, 1986S00832
 Servicing: Mini
 B+ M8, Length 230.00, Gear type GR, Mount. holes 2 (2)
 A: 74.00 B: 26.00 mm



115999 Starter 12 V, 1.4 kW
 Replacing: 0001170200, 0001170201, 1986S00873
 Servicing: BMW, Mini
 B+ M8, Length 206.00, Gear type GR, Mount. holes 3 (0)
 A: 66.00 B: 1.00 mm



116001 Starter 12 V, 2.0 kW
 Replacing: 0001148019, 0001148020, 1986S00862
 Servicing: BMW
 B+ M8, Length 236.00, Gear type GR, Mount. holes 3 (0)
 A: 69.00 B: 6.00 mm



116002 Starter 12 V, 1.7 kW
 Replacing: 0001147404, 0001147405, 1986S00855
 Servicing: Mercedes-Benz
 B+ M8, Length 247.50, Gear type GR, Mount. holes 2 (2)
 A: 60.00 B: 28.00 mm



116013 Starter 12 V, 1.8 kW
 Replacing: 0001109047, 0001314003, 0001354200
 Servicing: BPM, Goldoni
 B+ M8, Length 255.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



116024 Starter 12 V, 1.1 kW
 Replacing: 0001137003, 0001137004, 1986S00647, 1986S00826
 Servicing: Alfa Romeo, Fiat, Lancia
 B+ M8, Length 216.50, Gear type GR, Mount. holes 3 (0)
 A: 76.20 B: 20.00 mm



116026 Starter 12 V, 1.4 kW
 Replacing: 0001138055, 0001138056, 1986S00834, F00E100574
 Servicing: Hyundai, Kia
 B+ M8, Length 229.00, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 22.00 mm



116039 Starter 12 V, 1.7 kW
 Replacing: 0001123002, 0001123003, 1986S00796
 Servicing: Audi, Porsche, VW
 B+ M8, Length 232.00, Gear type GR, Mount. holes 2 (1)
 A: 76.20 B: 9.00 mm



116040 Starter 24 V, 4.0 kW
 Replacing: 0001360056, 0001368028
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



116041 Starter 24 V, 4.0 kW
 Replacing: 0001368060, 9000143304
 Servicing: Nissan
 B+ M10, Length 341.00, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 30.00 mm



116044 Starter 24 V, 7.8 kW
 Manufacturer: Bosch
 Replacing: 0001330012, 0001330067, 0001330068
 Servicing: Various Agriculture Vehicles, Volvo, Volvo BM
 B- M10, B+ M10, Length 367.00, Gear type GR, Mount. holes 3 (0), Insulated return Yes
 Alternative no.: 115464
 A: 89.00 B: 48.00 mm



116045 Starter 12 V, 1.4 kW
 Replacing: 0001108420, 0001108421, 0001108457
 Servicing: Alfa Romeo, Fiat, Lancia, Opel
 B+ M8, Length 215.50, Gear type GR, Mount. holes 3 (0)
 A: 76.20 B: 4.00 mm



116049 5★ Starter 12 V, 1.4 kW
 Manufacturer: Visteon
 Replacing: 1986S00228
 Servicing: Ford, Volvo
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 3 (3)
 A: 76.00 B: 26.00 mm



116051 5★ Starter 12 V, 2.2 kW
 Manufacturer: Visteon
 Replacing: 0986026260
 Servicing: Volvo
 B+ M8, Length 243.00, Gear type GR,
 Mount. holes 2 (2)
 Alternative no.: 116483
 A: 63.00 B: -5.00 mm



116054 5★ Starter 12 V, 1.4 kW
 Manufacturer: Bosch
 Replacing: 0001107452, 0001108415,
 0001108445, 0001108466
 Servicing: Audi, Bentley, Porsche
 B+ M8, Length 230.50, Gear type GR,
 Mount. holes 2 (1)
 Alternative no.: 115559
 A: 66.00 B: 24.00 mm



116059 5★ Starter 12 V, 2.2 kW
 Manufacturer: Bosch
 Replacing: 0001139001, 0001139002,
 0001139015, 0001139016, 0001148009,
 0001148010, 0001148026, 0001148033
 Servicing: BMW
 B+ M8, Length 242.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115335
 A: 69.00 B: 18.50 mm



116065 Starter 12 V, 2.5 kW
 Replacing: 0001139031, 0001139032,
 1986S00842
 Servicing: Ford
 B+ M8, Length 255.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 18.00 mm



116077 Starter 12 V, 3.0 kW
 Replacing: 0001262031, 0001262032
 Servicing: Same
 B+ M10, Length 316.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



116082 Starter 12 V, 1.7 kW
 Replacing: 0001109403, 0001109404,
 1986S00747, F00E100665
 Servicing: Chrysler, Jeep, Lancia
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.00 B: 21.00 mm



116083 Starter 12 V, 1.8 kW
 Replacing: 0001149404, 0001149405,
 0001149414, 0001149415, 0001149416,
 0001149417, 1986S00866, 1986S00867
 Servicing: Mercedes-Benz
 B+ M8, Length 266.00, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 28.00 mm



116084 Starter 12 V, 1.8 kW
 Replacing: 0001149412, 0001149413,
 1986S00865
 Servicing: Mercedes-Benz
 B+ M8, Length 265.00, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 28.00 mm



116086 5★ Starter 12 V, 2.7 kW
 Manufacturer: Magneton
 Replacing: 1986S00992
 Servicing: Case, Claas, Deutz-Fahr, Fendt,
 Payloader
 B+ M10, Length 234.00, Gear type GR,
 Mount. holes 3 (0)
 Magneton.
 Alternative no.: 110536
 A: 89.00 B: 28.00 mm



116087 Starter 24 V, 5.5 kW
 Replacing: 1986S10029
 Servicing: MAN
 B+ M10, Length 327.50, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



116102 Starter 12 V, 1.1 kW
 Replacing: F002G20917
 Servicing: Suzuki
 B+ M8, Length 199.00, Gear type GR,
 Clutch type Dry, Mount. holes 2 (1)
 A: 64.00 B: 25.00 mm



116128 5★ Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: 0001109370, 0001218172, 0001218772, 0001223002

Servicing: Atlas Copco, Bomag, Ingersoll-Rand, John Deere, KHD, Terex, Thwaites, Various Agriculture Vehicles

B+ M8, Length 287.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 111855

A: 82.50 B: 23.00 mm



116132 5★ Starter 24 V, 4.0 kW

Manufacturer: Mahle Letrika

Replacing: 0001101110, 0001231018

Servicing: Deutz-Fahr

B+ M10, Length 324.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 114220

A: 82.50 B: 23.00 mm



116135 5★ Starter 24 V, 4.0 kW

Manufacturer: Mahle Letrika

Replacing: 0001231007, 0001231019, 0001231030, 0001231119, 0986018990

Servicing: Fendt, MAN

B+ M10, Length 321.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 112446

A: 89.00 B: 28.00 mm



116137 5★ Starter 12 V, 2.8 kW

Manufacturer: Mahle Letrika

Replacing: 0001359104, 0001362067, 9007044014

Servicing: Buhner, Ford, Matbro, New Holland

B- M8, B+ M8, Length 318.50, Gear type DD, Mount. holes 3 (0)

Alternative no.: 110462

A: 92.00 B: 21.00 mm



116139 5★ Starter 12 V, 3.0 kW

Manufacturer: Mahle Letrika

Replacing: 0001358027, 0001358044, 0001358046, 0001358073, 0001358305, 0001359012, 0001359027, 0001359046

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer

B+ M10, Length 311.00, Gear type DD, Mount. holes 3 (0)

Iskra type.

Alternative no.: 110536

A: 89.00 B: 28.00 mm



116156 Starter 12 V, 2.0 kW

Replacing: 0001153005, 0001153006, 1986S00869

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115539 5★

A: 79.00 B: 42.00 mm



116157 Starter 12 V, 2.2 kW

Replacing: 1986S00223

Servicing: Ford, Volvo

B+ M8, Length 243.50, Drive type Steel, Gear type GR, Mount. holes 3 (3)

Alternative no.: 113911 5★

A: 62.50 B: -5.95 mm



116159 Starter 12 V, 1.4 kW

Replacing: 1986S00221

Servicing: Ford, Mazda

B+ M8, Length 200.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

Alternative no.: 113905 5★

B: 14.00 mm



116248 Starter 12 V, 2.2 kW

Replacing: 0001123041, F000AL0901, F000AL0903

Servicing: VW

B+ M8, Length 222.00, Gear type GR, Mount. holes 2 (1)

B: 12.00 mm



116255 Starter 12 V, 1.9 kW

Replacing: 1986S00601

Servicing: Hyundai, Kia

B+ M8, Length 216.00, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm



116256 Starter 12 V, 0.8 kW

Replacing: 1986S00593

Servicing: Honda

B+ M8, Length 213.50, Gear type GR, Mount. holes 2 (1)

A: 70.00 B: 33.00 mm



116259 Starter 12 V, 2.1 kW

Replacing: 0001147424, 0001147425, 1986S00859

Servicing: BMW

B+ M8, Length 228.00, Gear type GR, Mount. holes 2 (1)

A: 76.20 B: 26.00 mm



116273 Starter 12 V, 1.8 kW
 Replacing: 1986S00612
 Servicing: BMW
 B+ M8, Length 216.00, Gear type GR,
 Mount. holes 3 (0)
 A: 68.00 B: 6.00 mm



NEW PRODUCT
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116278 Starter 12 V, 1.5 kW
 Replacing: 0001170606, 0001170607,
 0001170616, 0001170617, 0001170620,
 0001170621, 0001170622, 0001170623
 Servicing: Nissan, Opel, Renault, Vauxhall
 B+ M8, Length 198.50, Gear type GR,
 Mount. holes 3 (3)
 A: 64.00 B: 0.20 mm



116282 Starter 12 V, 1.7 kW
 Replacing: 0001174600, 0001174601,
 0001A01305, 1986S00879
 Servicing: Citroen, DS, Opel, Peugeot,
 Vauxhall
 B+ M8, Length 220.00, Gear type GR,
 Mount. holes 3 (1)
 A: 64.00 B: 13.50 mm



116286 Starter 12 V, 2.0 kW
 Replacing: 1986S00630
 Servicing: Land Rover
 B+ M8, Length 242.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 25.50 mm



116312 Starter 12 V, 2.7 kW
 Replacing: 0001358027, 0001358044,
 0001358046, 0001358049, 0001358073,
 0001358305, 0001359003, 0001359012
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer
 B+ M10, Length 293.00, Gear type DD,
 Mount. holes 3 (0)
 Bosch Type.
 Alternative no.: 110536
 A: 89.00 B: 28.00 mm



116320 Starter 12 V, 2.7 kW
 Replacing: 0001358033
 Servicing: Bomag, Fendt, KHD, Mercedes-
 Benz
 B+ M10, Length 338.00, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



116327 Starter 12 V, 2.2 kW
 Replacing: 0001218141, 0001218741
 Servicing: Citroen, Fiat
 B+ M8, Length 274.00, Gear type GR,
 Mount. holes 3 (3)
 A: 82.00 B: 29.00 mm



116333 Starter 12 V, 1.5 kW
 Replacing: 0001109363, 0001109442,
 0001314047, 1986S00753
 Servicing: Hatz
 B+ M8, Length 265.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 112040
 A: 82.50 B: 40.00 mm



116335 Starter 12 V, 2.0 kW
 Replacing: 0001125021, 0001125022,
 0001125051, 0001125052, 1986S00813
 Servicing: Seat, Skoda, VW
 B+ M8, Length 234.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 112438
 A: 76.00 B: 52.00 mm



116336 Starter 12 V, 1.1 kW
 Replacing: 0001107091, 0001107097, 0001107109,
 0001107110, 0001107111, 1986S00663
 Servicing: Fiat, Lancia
 B+ M8, Length 210.00, Gear type GR,
 Mount. holes 3 (2)
 Alternative no.: 112445
 A: 66.00 B: 12.00 mm



116340 Starter 12 V, 2.0 kW
 Replacing: 0001125016, 0001125017,
 0001125046, 0001125047, 1986S00811
 Servicing: VW
 B+ M8, Length 255.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 112444
 A: 76.20 B: 62.00 mm



116342 Starter 12 V, 1.4 kW
 Replacing: 0001108196, 0001108245, 1986S00700
 Servicing: BMW
 B+ M8, 15a M5, Length 229.00,
 Gear type GR, Mount. holes 2 (1)
 Alternative no.: 113292
 A: 76.00 B: 26.00 mm



116344 Starter 12 V, 1.4 kW
 Replacing: 0001108174, 0001108175, 0001108220, 0001108221
 Servicing: Audi, Skoda, VW
 B+ M8, Length 231.00, Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 27.00 mm



NEW PRODUCT
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116346 Starter 24 V, 4.0 kW
 Replacing: 0001231013, 0001231041, 0001364207, 0001364400, 0001368313
 Servicing: DAF
 Mount. holes 3 (0)
 Alternative no.: 112055*



116347 Starter 24 V, 4.0 kW
 Replacing: 0001231010
 Servicing: Iveco
 B+ M10, Length 317.00, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 113183
 A: 110.00 B: 27.00 mm



116349 Starter 12 V, 1.7 kW
 Replacing: 0001317009, 0001317010, 0001317014, 0001317015, 0001317018, 0001317019, 0001317020, 0001317021
 Servicing: VW
 B+ M8, Length 262.50, Gear type DD/GR, Mount. holes 3 (0)
 Alternative no.: 110996*
 A: 76.00 B: 35.50 mm



NEW PRODUCT
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116356* Starter 24 V, 2.5 kW
 Replacing: 9000332406
 Servicing: Nissan
 Mount. holes 3 (0)



116367 Starter 12 V, 1.7 kW
 Replacing: 0001170624, 0001170625, 0001170628, 0001170629
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 202.00, Gear type GR, Mount. holes 2 (2)
 A: 64.00 B: 0.20 mm



116369 Starter 12 V, 2.7 kW
 Replacing: 0001109405, 0001109406, 1986S10035
 Servicing: New Holland
 B+ M8, Length 246.00, Gear type GR, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



116375 Starter 12 V, 1.7 kW
 Replacing: 0001170605
 Servicing: Nissan, Renault
 B+ M8, Length 199.00, Gear type GR, Mount. holes 2 (2)
 A: 64.00 B: 0.40 mm



116376 Starter 24 V, 4.0 kW
 Replacing: 0001231012
 Servicing: DAF
 B+ M10, Length 315.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



116378 Starter 24 V, 6.0 kW
 Manufacturer: Bosch
 Replacing: 0001261046, 0001261047, 0001261071, 0001261072, 0001261087, 0001261088, 1986S10046
 Servicing: DAF, Solaris, Temsa, Van Hool
 B+ M10, Length 324.00, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 48.20 mm



116379 Starter 12 V, 3.2 kW
 Replacing: 0001230003
 Servicing: Atlas Copco, John Deere
 B+ M10, Length 321.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 34.00 mm

NEW PRODUCT
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116411* Starter 12 V, 2.2 kW
 Replacing: 0001153029, 0001153030
 Servicing: VW

NEW PRODUCT

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116415* Starter 12 V, 1.75 kW
 Replacing: 0001179002, 0001179003
 Servicing: BMW
 Gear type GR, Mount. holes 3 (0)

NEW PRODUCT

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116416* Starter 12 V, 1.7 kW
 Replacing: 0001170602, 0001170603
 Servicing: BMW



116418 Starter 12 V, 1.4 kW
 Replacing: 0001170656, 0001170657, 0001170674, 0001170675, 55506642
 Servicing: Opel, Vauxhall
 B+ M8, Length 195.00, Gear type GR, Mount. holes 2 (0)
 A: 68.00 B: 21.00 mm



116424 Starter 12 V, 1.6 kW
 Replacing: 0986CR1723
 Servicing: Lexus
 B+ M8, Length 182.50, Gear type GR, Mount. holes 2 (2)
 A: 74.00 B: 22.50 mm



116446 Starter 12 V, 2.5 kW
 Replacing: F002G20658
 Servicing: John Deere
 B+ M10, Length 234.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 35.00 mm



116461 Starter 12 V, 2.7 kW
 Replacing: 0001362309, 0001367011
 Servicing: Steyr
 B+ M10, Length 340.50, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 20.50 mm



NEW PRODUCT

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116465 Starter 12 V, 2.6 kW
 Replacing: 0001223506, 0001314011
 Servicing: Various Agriculture Vehicles
 B+ M10, Length 283.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



116473 Starter 24 V, 4.0 kW
 Replacing: 0001231039, 0001251003, 0001251004, 0001263023, 0001263024, 1986510037
 Servicing: Irisbus, Iveco
 B+ M10, Length 303.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114307
 A: 89.00 B: 48.00 mm



116483 Starter 12 V, 2.2 kW
 Replacing: 1986S00226
 Servicing: Volvo
 B+ M8, Length 243.00, Gear type GR, Mount. holes 2 (2)
 Alternative no.: 116051
 A: 63.00 B: -5.00 mm



116486 Starter 12 V, 1.7 kW
 Replacing: 0001138019, 0001138020, 0001138069, 0001138070, 0001174604, 0001174605, 1986S00838, F00E100629
 Servicing: Audi, Audi (FAW)
 B+ M8, Length 241.50, Gear type GR, Mount. holes 2 (1)
 A: 66.00 B: 23.50 mm



116496 Starter 12 V, 3.0 kW
 Replacing: 0001367007, 605720100083
 Servicing: Fendt
 B+ M10, Length 343.00, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 21.00 mm



116510 Starter 12 V, 3.6 kW
 Replacing: 0001400001, 0001400004, 0001401001, 0001401004, 0001401015, 0001401016, 0001401031, 0001401032
 Servicing: Various Industrial applications
 B- M10, B+ M10, Length 386.00, Gear type DD, Mount. holes 0 (0)
 B: 37.00 mm



116553 Starter 12 V, 1.7 kW
 Replacing: 0001109351, 0001109352, 0001109393, 0001109394, 0001109399, 0001109400
 Servicing: Dodge, Jeep
 B+ M8, Length 247.00, Gear type GR, Mount. holes 2 (2)
 A: 80.00 B: 21.00 mm



NEW PRODUCT
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116554 Starter 12 V, 2.5 kW

Replacing: 0001109377, 0001109378, 0001109401, 0001109402, 1986S00746

Servicing: Dodge, Jeep

B+ M8, Length 256.30, Gear type GR, Mount. holes 2 (0)

A: 70.00 B: 35.90 mm



116556 Starter 12 V, 1.1 kW

Replacing: 0001107024, 0001107099, 1986S00661

Servicing: BCS, Bertolini, Ferrari, Goldoni, Lombardini, Piaggio, Valpadana

B+ M8, Length 220.50, Gear type GR, Mount. holes 2 (0)

Alternative no.: 112171

A: 76.00 B: 28.00 mm



NEW PRODUCT
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116568 Starter 12 V, 2.0 kW

Replacing: 0001125057, 0001125058, 1986S00816, F00E100632

Servicing: Porsche

B+ M8, Length 234.00, Gear type GR, Mount. holes 2 (0)

A: 60.00 B: 29.00 mm

NEW PRODUCT
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116570* Starter 12 V, 1.7 kW

Replacing: 0001108208, 0001108209, 0001108460, 0001108461, 1986S00711

Servicing: Alpina, BMW



NEW PRODUCT
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116571 Starter 12 V, 1.7 kW

Replacing: 0001110059, 0001110081, 0001115011, 0001115118, 1986S00778

Servicing: Porsche

B+ M8, Length 314.50, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 77.50 mm



NEW PRODUCT
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116579 Starter 12 V, 2.5 kW

Replacing: 0001109357

Servicing: Jacobsen, John Deere

B+ M8, Length 246.00, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



116584 Starter 12 V, 2.2 kW

Replacing: 0001148003, 0001148004

Servicing: Opel, Vauxhall

B+ M8, Length 237.00, Gear type GR, Mount. holes 3 (0)

A: 82.00 B: 4.50 mm



116624 Starter 12 V, 1.1 kW

Replacing: 0001107057, 0001107058, 1986S00657, 563R0540

Servicing: Mosa

Gear type GR, Mount. holes 2 (0)

Alternative no.: 112497

NEW PRODUCT
www.hc-cargo.com

116634* Starter 12 V, 1.1 kW

Replacing: F000AL0104, F000AL0121

Servicing: Citroen, Dongfeng Citroen, Fiat, Lancia, Peugeot



116681 Starter 24 V, 2.6 kW

Replacing: 0001355014, 0001363110, 035530048A, 35530048A, 4002986, 4104783, 4130796, 63223800, 63223800010

Servicing: Various Agriculture Vehicles

B+ M10, Length 295.50, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



116685 Starter 12 V, 2.3 kW

Replacing: 0001109359, 0001109360, 0001170632, 0001362017, 0001362018, 0001362040, 0001362076, 0021519501

Servicing: Arona

B+ M8, Length 247.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115344

A: 82.50 B: 21.00 mm



116690 Starter 24 V, 4.8 kW

Replacing: 0001364101, 0001364300

Servicing: Bosch, KHD

B+ M10, Length 358.00, Gear type DD, Mount. holes 3 (0)

Alternative no.: 112651

A: 89.00 B: 49.00 mm

NEW PRODUCT

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116703 Starter 12 V, 1.4 kW
 Replacing: 0001122402, 0001122403, 1986S00795
 Servicing: Audi, VW

NEW PRODUCT

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116720* Starter 12 V, 1.4 kW
 Replacing: 0001177004, 0001177005, 0001177012,
 0001177013, 1986S00882, F00E100575
 Servicing: Audi, Seat, Skoda, Skoda (SVW),
 VW
 Gear type GR, Mount. holes 3 (0)
 A: 79.00 mm

NEW PRODUCT

www.hc-cargo.com

116763* Starter 12 V, 2.3 kW
 Replacing: 0001218142, 0001218742
 Servicing: Steyr
 Gear type GR, Mount. holes 2 (0)

NEW PRODUCT

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116779* Starter 12 V, 1.4 kW
 Replacing: 0001108408, 0001108430,
 0001108431, 1986S00708
 Servicing: Ford

NEW PRODUCT

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116788* Starter 12 V, 3.0 kW
 Replacing: 0001230030
 Servicing: Iveco



110634 Starter 12 V, 0.65 kW
 Replacing: 390838, 391423, 392749, 394805, 453303, 491766, 497594, 497595, 693054
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 170.00,
 Drive type Plastic, Gear type DD,
 Mount. holes 3 (0)



110635 Starter 12 V, 0.5 kW
 Replacing: 393017, 394674, 394808, 435307, 497596
 Servicing: Briggs & Stratton, Various Agriculture Vehicles
 B+ M6, Length 169.00,
 Drive type Plastic, Gear type DD,
 Clutch type Dry, Mount. holes 2 (0)
 B: 15.60 mm



111804 Starter 12 V
 Replacing: 391178, 394807, 396306
 Servicing: Toro, Various Agriculture Vehicles
 B+ 1/4" UNC, Length 182.00,
 Drive type Plastic, Gear type DD,
 Mount. holes 2 (0)
 B: 50.00 mm



112242 Starter 12 V, 0.6 kW
 Replacing: 399928, 495100, 498148
 Servicing: Briggs & Stratton, Various Agriculture Vehicles
 B+ M6, Length 182.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 B: 10.00 mm



112563 Starter 12 V, 0.8 kW
 Replacing: 393499, 394943, 399160, 399169, 490420, 494148, 494198, 494490, 494900, 494990, 495920, 497401
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 182.00,
 Drive type Plastic, Gear type DD,
 Mount. holes 2 (0)



113208 Starter 12 V, 0.8 kW
 Replacing: 825095
 Servicing: Various Industrial applications
 B+ M8, Length 180.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 73.90 B: 20.00 mm



113539 Starter 12 V
 Replacing: 691564, 693469, 808106, 844717
 Servicing: Briggs & Stratton, John Deere
 B+ 1/4" UNC, Length 185.70,
 Drive type Bronze, Gear type DD,
 Clutch type Dry, Mount. holes 2 (0)
 B: 11.50 mm



113853 Starter 12 V, 0.5 kW
 Replacing: 593934, 693551
 Servicing: Briggs & Stratton, Cub Cadet, John Deere
 B+ 1/4" UNC, Length 170.00,
 Drive type Bronze, Gear type DD,
 Mount. holes 3 (0)
 B: 13.00 mm



114519 Starter 12 V, 1.0 kW
 Replacing: 693552
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 182.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 B: 13.00 mm



114520 Starter 12 V
 Replacing: 490753, 495104
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 235.00,
 Drive type Plastic, Gear type DD,
 Mount. holes 3 (1)
 B: 48.00 mm



114716 Starter 12 V
 Replacing: 807383, 809054
 Servicing: Briggs & Stratton
 B+ M8, Length 208.00, Gear type DD,
 Mount. holes 2 (0)
 A: 70.00 B: 32.50 mm



115469 Starter 12 V
 Replacing: 715208
 Servicing: Briggs & Stratton, Various Agriculture Vehicles, Various Industrial applications
 B+ M6, Length 185.50, Gear type PMDD,
 Mount. holes 2 (0)
 A: 55.00 B: 20.50 mm



115592# Starter 12 V, 0.6 kW
 Replacing: 695479
 Servicing: Briggs & Stratton
 B+ M6, Length 170.00, Gear type DD,
 Mount. holes 2 (0)
 B: 20.00 mm



115755 Starter 12 V, 1.2 kW
 Replacing: 825083, 825700
 Servicing: Kawasaki
 B+ M8, Length 180.00, Gear type GR,
 Mount. holes 2 (2)
 A: 74.00 B: 20.00 mm



111398 Starter 12 V, 1.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 61201650, 612A1650
 Servicing: BUKH
 B+ M8, Length 215.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
Oe unit has an opening on opposite side. HC-CARGO 111398 should be mounted "uOE unit has an opening on opposite side. HC-CARGO 111398 should be mounted "upside down" (Solenoid downward).
 A: 82.00 B: 21.00 mm



110205 Starter 24 V, 6.5 kW

Replacing: 857466, 858881, 860500

Servicing: Volvo

B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm



110206 Starter 24 V, 5.4 kW

Replacing: 857470, 860508

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B- M10, B+ M12, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm



110207 Starter 24 V, 5.4 kW

Replacing: 110207

Servicing: Volvo, Volvo BM

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110208 Starter 24 V, 5.4 kW

Replacing: 860121, 860504

Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Waterproof

A: 89.00 B: 48.00 mm



110210 Starter 24 V, 6.6 kW

Replacing: 857468, 860132, 860506

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B- M10, B+ M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Not suitable for biogas plants

A: 92.00 B: 47.50 mm



110214 Starter 24 V, 6.6 kW

Replacing: 860548

Servicing: Scania

B- M10, B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 37.00 mm



110347 Starter 24 V, 7.5 kW

Replacing: M57-410C

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco, Scania

B- 1/2" UNC, B+ 1/2" UNC, Length 522.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes, Oil sealed

Replacing: 50MT.

A: 92.00 B: 47.00 mm



110442 Starter 12 V, 2.1 kW

Replacing: 859883

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 30.00 mm



110449 Starter 12 V, 3.6 kW

Manufacturer: Prestolite

Replacing: 870644

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, Length 370.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Alternative no.: 116326

A: 88.90 B: 48.75 mm



110517 Starter 24 V, 3.2 kW

Replacing: 860104

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 295.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



110518 Starter 24 V, 4.0 kW

Replacing: 859542, LNS4524/20

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



110523 Starter 24 V, 4.0 kW

Replacing: 859539, LNS4524/17

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm



110524 Starter 24 V, 4.0 kW
 Replacing: 858780, 859537, LNS4524/15
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110525 Starter 12 V, 3.0 kW
 Replacing: 860109, 860130
 Servicing: Claas, Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110527 Starter 24 V, 4.0 kW
 Replacing: 857472, 859535, LNS4524/13
 Servicing: Scania, Steyr, Toyota
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Insulated return No Not Insulated return.
 A: 89.00 B: 48.00 mm



110535 Starter 24 V, 5.4 kW
 Replacing: 860115, 860655
 Servicing: Fiat, Iveco
 B- M10, B+ M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110538 Starter 12 V, 3.6 kW
 Replacing: 860542
 Servicing: Volvo Penta
 B- M10, B+ M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 47.00 mm



110566 Starter 24 V, 5.2 kW
 Manufacturer: Prestolite
 Replacing: 870648, 870660
 Servicing: Perkins
 B+ M8, Length 371.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.75 mm



110582 Starter 24 V, 5.4 kW
 Replacing: 860125, 860516
 Servicing: Iveco
 B- M10, B+ M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110590 Starter 12 V, 2.8 kW
 Replacing: LNS2830
 Servicing: Bobcat, Perkins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Waterproof
 Replacing: 22MT, 27MT, 28MT.
 A: 88.90 B: 46.00 mm



110602 Starter 12 V, 2.8 kW
 Replacing: LNS2820
 Servicing: Bobcat, Clark, Perkins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Oil sealed
 Replacing: 22MT, 28MT.
 A: 89.00 B: 46.00 mm



110980 Starter 24 V, 5.4 kW
 Replacing: 858878, 860110, 860512
 Servicing: Volvo
 B- M10, B+ M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110981 Starter 24 V, 5.4 kW
 Replacing: 859021, 860509
 Servicing: DAF
 B- M10, B+ M12, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 110.00 B: 47.50 mm



111000 Starter 24 V, 6.5 kW
 Replacing: 851078, 851122, 851339, 855689,
 858442, 858444, 858506, 858979, 860334,
 MS1/401A, MS1/411AZ
 Servicing: Caterpillar, Clark, Cummins, Fiat-
 Allis, Ingersoll-Rand
 B- 1/2" UNC, B+ 1/2" UNC,
 Length 497.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Insulated return Yes, Oil sealed
 Replacing: 42MT. w/ rotating D.E. Bracket.
 A: 92.00 B: 46.00 mm



111041 Starter 12 V, 2.8 kW
 Replacing: LNS2810
 Servicing: Fiat-Allis, Hyster, Perkins
 B+ M10, Length 338.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Replacing: 22MT, 27MT, 28MT.
 A: 88.85 B: 46.25 mm



111097 Starter 24 V, 5.5 kW
 Manufacturer: Prestolite
 Replacing: 859422, 859432, 870655, 870663,
 LNS4524/4, LNS4524/7, MS4/406, MS4-406
 Servicing: Komatsu, Perkins
 B+ M10, 15a M5, Length 374.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes,
 Oil sealed
 A: 88.90 B: 30.35 mm



111100 Starter 12 V, 0.7 kW
 Replacing: MS1/453
 Servicing: Citroen
 B+ M8, Length 207.75, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.60 B: 19.80 mm



111231 Starter 24 V, 6.6 kW
 Replacing: 860123
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 40.25 mm



111399 Starter 24 V, 4.0 kW
 Replacing: 859022, 859506, LNS4524/9
 Servicing: DAF
 B- M8, B+ M10, Length 352.50,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 38.00 mm



111574 Starter 12 V, 2.8 kW
 Replacing: 858762
 Servicing: ERF, LDV International, Various
 Agriculture Vehicles
 B+ M8, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.75 B: 47.15 mm



111638 Starter 24 V, 4.0 kW
 Replacing: 859534, LNS4524/12
 Servicing: Volvo
 B- M10, B+ M10, Length 334.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 3 (0)
 A: 89.00 B: 47.70 mm



111640 Starter 24 V, 4.0 kW
 Replacing: 858318, 859538, LNS4524/16
 Servicing: MAN
 B+ M10, Length 338.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.50 B: 28.00 mm



111760 Starter 24 V, 4.5 kW
 Replacing: 860318
 Servicing: Case, Cummins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Replacing: 7MT, 28MT.
 A: 89.00 B: 45.00 mm



111771 Starter 24 V, 6.2 kW
 Replacing: 860615
 Servicing: Mercedes-Benz
 B- M10, B+ M12, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111910 Starter 24 V, 6.7 kW
 Replacing: 860305
 Servicing: Scania
 B- M10, B+ M12, Length 429.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



112055 Starter 24 V, 4.0 kW
 Manufacturer: Bosch
 Replacing: 860304
 Servicing: DAF
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 116346
 A: 110.00 B: 48.00 mm



112090 Starter 24 V, 5.2 kW
 Manufacturer: Prestolite
 Replacing: 870653
 Servicing: Ford
 B+ M8, 15a M5, Length 371.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes,
 Oil sealed
 A: 92.00 B: 20.50 mm



112091 Starter 24 V, 7.8 kW
 Manufacturer: Prestolite
 Replacing: 870649, 870658
 Servicing: Perkins
 B+ M8, 15a M5, Length 371.55,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes,
 Oil sealed
 A: 89.00 B: 47.00 mm



112116 Starter 24 V, 6.6 kW
 Replacing: 860511
 Servicing: Volvo
 B- M12, B+ M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 92.00 B: 47.00 mm



112119 Starter 24 V, 6.6 kW
 Replacing: 858879, 860505
 Servicing: Scania
 B- M10, B+ M10, Length 406.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 37.00 mm



112267 Starter 12 V, 2.5 kW
 Replacing: LNS2800
 Servicing: Bobcat, Cummins, Ford
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Oil sealed
 A: 89.00 B: 46.50 mm



112446 Starter 24 V, 4.0 kW
 Replacing: 860818
 Servicing: MAN
 B+ M10, Length 321.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 Bosch DD HC-CARGO 113468.
 Alternative no.: 116135
 A: 89.00 B: 27.45 mm



112507 Starter 24 V, 5.4 kW
 Replacing: 860520
 Servicing: Volvo, Volvo Penta
 B- M10, B+ M10, Length 385.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 BOSCH OE 0001414022/0001416026 IS OIL-
 SEALED. HC-CARGO 112507 IS NOT!
 A: 89.00 B: 47.50 mm



113380 Starter 12 V, 2.8 kW
 Replacing: 860106
 Servicing: Ford
 B- M8, B+ M8, Length 311.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 Terminal 50 is where the wire needs to be soldered.
 A: 91.80 B: 20.00 mm



113389 Starter 12 V, 2.2 kW
 Replacing: 860100
 Servicing: Mercedes-Benz
 B+ M8, Length 272.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 26.00 mm



113453 Starter 24 V, 6.5 kW
 Manufacturer: Prestolite
 Replacing: 870604, 870640
 Servicing: Iveco
 B+ M10, 15a M5-6.30, Length 370.50,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0),
 Insulated return Yes, Oil sealed
 A: 110.00 B: 26.80 mm



113466 Starter 24 V, 4.0 kW
 Replacing: 860103
 Servicing: Citroen, Peugeot, Renault V.I.
 B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.90 B: 22.00 mm



114193 Starter 24 V, 5.5 kW
 Replacing: 860822
 Servicing: Renault, Renault V.I., Volvo
 B- M10, B+ M10, Length 350.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115877#
 A: 89.00 B: 48.00 mm



114387 5★ Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: 860714

Servicing: JCB, Perkins

B- M8, B+ M8, Length 299.00,

Gear type DD/GR, Mount. holes 3 (0)

Iskra version.

Alternative no.: 116307

A: 89.00 B: 28.85 mm



114523 Starter 24 V, 4.0 kW

Replacing: 860321

Servicing: Mercedes-Benz, MAZ

B+ M10, Length 313.00, Drive type Steel,

Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.50 mm



115877# 5★ Starter 24 V, 5.5 kW

Manufacturer: Bosch

Replacing: 860822

Servicing: Renault, Renault V.I., Volvo

B- M10, B+ M10, Length 344.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 114193

A: 89.00 B: 47.50 mm



116135 5★ Starter 24 V, 4.0 kW

Manufacturer: Mahle Letrika

Replacing: 860818

Servicing: Fendt, MAN

B+ M10, Length 321.00, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 112446

A: 89.00 B: 28.00 mm



116307 Starter 12 V, 3.2 kW

Replacing: 860714

Servicing: JCB, Perkins

B- M8, B+ M8, Length 299.00,

Gear type DD/GR, Mount. holes 3 (0)

Iskra version.

Alternative no.: 114387 5★

A: 89.00 B: 28.85 mm



NEW PRODUCT
www.hc-cargo.com

116326 Starter 12 V, 3.6 kW

Replacing: 870644

Servicing: Caterpillar, Dronningborg, Hyster,

Massey Ferguson, Perkins

B+ M8, Length 312.00, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 110449 5★

A: 89.00 B: 47.50 mm



NEW PRODUCT
www.hc-cargo.com

116346 Starter 24 V, 4.0 kW

Replacing: 860304

Servicing: DAF

Mount. holes 3 (0)

Alternative no.: 112055# 5★



110205 Starter 24 V, 6.5 kW

Replacing: 2311210, S130L24-21

Servicing: Volvo

B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm



110206 Starter 24 V, 5.4 kW

Replacing: 1403000, 2998011, S115HD24-1

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B- M10, B+ M12, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm



110207 Starter 24 V, 5.4 kW

Replacing: 1327A600, 1327A601, 2998008, S115A24-21

Servicing: Volvo, Volvo BM

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110209 Starter 24 V, 5.4 kW

Replacing: 2998009

Servicing: DAF

B- M10, B+ M12, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110210 Starter 24 V, 6.6 kW

Replacing: 2998010

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B- M10, B+ M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Not suitable for biogas plants

A: 92.00 B: 47.50 mm



110214 Starter 24 V, 6.6 kW

Replacing: 2998006

Servicing: Scania

B- M10, B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 37.00 mm



110347 Starter 24 V, 7.5 kW

Replacing: 2311040

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco, Scania

B- 1/2" UNC, B+ 1/2" UNC, Length 522.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes, Oil sealed

Replacing: 50MT.

A: 92.00 B: 47.00 mm



110449 5★ Starter 12 V, 3.6 kW

Manufacturer: Prestolite

Replacing: 1320015, 1320023, 1320024, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, Length 370.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Alternative no.: 116326

A: 88.90 B: 48.75 mm



110450 5★ Starter 12 V, 3.6 kW

Manufacturer: Prestolite

Replacing: 1320035, 1320036, 1320F035, 1320F036, 1320F515M, 1320G035, 1320G036, 1320H036, 1327020, 1327A020

Servicing: Perkins

B- M8, B+ M8, 15a M4, Length 370.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes, Oil sealed

A: 88.80 B: 47.50 mm



110518 Starter 24 V, 4.0 kW

Replacing: 2998201

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



110524 Starter 24 V, 4.0 kW

Replacing: 2998001

Servicing: Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110525 Starter 12 V, 3.0 kW

Replacing: 2998000

Servicing: Claas, Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110527 Starter 24 V, 4.0 kW

Replacng: 1321780, 1321F780, 1321F904, 2996101, 2998004, CA45F24-Y78

Servicing: Scania, Steyr, Toyota

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return No Not Insulated return.

A: 89.00 B: 48.00 mm


110529 Starter 12 V, 3.0 kW

Replacng: 2998200

Servicing: Agrifull, BENFRA, Case IH, Fiat, Fiat-Allis, Iveco, Lister-Petter, New Holland, Terex B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Gear reduction HC-Cargo 113182

A: 110.00 B: 27.00 mm


110531 Starter 24 V, 6.6 kW

Replacng: 2998007

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

B- M10, B+ M12, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 0 (0)

A: 56.00 B: 37.00 mm


110566 5★ Starter 24 V, 5.2 kW

Manufacturer: Prestolite

Replacng: 1321020, 1321021, 1321022, 1321023, 1321030, 1321511, 1321513, 1321F021, 1321F022, 1321F472

Servicing: Perkins

B+ M8, Length 371.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.75 mm


111000 Starter 24 V, 6.5 kW

Replacng: 2998150

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis, Ingersoll-Rand

B- 1/2" UNC, B+ 1/2" UNC, Length 497.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes, Oil sealed Replacng: 42MT. w/ rotating D.E. Bracket.

A: 92.00 B: 46.00 mm


111097 5★ Starter 24 V, 5.5 kW

Manufacturer: Prestolite

Replacng: 1321916, 1321F916, 1321G916, 1327470, 1327471, 1327480, 1327590, 1327591, 1327620, 1327621

Servicing: Komatsu, Perkins

B+ M10, 15a M5, Length 374.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes, Oil sealed

A: 88.90 B: 30.35 mm


111638 Starter 24 V, 4.0 kW

Replacng: 2998002

Servicing: Volvo

B- M10, B+ M10, Length 334.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)

A: 89.00 B: 47.70 mm


112090 5★ Starter 24 V, 5.2 kW

Manufacturer: Prestolite

Replacng: 1321552, 1321D551, 1321D552, 1321F551, 1321G551, 1321G934, 1327440, 1327A440, 1327A441, CA45D24-55

Servicing: Ford

B+ M8, 15a M5, Length 371.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes, Oil sealed

A: 92.00 B: 20.50 mm


112091 5★ Starter 24 V, 7.8 kW

Manufacturer: Prestolite

Replacng: 1321030, 1321032, 1321033, 1321040, 1321D033, 1321F032, 1321F033, 1321G032, 1321G033, 1321H033

Servicing: Perkins

B+ M8, 15a M5, Length 371.55, Gear type DD, Drive type Steel, Mount. holes 3 (0), Insulated return Yes, Oil sealed

A: 89.00 B: 47.00 mm


112372 5★ Starter 24 V, 7.8 kW

Manufacturer: Prestolite

Replacng: 1321F936, 1321G936, 1321H936, 1327A500, 1327A501, CA45F24-125M, CA45G24-125M, CA45H24-125M

Servicing: Cummins

B+ M8, Length 366.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Insulated return Yes

A: 89.00 B: 48.00 mm


113453 5★ Starter 24 V, 6.5 kW

Manufacturer: Prestolite

Replacng: 1321F929, 1321G929, 1321G938, 1327A690, 1327A691, CA45F24-121, CA45G24-121, CA45G24-121M

Servicing: Iveco

B+ M10, 15a M5-6.30, Length 370.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Insulated return Yes, Oil sealed

A: 110.00 B: 26.80 mm



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116326 Starter 12 V, 3.6 kW

Replacng: 1320015, 1320023, 1320024, 1320027, 1320029, 1320510, 1320513, 1320515, 1320F022, 1320F027

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, Length 312.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 110449 5★

A: 89.00 B: 47.50 mm



110223 Starter 12 V, 1.1 kW
 Replacing: 2095150, 2098500, 2875560,
 3656575, 3656650, 3755259, 3755900, 4091975
 Servicing: Chrysler, Dodge, Plymouth
 B+ 5/16" UNC, Length 283.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (0)
 A: 71.40 B: 23.50 mm



110231 Starter 12 V
 Replacing: 3131371, 3131372
 Servicing: American Motors, Jeep
 B+ 1/4" UNC, Length 265.50,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (1)
 A: 82.50 B: 16.50 mm



110460 Starter 12 V, 2.8 kW
 Replacing: 73154290, 73159536
 Servicing: Atlas Copco, Dronningborg, JCB,
 Massey Ferguson
 B+ M8, Length 307.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



110529 Starter 12 V, 3.0 kW
 Replacing: 035530712A, 35530712A
 Servicing: Agrifull, BENFRA, Case IH, Fiat,
 Fiat-Allis, Iveco, Lister-Petter, New Holland,
 Terex
 B+ M10, Length 340.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Gear reduction HC-Cargo 113182
 A: 110.00 B: 27.00 mm



111349 Starter 12 V, 1.2 kW
 Replacing: 33002709, 54041012AC,
 56021012AB, 56027317, 56041012,
 56041012AB, 56041012AD, 56041012AE,
 56041014
 Servicing: Jeep
 B+ M8, Length 230.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 82.50 B: 5.50 mm



111490 Starter 12 V, 1.4 kW
 Replacing: 56027350, JR775078, JR775132
 Servicing: Eagle, Jeep
 B+ M8, Length 245.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 11.00 mm



111492 Starter 12 V, 1.4 kW
 Replacing: 04557709, 04686045, 04686109,
 05234509, 4557709, 4686045, 4686109,
 4686109E, 5234509, 5334509
 Servicing: Chrysler, Dodge, Nissan, Plymouth
 B+ M8, Length 226.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (2)
 A: 82.00 B: 8.00 mm



111724 Starter 12 V, 2.0 kW
 Replacing: C5530016A
 Servicing: Opel, Vauxhall
 B+ M8, Length 242.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.40 B: 21.00 mm



111764 Starter 12 V, 1.4 kW
 Replacing: 4349144, 4379143, 4379160,
 5226844, 53005984
 Servicing: Dodge
 B+ M8, Length 240.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 71.00 B: 23.50 mm



111851 Starter 12 V, 2.0 kW
 Replacing: 05073919AA, 05103581AA,
 05103581AB, 05134510AA, 05134510AB,
 5073919AA, 5103581AA, 5103581AB
 Servicing: Mercedes-Benz, Multicar,
 Ssangyong
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 25.50 mm



112173 Starter 12 V, 2.7 kW
 Replacing: 035530058A, 35530058A
 Servicing: Bertolini, BMW, Hatz, VM (Stabili-
 menti Mec)
 B+ M10, Length 342.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0)
 A: 82.50 B: 20.00 mm



112301 Starter 12 V, 1.2 kW
 Replacing: 4796981, 56027904, 56041013
 Servicing: Dodge, Jeep
 B+ M8, Length 207.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 60.00 B: 18.00 mm



112454 Starter 12 V, 2.2 kW

Replacing: 035532011A, 035532011F, 035532037F, 035532041F, 35532011A, 35532011F, 35532037F, 35532041F

Servicing: Alfa Romeo, Chrysler, Dodge, Jeep, Rover

B+ M8, Length 274.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 82.50 B: 21.00 mm



112846 Starter 12 V, 1.4 kW

Replacing: 4609058

Servicing: Chrysler, Dodge

B+ M8, Length 231.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)

A: 81.90 B: 7.70 mm



113044 Starter 12 V, 1.4 kW

Replacing: 56004934

Servicing: Jeep

B+ M8, Length 237.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 72.00 B: 23.00 mm



113114 Starter 12 V, 2.7 kW

Replacing: 4741012, 4746639

Servicing: Cummins, Dodge

B+ M10, Length 301.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



113282 Starter 12 V, 1.4 kW

Replacing: 05097072AA, 05097072AC, 5097072AA, 5097072AC

Servicing: Chrysler, Mercedes-Benz

B+ M8, Length 248.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 26.00 mm



113618 Starter 12 V, 1.6 kW

Replacing: 56041207, 56041207AB, 56041207AC, 56041207AD

Servicing: Jeep

B+ M8, Length 215.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 64.90 B: 6.00 mm



113642 Starter 12 V, 1.6 kW

Replacing: 56041136AB, 56041436AA, 56041436AB, 56041436AC

Servicing: Jeep

B+ M8, Length 228.50, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 2 (2)

A: 65.00 B: 5.60 mm



113977 Starter 12 V, 2.2 kW

Replacing: 04868860AA, 4868860AA

Servicing: Chrysler, Dodge

B+ M8, Length 251.00, Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 9.00 mm



114055 Starter 12 V, 2.3 kW

Replacing: 035532043F, 35532043F

Servicing: Jacobsen, John Deere

B+ M8, Length 273.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



114124 Starter 12 V, 1.8 kW

Replacing: 04896421AA, 4896421AA

Servicing: Fiat, Holden, Opel, Saab, Vauxhall

B+ M8, Length 236.00, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 29.00 mm



114144 Starter 12 V, 2.0 kW

Replacing: 05033125AA, 5033125AA

Servicing: Chrysler

B+ M8, Length 227.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.95 mm



114178 Starter 12 V, 1.4 kW

Replacing: 68011829AB, 68012448AB, 68012448AC

Servicing: Maybach, Mercedes-Benz

B+ M8, Length 246.30, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 60.00 B: 27.00 mm


114217 Starter 12 V, 2.0 kW

Replacing: 050033440AC, 05033440AA, 05033440AC, 5033440AA, 5033440AC

Servicing: Dodge, Jeep, Mitsubishi

B+ M8, Length 232.00, Gear type GR, Mount. holes 3 (0)

B: 42.00 mm


114233 Starter 12 V, 2.2 kW

Replacing: 035532045F, 04883447AA, 35532045, 35532045F, 4883447AA

Servicing: Jeep

B+ M8, Length 272.00, Gear type GR, Mount. holes 3 (0)

A: 82.50 B: 21.00 mm


114237 Starter 12 V, 2.2 kW

Replacing: 05033125AB, 5033125AB

Servicing: Chrysler, Jeep

B+ M8, Length 227.00, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 25.50 mm


114265 Starter 12 V, 2.7 kW

Replacing: 035530046A, 35530046A

Servicing: VM Motori, VM (Stabilimenti Mec)

B+ M10, Length 295.00, Mount. holes 2 (0)

A: 82.50 B: 21.50 mm


114274 Starter 12 V, 2.3 kW

Replacing: 035532047F, 35532047F, 56041563AA, RL041563AA

Servicing: Jeep

B+ M8, Length 251.50, Gear type GR, Mount. holes 3 (0)

A: 82.50 B: 21.00 mm


114279 Starter 12 V, 2.2 kW

Replacing: 56041579AB

Servicing: Jeep

B+ M8, Length 227.50, Gear type GR, Mount. holes 3 (0)

A: 82.50 B: 19.00 mm


114283 Starter 12 V, 2.0 kW

Replacing: 04727313AA, 04727313AB, 04727313AC, 4727313AA, 4727313AB, 4727313AC

Servicing: Chrysler

B+ M8, Length 227.00, Gear type GR, Mount. holes 3 (2)

A: 82.50 B: 0.00 mm


114313 Starter 24 V, 2.5 kW

Replacing: 035532044F, 35532044F

Servicing: VM (Stabilimenti Mec)

B+ M8, Length 272.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm


114878 Starter 12 V, 2.2 kW

Replacing: 04801472AA, 4801472AA, 56044572AB, K56044572AB

Servicing: Chrysler, Jeep

B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 27.00 mm


115420 Starter 12 V, 1.7 kW

Replacing: 04801516AA, 4801516AA

Servicing: Chrysler, Jeep

B+ M8, Length 255.10, Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 26.00 mm


115448 Starter 12 V, 1.4 kW

Replacing: 05034555AA, 5034555AA

Servicing: Chrysler, Citroen, Dodge, Jeep, Mitsubishi

B+ M8, Length 198.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 28.50 mm


115535 Starter 12 V, 3.0 kW

Replacing: 035530059A, 35530059A

Servicing: Agrifull, VM (Stabilimenti Mec)

B+ M10, Length 342.00, Gear type DD, Mount. holes 2 (0)

A: 82.40 B: 21.50 mm



115573 Starter 12 V, 2.2 kW

Replacing: 56041579AA

Servicing: Jeep

B+ M8, Length 226.00, Gear type GR,
Mount. holes 3 (0)

A: 82.50 B: 19.00 mm



116045 Starter 12 V, 1.4 kW

Replacing: 68080459AA

Servicing: Alfa Romeo, Fiat, Lancia, Opel

B+ M8, Length 215.50, Gear type GR,
Mount. holes 3 (0)

A: 76.20 B: 4.00 mm



116082 Starter 12 V, 1.7 kW

Replacing: 68080460AA, 68080460AB,
K68080460AB

Servicing: Chrysler, Jeep, Lancia

B+ M8, Length 240.00, Gear type GR,
Mount. holes 2 (1)

A: 76.00 B: 21.00 mm



116267 Starter 12 V, 1.8 kW

Replacing: 56029591AB, K56029591AB

Servicing: Fiat

B+ M8, Length 223.00, Gear type GR,
Mount. holes 2 (0)

A: 82.00 B: 3.50 mm



116553 Starter 12 V, 1.7 kW

Replacing: 04801268AA, 04801268AB,
04801848AA, 04801848AB, 04801848AC,
068100338AA, 4801268AB, 4801848AB

Servicing: Dodge, Jeep

B+ M8, Length 247.00, Gear type GR,
Mount. holes 2 (2)

A: 80.00 B: 21.00 mm



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116554 Starter 12 V, 2.5 kW

Replacing: 04801849AB, 04801849AC,
4801849AB, 4801849AC

Servicing: Dodge, Jeep

B+ M8, Length 256.30, Gear type GR,
Mount. holes 2 (0)

A: 70.00 B: 35.90 mm



116644 Starter 12 V, 1.2 kW

Replacing: 05033067AA, 05033067AB,
5033067AA, 5033067AB

Servicing: Chrysler, Dodge

B+ M8, Length 194.00, Gear type GR,
Mount. holes 2 (1)

A: 74.00 B: 9.00 mm



110149 Starter 12 V, 0.9 kW
 Replacing: 228000-3380, 228000-3381
 Servicing: Mazda, Mercury
 B+ M8, Length 198.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (2)
 A: 74.00 B: 15.00 mm



110152 Starter 12 V
 Replacing: 028000-0370, 028000-1730,
 028000-1731, 028000-1740, 028000-1741,
 028000-2000, 028000-2001
 Servicing: Toyota
 B+ M8, 15a Plug, Length 231.50,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 A: 74.00 B: 19.50 mm



110154 Starter 12 V, 0.8 kW
 Replacing: 028000-0197, 028000-1010,
 028000-1011, 028000-1012, 028000-1013,
 028000-1016, 028000-1080
 Servicing: Komatsu, Toyota
 B+ M8, 15a 6.30, Length 240.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 2 (0)
 Alternative no.: 116800
 A: 82.50 B: 32.50 mm



110158 Starter 12 V, 1.2 kW
 Replacing: 128000-0461, 128000-0462,
 128000-046A
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi,
 Plymouth, Proton
 B+ M8, Length 190.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (2)
 A: 77.00 B: 18.00 mm



110245 Starter 12 V, 1.7 kW
 Replacing: 028000-3360, 028000-3361,
 028000-7480, 028000-7481, 028000-8430,
 028000-8431, 028000-8432
 Servicing: Kubota, Various Agriculture Vehicles
 B+ M8, Length 196.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



110246 Starter 12 V, 1.4 kW
 Replacing: 028000-6140, 128000-4900,
 228000-1060, 228000-1061
 Servicing: Kubota, Various Agriculture Vehicles
 B+ M8, Length 190.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 18.00 mm



110249 Starter 12 V, 0.8 kW
 Replacing: 128000-0290, 128000-0291,
 128000-0670, 128000-0671, 128000-5230,
 128000-5231, 128000-9540
 Servicing: Honda, Nissan, Rover
 B+ M8, Length 209.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 75.00 B: 34.75 mm



110260 Starter 12 V, 1.0 kW
 Replacing: 028000-0510, 028000-2560,
 028000-5900, 028000-5901, 028000-7560,
 028000-7561, 128000-1240
 Servicing: Toyota, VW
 B+ M8, Length 197.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 73.80 B: 20.00 mm



110336 Starter 12 V, 0.75 kW
 Replacing: 028000-5400, 028000-5401, 028000-
 5407, 028000-5410, 028000-7710, 028000-7711
 Servicing: Ford, Mercury, Triumph
 B+ M8, 15a M5, Length 243.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



110356 Starter 12 V, 1.4 kW
 Replacing: 128000-2130, 128000-2131,
 228000-1050, 228000-1052
 Servicing: Hitachi, Kubota, Various Agricul-
 ture Vehicles
 B+ M8, Length 190.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 25.00 mm



110389 Starter 12 V, 2.0 kW
 Replacing: 128000-0040, 228000-3840,
 228000-3841, 228000-3842
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki
 B+ M8, Length 232.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 88.00 B: 6.00 mm



110396 Starter 12 V, 1.4 kW
 Replacing: 028000-1621, 028000-1623,
 028000-1940, 028000-1941, 028000-2250,
 028000-2251, 028000-2261
 Servicing: Toyota
 B+ M8, Length 189.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm


110397 Starter 12 V, 1.0 kW

Replacing: 028000-9260, 028000-9261, 028000-9380, 028000-9381, 128000-0220, 128000-1520, 128000-3340

Servicing: Daihatsu, Toyota, VW

B+ M8, Length 181.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 73.95 B: 18.50 mm


110402 Starter 12 V, 0.6 kW

Replacing: 028000-3730, 028000-6510, 028000-6511, 028000-8730, 028000-9090, 028000-9091, 128000-1860

Servicing: Suzuki

B+ M8, 15a M5, Length 231.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 65.00 B: 26.00 mm


110411 Starter 12 V, 1.4 kW

Replacing: 028000-4000, 028000-4001, 028000-4020, 028000-4021, 028000-4022, 028000-4023, 028000-4024

Servicing: Toyota, VW

B+ M8, Length 189.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm


110421 Starter 12 V, 0.8 kW

Replacing: 028000-1850, 028000-1851, 028000-2150, 028000-2151, 028000-2240, 028000-2241, 028000-2692

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles

B+ M8, Length 194.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0) Alternative no.: 111475

A: 66.00 B: 16.00 mm


110444 Starter 12 V, 2.1 kW

Replacing: 028000-2260, 028000-2264, 028000-2265, 028000-9861

Servicing: LDV

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.80 B: 23.50 mm


110447 Starter 12 V, 1.0 kW

Replacing: 028000-8320, 028000-8321, 028000-8322, 128000-3590, 128000-3591, 128000-5261, 128000-9950

Servicing: Atlas Copco, Bobcat, Bomag, Caterpillar, Doosan, Hitachi, Ingersoll-Rand, JCB, Kubota, Manitou

B+ M8, Length 199.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 66.00 B: 17.00 mm


110485 Starter 12 V, 1.4 kW

Replacing: 028000-5730, 028000-7640, 128000-0110, 128000-0111, 128000-0710, 128000-0711, 128000-0740

Servicing: John Deere, Thermo King, Yanmar

B+ M8, Length 191.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.00 mm


110490 Starter 24 V, 4.5 kW

Replacing: 028000-5860, 028000-5861, 028000-5862, 028000-5863, 028000-5864, 028000-6010, 028000-6011

Servicing: Toyota

B+ M10, Length 295.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 90.00 B: 16.00 mm


110573 Starter 12 V, 2.0 kW

Replacing: 028000-6440, 028000-6441, 128000-2880

Servicing: Daewoo, Hyster, Isuzu

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.80 mm


110580 Starter 24 V, 4.5 kW

Replacing: 028000-6200, 028000-6201, 028000-6202

Servicing: Isuzu

B+ M10, Length 297.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.00 mm


110581 Starter 24 V, 4.5 kW

Replacing: 028000-5890, 028000-5891, 028000-7240, 028000-7241, 028000-7242, 028000-7810, 028000-7811

Servicing: Peugeot, Toyota

B+ M10, Length 296.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 16.30 mm


110626[#] Starter 12 V, 1.4 kW

Replacing: 028000-8230, 128000-1050, 128000-1770, 128000-2960, 128000-2970

Servicing: Caterpillar

B+ M8, Length 228.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Units w/ 2 and 3 mounting holes are interchangeable.

A: 88.80 B: 20.25 mm



110627 Starter 12 V, 2.5 kW
Replacing: 028000-5880, 028000-5881, 028000-5882, 028000-5883, 028000-5884, 228000-8410
Servicing: Case, Ford
B+ M8, **Length** 291.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 3 (0)
A: 89.00 **B:** 47.60 mm



110708 Starter 12 V, 2.7 kW
Replacing: 028000-5580, 028000-5581, 028000-5582, 028000-6860, 028000-6861, 028000-6870, 028000-6871
Servicing: Toyota, VW
B+ M10, **Length** 296.50, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (1)
A: 82.45 **B:** 15.60 mm



110713 Starter 12 V, 1.0 kW
Replacing: 128000-4420, 128000-4421, 128000-5780, 128000-5781, 128000-8350, 128000-8360, 128000-8500
Servicing: GEO, Toyota
B+ M8, **Length** 199.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (1)
A: 73.90 **B:** 8.00 mm



110720 Starter 12 V, 1.4 kW
Replacing: 028000-4200, 028000-4201, 028000-4990, 028000-4991, 028000-6260, 028000-6261, 128000-0170
Servicing: Atlas Copco, Bobcat, Bomag, Hyundai, John Deere, Kubota, Terex, Volvo
B+ M8, **Length** 188.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (0)
A: 82.50 **B:** 25.00 mm



110831 Starter 12 V, 0.8 kW
Replacing: 028000-5200, 028000-5201, 028000-5210, 028000-7680, 028000-7681
Servicing: Ford
B+ M8, **Length** 258.00, **Drive type** Steel, **Gear type** DD, **Mount. holes** 3 (0)
A: 89.00 **B:** 31.00 mm



110938 Starter 12 V, 1.4 kW
Replacing: 028000-7830, 128000-0140, 128000-0141
Servicing: Carrier Transcold
B+ M8, **Length** 188.50, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (0)
A: 82.45 **B:** 26.00 mm



110940 Starter 12 V, 1.4 kW
Replacing: 028000-4730, 028000-6250, 128000-0070, 128000-0071, 128000-1160, 128000-1161, 128000-1470
Servicing: Carrier Transcold, Kubota, Various Agriculture Vehicles
B+ M8, **Length** 188.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (0)
A: 82.00 **B:** 25.00 mm



110941 Starter 12 V, 2.5 kW
Replacing: 028000-0960, 128000-1060, 128000-1061, 128000-1062, 228000-1350, 228000-1351, 228000-1420
Servicing: Caterpillar, Manitou
B+ M10, **Length** 301.85, **Drive type** Steel, **Gear type** GR, **Clutch type** Wet, **Mount. holes** 3 (0), Oil sealed
A: 88.90 **B:** 24.60 mm



110942 Starter 12 V, 2.5 kW
Replacing: 028000-8400, 028000-8401, 028000-8402, 028000-8403, 028000-8404, 228000-6470, 228000-6471
Servicing: Bobcat
B+ M10, **Length** 295.00, **Drive type** Steel, **Gear type** GR, **Clutch type** Wet, **Mount. holes** 2 (0), Oil sealed
A: 82.50 **B:** 35.50 mm



110944 Starter 24 V, 5.5 kW
Replacing: 128000-5730, 128000-5731, 128000-5732, 128000-5733
Servicing: Caterpillar
B+ M10, **Length** 322.00, **Drive type** Steel, **Gear type** GR, **Clutch type** Wet, **Mount. holes** 3 (0), Oil sealed
A: 88.75 **B:** 47.50 mm



110961 Starter 12 V, 2.5 kW
Replacing: 128000-4080, 128000-4081, 128000-4082, 128000-4083, 128000-4720, 128000-9610
Servicing: Caterpillar
B+ M10, **Length** 292.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 3 (0)
A: 89.00 **B:** 48.00 mm



110962 Starter 12 V, 2.0 kW
Replacing: 028000-9830, 028000-9831, 128000-7030, 128000-7031
Servicing: Caterpillar
B+ M10, **Length** 228.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 3 (0)
A: 73.90 **B:** 19.10 mm



110999 Starter 24 V

Replacing: 128000-7510, 128000-7520, 228000-0070

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt, Various, Volvo

B+ 1/2" UNC, B+ 1/2" UNC, Length 499.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes, Oil sealed Replacing: 42MT.

A: 92.00 B: 46.50 mm



111021 Starter 12 V, 1.4 kW

Replacing: 028000-4520, 128000-0050, 128000-9050, 128000-9051, 228000-0150, 228000-0990, 228000-0991

Servicing: Bobcat, Carrier Transicold, Case, Cummins, Ferrari, Hitachi, Kubota, Manitou, New Holland, TCM

B+ M8, Length 209.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm



111087 Starter 12 V, 1.0 kW

Replacing: 128000-1150, 128000-1151, 128000-1152, 128000-1153, 128000-1154

Servicing: John Deere, Yanmar

B+ M8, Length 199.45, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 21.00 mm



111131 Starter 12 V, 0.8 kW

Replacing: 128000-2670, 128000-2790, 128000-3740, 128000-3741, 128000-4230, 128000-8650, 128000-8690

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm



111189 Starter 12 V, 0.8 kW

Replacing: 128000-8130

Servicing: Komatsu, Toyota

B+ M8, Length 231.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 73.90 B: 20.00 mm



111197 Starter 12 V, 2.0 kW

Replacing: 028000-9030, 028000-9031, 028000-9032, 228000-0691, 228000-4570, 228000-4571, 228000-4572

Servicing: Atlas Copco, Bobcat, Bomag, Caterpillar, Doosan, Hyundai, John Deere, Kawasaki, Kubota, Manitou

B+ M8, Length 232.40, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.55 B: 26.00 mm



111224 Starter 12 V, 4.0 kW

Replacing: 028000-3290, 028000-3291, 028000-3292, 028000-3295, 028000-5040, 028000-6920, 028000-6921

Servicing: John Deere

B+ M10, Length 402.50, Drive type Steel, Gear type GR, Mount. holes 3 (0), Oil sealed Replacing: 37MT.

A: 88.90 B: 47.60 mm



111299 Starter 12 V, 1.4 kW

Replacing: 228000-0660, 228000-0661, 228000-0662, 228000-0663, 228000-0664

Servicing: Carrier Transicold

B+ M8, Length 187.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 82.40 B: 24.40 mm



111310 Starter 12 V, 0.8 kW

Replacing: 028000-9900, 028000-9901, 028000-9902, 128000-0600, 128000-0609, 128000-2860, 128000-2861

Servicing: Chevrolet, GEO, Pontiac, Subaru, Suzuki

B+ M8, Length 206.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 6.00 mm



111385[#] Starter 12 V, 0.6 kW

Manufacturer: Lucas

Replacing: 028000-9220, 028000-9221, 128000-1540, 128000-1541, 128000-4030, 128000-4031, 128000-4032

Servicing: Suzuki

B+ M8, 15a 6.30, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 64.85 B: 27.00 mm



111387 Starter 12 V, 2.0 kW

Replacing: 028000-7307, 028000-7370, 028000-7371, 028000-7372, 028000-7373, 028000-8760, 028000-8761

Servicing: Toyota, VW

B+ M8, Length 232.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (1)

A: 82.50 B: 15.00 mm



111442 Starter 12 V, 1.4 kW

Replacing: 128000-0300, 128000-0301, 128000-2190, 128000-2191, 128000-3190, 128000-5110, 128000-7710

Servicing: Acura, Honda, Rover

B+ M8, Length 216.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 75.00 B: 33.50 mm



111451 Starter 12 V, 1.4 kW

Replacing: 028000-6540, 028000-6541, 028000-6550, 028000-6551, 028000-8570, 028000-8571, 028000-9800

Servicing: Nissan, Subaru

B+ M8, Length 210.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 82.50 B: 33.50 mm



111455 Starter 12 V, 0.8 kW

Replacing: 128000-2680, 128000-2682, 128000-4480, 128000-5680, 128000-5681, 128000-5682, 128000-6420

Servicing: Toyota

B+ M8, Length 201.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 74.00 B: 8.50 mm



111463 Starter 12 V, 1.0 kW

Replacing: 228000-3330, 228000-3331, 228000-3332, 228000-3333, 228000-5920, 228000-5922, 228000-5923

Servicing: Toyota

B+ M8, Length 223.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 55.00 B: 65.00 mm



111492 Starter 12 V, 1.4 kW

Replacing: 128000-7140, 128000-7141, 128000-9380, 228000-0470, 228000-0471, 228000-0472, 228000-0473

Servicing: Chrysler, Dodge, Nissan, Plymouth

B+ M8, Length 226.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (2)

A: 82.00 B: 8.00 mm



111525 Starter 12 V, 2.2 kW

Replacing: 128000-5760

Servicing: Daihatsu

B+ M8, Length 237.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 22.00 mm



111544 Starter 12 V, 1.4 kW

Replacing: 128000-3480, 128000-3481, 128000-3482, 128000-5950, 128000-5951, 128000-5952, 128000-7390

Servicing: Lexus, Toyota

B+ M8, Length 236.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 55.00 B: 65.00 mm



111552 Starter 12 V, 1.0 kW

Replacing: 128000-7190, 128000-7191, 128000-8310, 128000-8311, 128000-8312, 128000-8313, 128000-7130

Servicing: Subaru

B+ M8, Length 204.25, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 65.00 B: 49.00 mm



111561 Starter 12 V, 0.6 kW

Manufacturer: Lucas

Replacing: 028000-9940, 128000-1930, 128000-1950, 128000-1951, 128000-4060, 128000-4061

Servicing: Suzuki

B+ M8, 15a 4.70, Length 231.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.40 B: 34.00 mm



111622 Starter 12 V, 1.2 kW

Replacing: 228000-0950, 228000-0951

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, Length 183.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 66.30 B: 18.00 mm



111679 Starter 24 V, 4.5 kW

Replacing: 128000-8620, 128000-8621, 228000-1600, 228000-1601

Servicing: Toyota

B+ M10, Length 292.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 91.00 B: 16.00 mm



111683 Starter 12 V, 2.0 kW

Replacing: 028000-7000, 028000-7001, 028000-7002, 028000-7003, 028000-7004, 028000-7790, 028000-7791

Servicing: Chevrolet, Clark, GMC, Iseki, Isuzu, Opel, TCM

B+ M8, Length 232.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 95.00 B: 19.50 mm



111764 Starter 12 V, 1.4 kW

Replacing: 128000-4960, 128000-5270, 128000-5280, 128000-7810, 128000-7811

Servicing: Dodge

B+ M8, Length 240.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 71.00 B: 23.50 mm


111765 Starter 12 V, 0.9 kW

Replacing: 128000-4860, 128000-4861, 128000-4862, 128000-4863, 128000-4864

Servicing: Sea Doo

B+ M6, Length 205.00, Drive type Steel, Gear type DD, Mount. holes 2 (0) High torque.

A: 61.00 B: 25.00 mm


111785 Starter 12 V, 1.0 kW

Replacing: 128000-7680

Servicing: Toyota

B+ M8, Length 200.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 20.00 mm


111848 Starter 12 V, 1.0 kW

Replacing: 128000-3591

Servicing: Chevrolet, Citroen, Daewoo, Holden, Isuzu, Opel, Peugeot, Vauxhall

B+ M8, Length 215.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm


111865 Starter 12 V, 1.7 kW

Replacing: 726801000

Servicing: Lancia, Land Rover

B+ M8, Length 268.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 73.00 B: 39.00 mm


111874 Starter 12 V, 2.2 kW

Replacing: 228000-3640, 228000-3641, 228000-3642, 228000-9220, 228000-9221

Servicing: Toyota

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm


111911 Starter 12 V, 1.4 kW

Replacing: 428000-0670, 428000-0671

Servicing: Bertolini, BMW, Ford, Porsche, Various Agriculture Vehicles

B+ M8, 30h M5, Length 231.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (2)

A: 76.00 B: 20.50 mm


111915 Starter 12 V, 0.6 kW

Replacing: 228000-4550

Servicing: Bombardier, Sea Doo

B+ M6, Length 205.50, Drive type Steel, Gear type DD, Mount. holes 3 (1)

A: 61.00 B: 21.50 mm


111918 Starter 12 V, 0.6 kW

Replacing: 228000-4560

Servicing: Challenger, Sea Doo

B+ M6, Length 205.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 61.00 B: 22.50 mm


111984 Starter 12 V, 1.1 kW

Replacing: 228000-0900, 228000-0901, 228000-0902, 228000-2940, 228000-2960, 228000-2961, 228000-3210

Servicing: Toyota

B+ M8, Length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 8.00 mm


112006 Starter 12 V, 2.0 kW

Replacing: 428000-0720

Servicing: Toyota

B+ M8, Length 250.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm


112036 Starter 12 V, 2.5 kW

Replacing: 128000-0970, 128000-0971, 128000-0972, 128000-0973, 128000-0974, 128000-4110, 128000-4111

Servicing: Toyota

B+ M10, Length 291.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0), Oil sealed

A: 89.90 B: 16.00 mm


112089 Starter 12 V

Replacing: 128000-1340, 228000-1210, 228000-1211

Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins

B- 1/2" UNC, B+ 1/2" UNC, Length 496.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Insulated return Yes, Oil sealed Replacing: 42MT.

A: 92.00 B: 46.00 mm



112214 Starter 12 V, 1.6 kW
 Replacing: 128000-7460, 228000-6680
 Servicing: Honda, Rover
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 40.00 mm



112246 Starter 12 V, 0.6 kW
 Replacing: 028000-6110, 028000-6111,
 028000-8410, 028000-8411, 128000-2950,
 128000-4600, 128000-4601
 Servicing: Honda, John Deere
 B+ M6, Length 193.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0)
 Solenoid: HC-CARGO 133711.
 A: 62.45 B: 10.00 mm



112291 Starter 12 V, 0.9 kW
 Replacing: 228000-5750
 Servicing: Yanmar
 B+ M8, Length 213.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 95.00 B: 20.50 mm



112336 Starter 12 V, 2.0 kW
 Replacing: 228000-0640, 228000-2120,
 228000-2121, 228000-2122, 228000-2123,
 228000-2124, 228000-2680
 Servicing: Toyota
 B+ M8, Length 230.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (1)
 A: 82.50 B: 15.50 mm



112367 Starter 12 V, 1.4 kW
 Replacing: 228000-6170, 228000-6172,
 228000-6173, 228000-6273, 228000-6280,
 228000-6281, 228000-6282
 Servicing: Lexus, Toyota
 B+ M8, Length 217.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 55.00 B: 66.20 mm



112489 Starter 12 V, 2.7 kW
 Replacing: 228000-5810, 228000-5811
 Servicing: Bobcat, Carrier Transcold, Case,
 Clark, Gehl, Hitachi, Kubota, New Holland, Volvo
 B+ M10, Length 294.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0), Oil sealed
 A: 89.00 B: 48.00 mm



112544 Starter 24 V, 7.5 kW
 Replacing: 128000-9820, 128000-9821,
 228000-5610, 228000-5611, 228000-5612,
 228000-5630, 228000-5631
 Servicing: Cummins
 B+ M10, Length 314.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0), Oil sealed
 A: 92.00 B: 47.00 mm



112545 Starter 12 V, 1.4 kW
 Replacing: 128000-8101, 228000-1880,
 228000-1881
 Servicing: Lister
 B+ M8, Length 187.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 89.00 B: 27.00 mm



112546 Starter 12 V, 0.6 kW
 Replacing: 128000-7480, 228000-2640
 Servicing: Cub Cadet, John Deere, Kohler
 B+ M8, Length 205.60, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 2 (0)
 A: 63.00 B: 16.90 mm



112547 Starter 12 V, 1.4 kW
 Replacing: 228000-7610, 228000-7611
 Servicing: Kubota
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 May be supplied with or without nosecone,
 both are interchangeable 1/2
 A: 66.00 B: 18.00 mm



112822 Starter 24 V, 4.5 kW
 Replacing: 228000-5640, 228000-5641
 Servicing: Irisbus, Iveco
 B+ M10, Length 293.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 Alternative no.: 115880 5★
 A: 89.00 B: 49.00 mm



112823 Starter 24 V, 5.5 kW
 Replacing: 228000-7550, 228000-7551
 Servicing: Iveco, Volvo
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 Alternative no.: 115872 5★
 A: 92.00 B: 49.00 mm



113108 Starter 12 V, 1.4 kW

Replacing: 228000-2890, 228000-2893, 228000-3060

Servicing: Toyota, VW

B+ M8, Length 190.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 73.90 B: 21.25 mm



113114 Starter 12 V, 2.7 kW

Replacing: 228000-2290, 228000-2291, 228000-2292

Servicing: Cummins, Dodge

B+ M10, Length 301.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



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113132 Starter 12 V, 2.2 kW

Replacing: 128000-0830, 128000-0831, 128000-0832, 128000-0833, 228000-1890, 228000-1891, 228000-1892

Servicing: Hyster, Isuzu

B+ M8, Length 237.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 10.00 mm



113169 Starter 12 V, 2.2 kW

Replacing: 228000-1560, 228000-1563, 228000-1690, 228000-3260, 228000-3261, 228000-3262, 228000-3263

Servicing: Lexus, Toyota

B+ M8, Length 218.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 55.00 B: 33.00 mm



113171 Starter 12 V, 2.0 kW

Replacing: 228000-4300, 228000-4302, 228000-4304, 228000-7390, 228000-7391, 228000-7392, 228000-7393

Servicing: Jaguar, Lexus, Toyota

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 55.00 B: 33.00 mm



113172 Starter 12 V, 2.0 kW

Replacing: 128000-6870, 128000-6871, 228000-5860, 228000-5861, 228000-5862

Servicing: Caterpillar, Hyster, Yale

B+ M8, Length 249.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0), Oil sealed

Replacing: 10MT.

A: 88.70 B: 46.00 mm



113203 Starter 24 V, 4.5 kW

Replacing: 128000-1000, 128000-1001, 128000-1002, 128000-1003, 128000-1004, 228000-1430, 228000-1431

Servicing: Komatsu

B+ M10, Length 298.00, Drive type Steel, Gear type GR, Mount. holes 2 (0), Oil sealed

A: 104.90 B: 14.00 mm



113204 Starter 24 V, 1.4 kW

Replacing: 128000-5410, 128000-5411, 228000-4780, 228000-4781

Servicing: Kubota

B+ M8, Length 189.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.90 B: 18.00 mm



113205 Starter 12 V, 0.7 kW

Replacing: 128000-7110, 128000-7111

Servicing: Kubota

B+ M8, Length 205.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 74.90 B: 34.00 mm



113206 Starter 12 V, 2.5 kW

Replacing: 128000-9970, 128000-9971, 128000-9972

Servicing: Komatsu

B+ M10, Length 297.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.00 mm



113207 Starter 12 V, 2.8 kW

Replacing: 228000-2030, 228000-2031, 228000-2032, 228000-6290, 228000-6291

Servicing: Volvo Penta, Yanmar

B+ M10, Length 295.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 91.00 B: 15.50 mm



113208 Starter 12 V, 0.8 kW

Replacing: 228000-4620

Servicing: Various Industrial applications

B+ M8, Length 180.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 73.90 B: 20.00 mm



113211 Starter 12 V, 1.0 kW
 Replacing: 228000-5910, 228000-5911, 228000-7480, 228000-7481
 Servicing: Kubota
 B+ M8, Length 213.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 A: 66.00 B: 19.00 mm



113231 Starter 12 V, 0.5 kW
 Replacing: 128000-2750
 Servicing: Honda
 B+ M6, Length 204.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 65.00 B: 9.00 mm



113238 Starter 12 V, 2.5 kW
 Replacing: 228000-3710, 228000-3711
 Servicing: Toyota
 B+ M10, Length 293.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 89.90 B: 16.00 mm



113239 Starter 12 V, 2.5 kW
 Replacing: 128000-8640, 128000-8641, 228000-1610, 228000-1611, 228000-5990, 228000-5992, 428000-0520
 Servicing: Toyota
 B+ M10, Length 299.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 91.00 B: 15.50 mm



113254 Starter 12 V, 1.4 kW
 Replacing: 428000-1640
 Servicing: Citroen, DS, Fiat, Opel, Peugeot, Toyota
 B+ M8, Length 206.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 4 (2)
 A: 62.00 B: 14.00 mm



113271 Starter 12 V, 1.1 kW
 Replacing: 228000-7580, 228000-7581, 228000-7583, 228000-7590, 228000-7591, 228000-7593
 Servicing: Toyota
 B+ M8, Length 204.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)
 A: 73.90 B: 15.00 mm



113313 Starter 12 V, 0.7 kW
 Replacing: 228000-8350, 228000-9530
 Servicing: Toyota
 B+ M8, Length 187.00, Drive type Steel, Gear type DD, Mount. holes 2 (1)
 A: 73.90 B: 11.50 mm



113314 Starter 12 V, 1.0 kW
 Replacing: 228000-8540, 228000-8541, 228000-8542, 228000-8550, 228000-8552, 428000-9370
 Servicing: Toyota
 B+ M8, Length 204.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 13.75 mm



113361 Starter 12 V, 1.7 kW
 Replacing: 228000-4960, 228000-4961, 228000-4968
 Servicing: Honda, MG, Rover
 B+ M8, Length 210.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 75.00 B: 39.00 mm



113428 Starter 12 V, 2.5 kW
 Replacing: 028000-5490, 028000-6560, 028000-6561, 128000-7750, 128000-7751, 128000-7752, 128000-7753
 Servicing: Isuzu
 B+ M10, Length 297.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 105.00 B: 41.00 mm



113429 Starter 12 V, 4.2 kW
 Replacing: 028000-7430, 028000-7431, 128000-4340, 128000-5330, 128000-5331, 128000-6391, 128000-9800
 Servicing: Case, Cummins
 B- M12, B+ M10, Length 317.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



113459 Starter 12 V, 2.0 kW
 Replacing: 128000-8170, 128000-8171, 228000-5790, 228000-5791
 Servicing: Lister
 B+ M8, Length 220.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)
 A: 88.80 B: 27.00 mm


113513 Starter 12 V, 1.1 kW

Replacng: 428000-1650

Servicing: Mercedes-Benz

B+ M8, Length 199.00, Drive type Steel,
Gear type GR, Mount. holes 2 (2)

A: 69.80 B: 27.00 mm


113545 Starter 12 V, 0.4 kW

Replacng: 128000-3760, 128000-3761,
128000-3762, 128000-4240, 128000-4241,
128000-4242, 128000-4990

Servicing: Yamaha

B+ M6, Length 156.00, Drive type Steel,
Gear type DD, Clutch type Dry,
Mount. holes 2 (0), Oil sealed

A: 35.75 B: 37.60 mm


113596 Starter 12 V, 0.6 kW

Replacng: 128000-4020

Servicing: John Deere, Kawasaki, Kubota

B+ M8, Length 180.00, Drive type Steel,
Gear type DD, Mount. holes 2 (2)

A: 70.00 B: 19.00 mm


113597 Starter 12 V, 0.6 kW

Replacng: 128000-9360

Servicing: John Deere, Kawasaki

B+ M8, Length 181.00, Drive type Steel,
Gear type DD, Mount. holes 2 (0)

A: 65.90 B: 17.00 mm


113601 Starter 12 V, 1.0 kW

Replacng: 228000-6120, 228000-6121,
228000-6122

Servicing: Land Rover

B+ M8, Length 227.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 40.00 mm


113629 Starter 12 V, 1.2 kW

Replacng: 228000-6450

Servicing: Honda

B+ M8, Length 214.30, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 2 (0)

A: 75.00 B: 39.80 mm


113654 Starter 12 V, 3.0 kW

Replacng: 428000-1380

Servicing: Case, Caterpillar, Daedong, Gehl,
Hidromek, Hyster, Hyundai, JCB, John Deere,
Landini, Manitou

B- M8, B+ M8, Length 292.00,
Drive type Steel, Gear type GR,
Mount. holes 3 (0)

Optional use HC-CARGO 113654, 4.2 kW. HC-CARGO
113654 is a Marelli/Denso version, and cannot
replace the Iskra version (HC-CARGO 114387).

A: 89.00 B: 30.50 mm


113655 Starter 12 V, 3.0 kW

Replacng: 428000-1290

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, Length 291.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0) HC-CARGO 113655 is a
Marelli/Denso version, and cannot replace
the Iskra version (HC-CARGO 114388).

A: 89.00 B: 30.50 mm


113662 Starter 12 V, 2.0 kW

Replacng: 228000-7220

Servicing: Land Rover

B+ M8, Length 220.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 65.90 B: 21.20 mm


113663 Starter 12 V, 0.7 kW

Replacng: 228000-2210, 228000-2211

Servicing: John Deere, Kawasaki

B+ M8, Length 183.00, Drive type Steel,
Gear type DD, Clutch type Wet,
Mount. holes 2 (0)

A: 65.80 B: 17.00 mm


113665 Starter 12 V, 0.8 kW

Replacng: 228000-4020, 228000-6730

Servicing: Toyota

B+ M8, Length 206.50, Drive type Steel,
Gear type DD/GR, Clutch type Wet,
Mount. holes 2 (2)

A: 74.00 B: 5.00 mm


113696 Starter 12 V, 2.0 kW

Replacng: 228000-2970, 228000-5120,
228000-5121, 228000-5122, 228000-5123,
428000-0180

Servicing: Ford, New Holland

B+ M8, Length 219.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



113702 Starter 12 V, 2.2 kW

Replacng: 228000-4830, 228000-4831, 228000-6480, 228000-6481, 228000-6482

Servicing: Ford, Mazda

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 81.50 B: 17.50 mm



113723 Starter 12 V, 0.4 kW

Replacng: 128000-9400

Servicing: Honda

B+ M6, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 46.00 B: 10.00 mm



113725 Starter 12 V, 2.5 kW

Replacng: 128000-0210, 128000-0211, 128000-0212, 128000-0213, 128000-0214, 128000-0215, 128000-0216

Servicing: Bomag, Case, Case IH, Cummins, Gehl, Ingersoll-Rand, Ingram, Kohler, Komatsu, New Holland, Terex

B+ M10, Length 300.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.60 B: 49.00 mm



113732 Starter 12 V, 1.0 kW

Replacng: 228000-7850, 228000-7851

Servicing: Cub Cadet, Honda

B+ M8, Length 206.00, Gear type DD

A: 54.00 B: 1.50 mm



113757 Starter 12 V, 2.2 kW

Replacng: 228000-1780, 228000-5020, 228000-5021, 228000-5022, 228000-5023, 228000-5024, 228000-5025

Servicing: Toyota

B+ M8, Length 235.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 82.50 B: 18.50 mm



113893 Starter 12 V, 1.2 kW

Replacng: 128000-8460, 128000-8461, 128000-8462, 34070-16083, 34070-16800

Servicing: Atlas Copco, Bobcat, Bomag, Hitachi, JCB, Kubota, Terex

B+ M8, Length 178.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 82.30 B: 24.80 mm



113924 Starter 12 V, 1.4 kW

Replacng: 128000-0711

Servicing: John Deere, Mustang, Yanmar

B+ M8, Length 226.20, Gear type DD/GR, Mount. holes 2 (0)

A: 95.00 B: 20.00 mm



113926 Starter 12 V, 1.9 kW

Replacng: 428000-1620

Servicing: Citroen, DS, Fiat, Peugeot

B+ M8, Length 237.00, Gear type GR, Mount. holes 3 (3)

B: -5.00 mm



113928 Starter 12 V, 1.7 kW

Replacng: 228000-1180, 228000-3980, 228000-3981

Servicing: Honda, Land Rover, Rover

B+ M8, Length 220.00, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 39.00 mm



113936 Starter 12 V, 2.7 kW

Replacng: 228000-0570, 228000-0571, 228000-0572, 228000-0573, 228000-0574, 228000-0575, 228000-1590

Servicing: Toyota

B+ M10, Length 305.00, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 15.00 mm



113938 Starter 12 V, 2.7 kW

Replacng: 228000-5340, 228000-5341, 228000-5342, 428000-0290, 428000-0291, 428000-3110

Servicing: Toyota

B+ M10, Length 258.00, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 18.00 mm



113965 Starter 12 V, 2.0 kW

Replacng: 228000-7800, 228000-7801

Servicing: Land Rover, MG, Rover

B+ M8, Length 221.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

Available w/ fixing hole 2(1) and 2(2).

A: 75.90 B: 21.20 mm



113966 Starter 12 V, 1.4 kW

Replacing: 228000-1020, 228000-1021

Servicing: Bobcat, Caterpillar, Doosan, Hako, Hyundai, Kubota, Manitou

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.50 mm



113983 Starter 12 V, 3.0 kW

Replacing: 228000-6550, 228000-6551, 228000-6552

Servicing: John Deere

B+ M12, Length 315.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 47.60 mm



113985 Starter 12 V, 2.7 kW

Replacing: 228000-7810

Servicing: Hyster, Yale

B+ M10, Length 297.00, Gear type GR, Mount. holes 2 (0), Oil sealed

A: 88.80 B: 48.00 mm



114037 Starter 12 V, 1.6 kW

Replacing: 228000-9900, 228000-9901, 228000-9902, 428000-0700, 428000-0701, 428000-1840, 428000-1841

Servicing: Lexus, Toyota

B+ M8, Length 215.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 55.00 B: 66.00 mm



114047 Starter 24 V, 4.0 kW

Replacing: 128000-7600, 128000-7601, 128000-7602, 128000-7603, 128000-7604

Servicing: Volvo

B+ M10, Length 294.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



114056 Starter 12 V, 1.3 kW

Replacing: 428000-0680, 428000-4500, 428000-7710, MS428000-0680

Servicing: Toyota

B+ M8, Length 196.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 15.50 mm



114060 Starter 12 V, 1.0 kW

Replacing: 228000-8930, 428000-3600

Servicing: Suzuki

B+ M8, Length 183.00, Gear type DD/GR, Mount. holes 2 (2)

A: 70.00 B: 28.00 mm



114071 Starter 12 V, 2.0 kW

Replacing: 228000-8711, 428000-0500, 428000-1280, 428000-2730, 428000-5470

Servicing: Mini, Toyota

B+ M8, Length 222.00, Gear type GR, Mount. holes 2 (1) 1.1 kw version = HC-CARGO 114068.

A: 74.00 B: 14.00 mm



114072 Starter 12 V, 2.0 kW

Replacing: 428000-0660, MS428000-0660

Servicing: BMW

B+ M8, 30h M5, Length 232.00, Gear type GR, Mount. holes 2 (2)

A: 76.00 B: 21.00 mm



114093 Starter 12 V, 1.7 kW

Replacing: 428000-4600

Servicing: Mercedes-Benz

B+ M8, Length 237.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

Alternative no.: 115512

A: 82.50 B: 26.00 mm



114125 Starter 12 V, 1.2 kW

Replacing: 228000-9540

Servicing: Toyota

B+ M8, Length 216.00, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 11.50 mm



114168 Starter 12 V, 1.2 kW

Replacing: 228000-7520

Servicing: Caterpillar

B+ M8, Length 188.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Mounting holes are oval.

A: 74.00 B: 20.00 mm



114182 Starter 12 V, 0.7 kW
 Replacing: 228000-7540, 228000-7541
 Servicing: Suzuki
 Length 173.00, Drive type Steel,
 Mount. holes 2 (0)
 A: 30.00 mm



114197 Starter 12 V, 1.1 kW
 Replacing: 228000-7470, 228000-7471,
 228000-7472
 Servicing: John Deere
 B+ M8, Length 209.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 17.00 mm



114216 Starter 12 V, 2.0 kW
 Replacing: 428000-3180, 428000-4920
 Servicing: Lexus, Toyota
 B+ M8, Length 232.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 24.00 mm



114222 Starter 24 V, 7.5 kW
 Replacing: 228000-6560, 228000-6561,
 228000-7410, 228000-7411, 228000-7412,
 228000-7413
 Servicing: John Deere
 B- M12, B+ M12, Length 319.00,
 Drive type Steel, Gear type GR,
 Clutch type Wet, Mount. holes 3 (0), Oil
 sealed, Waterproof
 A: 89.00 B: 48.00 mm



114224 Starter 12 V, 2.7 kW
 Replacing: 428000-1690, 428000-1691
 Servicing: Case, New Holland
 B+ M10, Length 298.00, Gear type GR,
 Mount. holes 2 (0)
 A: 88.88 B: 27.50 mm



114240 Starter 12 V, 1.4 kW
 Replacing: 228000-3620, 228000-3621,
 228000-3622
 Servicing: Toyota
 B+ M8, Length 187.50, Gear type GR,
 Mount. holes 2 (2)
 A: 74.00 B: 3.00 mm



114255 Starter 12 V, 1.3 kW
 Replacing: 428000-0150, 428000-0151,
 428000-0152, 428000-0153, 428000-3090,
 428000-3091, 428000-3092
 Servicing: Toyota
 B+ M8, Length 212.50, Gear type GR,
 Mount. holes 2 (0)
 A: 55.00 B: 66.00 mm



114259 Starter 12 V, 2.5 kW
 Replacing: 028000-6060, 028000-6061,
 028000-6062, 028000-6063
 Servicing: Kubota
 B+ M10, Length 296.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 25.00 mm



114260 Starter 12 V, 1.4 kW
 Replacing: 128000-1100, 128000-1101,
 128000-1102, 228000-1980, 228000-1981,
 228000-1983, 228000-1984
 Servicing: John Deere
 B+ M8, Length 189.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 21.00 mm



114268 Starter 24 V, 4.5 kW
 Replacing: 228000-1830, 228000-1831,
 228000-1832
 Servicing: Caterpillar
 B+ M10, Length 290.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 29.00 mm



114277 Starter 24 V, 7.5 kW
 Replacing: 228000-6570, 228000-6571,
 228000-6572
 Servicing: John Deere
 B+ M10, Length 317.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



114278 Starter 24 V, 4.5 kW
 Replacing: 428000-1120
 Servicing: Caterpillar, Manitou, Mitsubishi
 B+ M10, Length 297.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.80 B: 29.00 mm


114282 Starter 24 V, 4.5 kW

Replacing: 228000-7900, 228000-7901, 228000-7902

Servicing: Cummins

B+ M10, Length 298.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 88.50 B: 48.00 mm


114297 Starter 12 V, 1.2 kW

Replacing: 428000-1750

Servicing: BMW

B+ M8, Length 199.00, Gear type DD/GR, Mount. holes 2 (1)

A: 76.00 B: 26.00 mm


114299 Starter 12 V, 1.7 kW

Replacing: 428000-6700

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 232.00, Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 53.00 mm


114305 Starter 12 V, 1.7 kW

Replacing: 428000-5510, 428000-5511

Servicing: Mercedes-Benz

B+ M8, Length 204.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 16.00 mm


114309 Starter 12 V, 4.0 kW

Replacing: 028000-3650, 028000-5960, 028000-5961

Servicing: Caterpillar

B+ 3/8" UNC, Length 381.00, Gear type DD, Mount. holes 3 (0), Oil sealed

A: 89.00 B: 46.50 mm


114326 Starter 24 V, 7.5 kW

Replacing: 428000-5220

Servicing: 38MT, Atlas Copco, Bomag, Caterpillar, Cummins, Doosan, Hitachi, Hoist, Hyster, Hyundai, JCB, Kawasaki

B- M12, B+ M12, Length 405.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 88.80 B: 47.00 mm


114332 Starter 12 V, 2.2 kW

Replacing: 428000-2650

Servicing: Cummins

B+ M8, Length 235.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 19.00 mm


114333 Starter 12 V, 2.2 kW

Replacing: 428000-0930, 428000-0931

Servicing: Carrier Transcold

B+ M8, 30h Plug, Length 221.00, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.00 mm


114340 Starter 24 V, 4.5 kW

Replacing: 228000-0630, 228000-0631, 228000-0632, 228000-0633, 228000-0651, 228000-1750, 228000-1751

Servicing: Komatsu

B+ M10, Length 289.20, Clutch type Wet, Mount. holes 2 (0), Insulated return No

Not Insulated return.

A: 88.50 B: 48.50 mm


114346# Starter 24 V, 5.5 kW

Replacing: 128000-2740, 128000-2742, 128000-4250, 128000-4251, 128000-4252, 228000-2470

Servicing: Isuzu, TCM

B+ M10, Length 316.80, Drive type Steel, Mount. holes 2 (0)

A: 105.00 B: 57.00 mm


114375 Starter 12 V, 0.6 kW

Replacing: 228000-9480, 228000-9481

Servicing: HondaToro

B+ M8, Length 181.50, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 70.00 B: 13.25 mm


114389 Starter 12 V, 1.1 kW

Replacing: 428000-3410, 428000-4520, 428000-4521, 428000-5000, 428000-5001, 428000-5280

Servicing: Dongfeng Honda, Guangzhou Honda, Honda

B+ M8, Length 222.00, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 33.00 mm



114400 Starter 12 V, 1.0 kW
 Replacing: 228000-8090
 Servicing: John Deere
 B+ M8, Length 190.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



114449 Starter 12 V, 4.0 kW
 Replacing: 128000-5620, 128000-5621,
 128000-5622, 128000-5623, 228000-6870,
 228000-6871, 228000-6872
 Servicing: Case, Case IH
 B+ M10, Length 318.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



114485 Starter 12 V, 1.1 kW
 Replacing: 228000-5400, 228000-5401,
 228000-7090, 228000-7091
 Servicing: Kubota, Atlas Copco, Bobcat,
 Bomag, Caterpillar, Doosan, Hitachi, Ingersoll-Rand, JCB, John Deere, Manitou
 B+ M8, Length 211.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 18.00 mm



114486 Starter 12 V
 Replacing: 128000-2760
 Servicing: John Deere, Kawasaki
 B+ M6, Length 173.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 B: 20.00 mm



114502# Starter 12 V, 1.2 kW
 Replacing: 228000-7700, 228000-7790,
 228000-7791
 Servicing: MG, Rover
 Gear type GR, Mount. holes 2 (0)



114504 Starter 12 V, 0.9 kW
 Replacing: 428000-1560
 Servicing: KTM
 B+ M6, Length 198.60, Gear type DD,
 Mount. holes 2 (0), Oil sealed
 A: 40.00 B: 39.00 mm



114660 Starter 12 V, 1.2 kW
 Replacing: 428000-3370, 428000-3371,
 428000-3372, 428000-4550
 Servicing: Toyota
 B+ M8, Length 189.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 11.50 mm



114661 Starter 12 V, 1.3 kW
 Replacing: 428000-3361, 428000-4560,
 428000-4561
 Servicing: Toyota
 B+ M8, Length 190.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 25.70 mm



114674 Starter 12 V, 0.6 kW
 Replacing: 228000-7990, 228000-7991
 Servicing: Gravely, John Deere, Kubota
 B+ M8, Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 A: 62.00 B: 17.50 mm



114678 Starter 12 V
 Replacing: 428000-6600
 Servicing: John Deere
 B+ M8, Length 206.00, Gear type DD,
 Mount. holes 2 (2)
 A: 62.00 B: 22.00 mm



114685 Starter 12 V, 2.0 kW
 Replacing: 228000-6920, 228000-6921
 Servicing: Bobcat, Hitachi, Kubota
 B+ M8, Length 221.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 10.00 mm



114693 Starter 24 V, 5.5 kW
 Replacing: 228000-5050, 228000-5051,
 228000-5052
 Servicing: Komatsu
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0), Oil
 sealed
 A: 89.00 B: 47.50 mm



114695 Starter 24 V, 7.5 kW
 Replacing: 428000-2590, 428000-2591
 Servicing: Case
 B+ M12, Length 317.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.88 B: 28.00 mm



114711 Starter 12 V, 2.5 kW
 Replacing: 028000-7800, 028000-7801,
 028000-7802, 028000-7803
 Servicing: Kubota
 B+ M10, Length 300.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 25.00 mm



114712 Starter 24 V, 7.5 kW
 Replacing: 228000-9150, 228000-9151
 Servicing: John Deere
 B+ M12, 30h Plug, Length 316.00,
 Gear type GR, Mount. holes 3 (0)
 A: 88.80 B: 47.50 mm



114716 Starter 12 V
 Replacing: 428000-0230
 Servicing: Briggs & Stratton
 B+ M8, Length 208.00, Gear type DD,
 Mount. holes 2 (0)
 A: 70.00 B: 32.50 mm



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114717 Starter 12 V, 2.7 kW
 Replacing: 428000-1660
 Servicing: Various Industrial applications
 B+ M10, Length 298.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 30.00 mm



114718 Starter 12 V, 1.4 kW
 Replacing: 428000-3570
 Servicing: Caterpillar, Perkins
 B+ M8, Length 188.00, Gear type GR,
 Mount. holes 2 (0)
 A: 74.00 B: 19.00 mm



114731 Starter 12 V, 2.2 kW
 Replacing: 428000-2321
 Servicing: Toyota
 B+ M8, Length 235.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 18.00 mm



114738 Starter 12 V, 1.4 kW
 Replacing: 228000-6650, 228000-6651,
 228000-6652
 Servicing: Bobcat
 B+ M8, Length 218.00, Gear type GR,
 Mount. holes 2 (0)
 A: 88.80 B: 48.00 mm



114740 Starter 12 V, 1.2 kW
 Replacing: 428000-1760, 428000-4490,
 428000-4491, 428000-4492, 428000-4493
 Servicing: BMW
 B+ M8, Length 222.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.00 B: 25.00 mm



114748 Starter 12 V, 1.4 kW
 Replacing: 128000-5590
 Servicing: Case
 B+ M8, 15a M4, Length 189.00,
 Gear type GR, Mount. holes 2 (0)
 A: 89.00 B: 20.00 mm



114773 Starter 12 V, 0.7 kW
 Replacing: 228000-6791
 Servicing: Suzuki, Volvo Penta
 B+ M8, Length 205.00, Gear type DD/GR,
 Mount. holes 2 (0)
 A: 65.00 B: 28.00 mm



114816 Starter 12 V, 0.8 kW
 Replacing: 228000-9580
 Servicing: Honda
 B+ M8, Length 205.00, Gear type DD,
 Mount. holes 2 (0)
 A: 75.00 B: 33.50 mm



114817# Starter 12 V, 1.3 kW
 Replacing: 428000-0690, 428000-0691
 Servicing: Toyota
 B+ M8, Length 213.50, Gear type GR,
 Mount. holes 2 (0)
 Cargo 114255 can be used
 A: 54.80 B: 66.00 mm



114823 Starter 12 V, 0.6 kW
 Replacing: 128000-5500
 Servicing: Cub Cadet, John Deere
 B+ M8, Length 182.00, Gear type DD,
 Mount. holes 2 (0)
 A: 66.00 B: 18.00 mm



114851 Starter 12 V, 0.8 kW
 Replacing: 228000-5710
 Servicing: Daihatsu, Piaggio
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 2 (2)
 A: 74.00 B: 4.00 mm



114853 Starter 12 V, 2.7 kW
 Replacing: 428000-2630, 428000-2631,
 428000-2632, 428000-2633
 Servicing: Toyota
 B+ M10, Length 259.00, Gear type GR,
 Mount. holes 2 (1)
 A: 82.50 B: 18.00 mm



114860 Starter 12 V, 1.1 kW
 Replacing: 228000-8160, 228000-8161
 Servicing: Iseki, Massey Ferguson
 B+ M8, Length 214.00, Gear type GR,
 Mount. holes 2 (2)
 A: 74.00 B: 20.50 mm



114870 Starter 12 V, 2.2 kW
 Replacing: 228000-8450, 428000-6170,
 428000-6171
 Servicing: Caterpillar, Perkins
 B+ 3/8" UNC, Length 235.00,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 19.70 mm



114886 Starter 12 V, 1.2 kW
 Replacing: 428000-4050, 428000-4051,
 428000-4052, 428000-4053, 428000-4110,
 428000-4111, 428000-4112
 Servicing: Toyota
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 14.00 mm



114889 Starter 12 V, 1.0 kW
 Replacing: 228000-8360, 228000-9170,
 428000-7840
 Servicing: Toyota
 B+ M8, Length 211.50, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 12.00 mm



114891 Starter 12 V, 1.1 kW
 Replacing: 428000-1590, 428000-1591,
 428000-2190, 428000-2191, 428000-2192
 Servicing: Cub Cadet
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 2 (0)
 A: 80.00 B: 21.00 mm



115314 Starter 12 V, 2.5 kW
 Replacing: 228000-0840, 228000-0841,
 228000-0842, 228000-0844
 Servicing: DAF, John Deere
 B+ M10, Length 294.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 47.50 mm



115322 Starter 12 V, 1.4 kW
 Replacing: 228000-8690, 228000-8691,
 228000-9800, 228000-9801
 Servicing: Bobcat, Kubota, Volvo
 B+ M8, Length 188.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 24.50 mm



115323 Starter 12 V, 2.7 kW
 Replacing: 228000-7500
 Servicing: Caterpillar
 B+ M10, Length 297.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.80 B: 29.50 mm


115326 Starter 12 V, 5.0 kW

Replacng: 428000-3630

Servicing: Claas

B- 1/2" UNC, B+ 1/2" UNC, Gear type GR,

Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 45.50 mm


115328 Starter 12 V, 2.2 kW

Replacng: 428000-1630, 428000-4810, 428000-4811

Servicing: Citroen, Peugeot

B+ M8, Length 238.00, Gear type GR,

Mount. holes 3 (0)

B: 7.00 mm


115336 Starter 12 V, 2.2 kW

Replacng: 438000-0230, 438000-0231

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 252.00, Gear type GR,

Mount. holes 3 (0)

A: 79.00 B: 52.00 mm


115350 Starter 12 V, 2.0 kW

Replacng: 03111-4300

Servicing: Kia

B+ M8, Length 229.00, Gear type GR,

Mount. holes 3 (2)

A: 64.00 B: 12.50 mm


115352 Starter 12 V, 2.5 kW

Replacng: 428000-2900, 428000-2910, 428000-2911, 428000-2920, 428080-2910, 428080-2920

Servicing: Cummins

B- M10, B+ M10, Length 294.50,

Gear type GR, Clutch type Dry,

Mount. holes 2 (0)

A: 88.70 B: 48.00 mm


115362 Starter 12 V, 0.7 kW

Replacng: 428000-0950, 428000-0960

Servicing: Honda

B+ M8, Length 204.00, Gear type DD/GR,

Mount. holes 2 (1)

A: 70.00 B: 33.00 mm


115402 Starter 12 V, 1.8 kW

Replacng: 438000-0240

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 248.00, Gear type GR,

Mount. holes 2 (0)

A: 79.00 B: 61.00 mm


115468 Starter 12 V, 2.0 kW

Replacng: 428000-4840, 428000-4841

Servicing: Land Rover

B+ M8, Length 220.00, Gear type GR,

Mount. holes 3 (3)

B: -5.00 mm


115524 Starter 12 V, 0.85 kW

Replacng: 428000-3470, 428000-3471, 428000-3472, 428000-3480, 428000-8630, DSN988

Servicing: Toyota

B+ M8, Length 200.00, Gear type GR,

Mount. holes 2 (1)

A: 74.00 B: 25.50 mm


115539 Starter 12 V, 2.0 kW

Manufacturer: Valeo

Replacng: 428000-8320, 428000-8321, 428000-8322, 428000-8323, 438000-0251

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 240.00, Gear type GR,

Mount. holes 2 (0)

Alternative no.: 116156

A: 79.00 B: 42.00 mm


115552 Starter 12 V, 2.0 kW

Replacng: 128000-2160, 128000-2161, 128000-8550, 128000-8551

Servicing: Kubota Loaders R400 Kubota V1902 38HP diesel 1986

B+ M8, Length 233.00, Gear type GR,

Mount. holes 2 (0)

A: 82.50 B: 25.00 mm


115560 Starter 12 V, 1.7 kW

Replacng: 428000-8850, 428000-8851, 428000-8852, 428000-8853

Servicing: Audi, Cupra, Seat, Skoda, VW

B+ M8, Length 229.00, Gear type GR,

Mount. holes 3 (0)

A: 79.00 B: 62.00 mm



115561 Starter 12 V, 1.7 kW
 Replacing: 438000-0211, 438000-0212, DSN1464
 Servicing: Audi, Cupra, Seat, Skoda, VW
 B+ M8, Length 225.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 43.00 mm



115589 Starter 12 V, 1.7 kW
 Replacing: 428000-9140, 438000-2050
 Servicing: Mercedes-Benz
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 53.00 mm



115595 Starter 12 V, 2.0 kW
 Replacing: 228000-4740, 228000-4741
 Servicing: Kubota
 B+ M8, Length 223.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 25.00 mm



115610 Starter 12 V, 2.0 kW
 Replacing: 438000-0220, 438000-0221
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 61.00 mm



115613 Starter 12 V, 1.0 kW
 Replacing: 428000-6180, 428000-6181
 Servicing: Daihatsu, Toyota
 B+ M8, Length 188.50, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 24.00 mm



115636 Starter 12 V, 1.7 kW
 Manufacturer: Bosch
 Replacing: 428000-7880, 428000-7881, 428000-7882, 428000-7883, 428000-7884, 428000-7885, 428000-7886
 Servicing: Audi
 B+ M8, Length 248.00, Gear type GR, Mount. holes 2 (1)
 A: 66.00 B: 23.00 mm



115637 Starter 12 V, 1.0 kW
 Replacing: 228000-9871, 228000-9872
 Servicing: Dongfeng Honda, Honda
 B+ M8, Length 229.00, Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 33.00 mm



115642 Starter 12 V, 2.0 kW
 Replacing: 428000-1940, 428000-1941, 428000-4880, 428000-4881
 Servicing: Land Rover
 B+ M8, Length 242.00, Gear type GR, Mount. holes 3 (2)
 A: 70.00 B: 25.00 mm



115644 Starter 12 V, 2.0 kW
 Replacing: 428000-6070, 428000-6200
 Servicing: Toyota
 B+ M8, Length 229.00, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 13.00 mm



115645[#] Starter 12 V, 2.0 kW
 Replacing: 428000-7040, 428000-7041, 428000-7042, 428000-8861, 428000-8862
 Servicing: Audi, Chevrolet, Seat, VW
 B+ M8, Length 224.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 56.50 mm



115687 Starter 12 V, 0.6 kW
 Replacing: 228000-7860
 Servicing: Cub Cadet
 B+ M8, Length 207.00, Gear type DD, Mount. holes 2 (0)
 A: 54.00 B: 10.00 mm



115723 Starter 12 V, 1.4 kW
 Replacing: 428000-6060, 428000-6061, 428000-6190, 428000-6191, 428000-6220
 Servicing: Toyota
 B+ M8, Length 196.50, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 13.00 mm


115725 Starter 12 V, 2.0 kW

Replacng: 428000-4850, 428000-4851, 428000-6910

Servicing: Land Rover

B+ M8, Length 220.00, Gear type GR, Mount. holes 3 (3)

B: -5.00 mm


115729 Starter 12 V, 1.6 kW

Replacng: 428000-6760

Servicing: Hyundai, Kia

B+ M8, Length 216.00, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 16.00 mm


115733[#] Starter 12 V, 1.7 kW

Replacng: 428000-7930, 428000-7931, 428000-7932, 428000-7933, 428000-7934, 428000-7935, 428000-7936

Servicing: Audi

B+ M8, Length 229.00, Gear type GR, Mount. holes 2 (1)

A: 66.00 B: 23.00 mm


115755 Starter 12 V, 1.2 kW

Replacng: 428000-3170

Servicing: Kawasaki

B+ M8, Length 180.00, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 20.00 mm


115779 Starter 12 V, 1.8 kW

Replacng: 428000-5670

Servicing: Honda

B+ M8, Length 217.50, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 38.50 mm


115784 Starter 12 V, 0.8 kW

Replacng: 228000-9230, 228000-9232, 228000-9250, 228000-9252, 228000-9253, 428000-0860

Servicing: Daihatsu, Subaru, Toyota

B+ M8, Length 212.00, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 12.00 mm


115817 Starter 12 V

Replacng: 428000-3130

Servicing: John Deere, Kawasaki

B+ M8, Length 205.50, Gear type DD, Mount. holes 2 (0)

A: 62.00 B: 18.00 mm


115821 Starter 24 V, 8.0 kW

Replacng: 428000-0130, 428000-0131

Servicing: John Deere

B- 1/2" UNC, B+ 1/2" UNC, Length 447.00, Gear type GR, Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 46.00 mm


115822 Starter 12 V, 1.8 kW

Replacng: 428000-1920, 428000-1921, 428000-1922

Servicing: Land Rover

B+ M8, Length 250.00, Gear type GR, Mount. holes 2 (1)

A: 62.00 B: 37.00 mm


115828 Starter 12 V, 1.4 kW

Replacng: 428000-7470

Servicing: Alfa Romeo, Fiat, Lancia

B+ M8, Length 189.50, Gear type GR, Mount. holes 3 (0)

A: 76.20 B: 20.00 mm


115872 Starter 24 V, 5.5 kW

Manufacturer: Denso

Replacng: 228000-7550, 228000-7551

Servicing: Iveco, Volvo

B+ M10, Length 317.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 112823

A: 92.00 B: 49.00 mm


115880 Starter 24 V, 4.5 kW

Manufacturer: Denso

Replacng: 228000-5640, 228000-5641

Servicing: Irisbus, Iveco

B- M8, B+ M8, Length 301.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 112822

A: 89.00 B: 49.00 mm



115950[#] Starter 12 V, 2.0 kW
 Replacing: 228000-7710
 Servicing: Land Rover, MG, Rover
 B+ M8, Length 239.50, Gear type GR,
 Mount. holes 3 (0)
 A: 55.00 B: 66.00 mm



115968 Starter 12 V, 2.0 kW
 Replacing: 03101-3180
 Servicing: Cummins, Various Agriculture
 Vehicles, Vermeer
 B+ M8, Length 220.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



115982 Starter 12 V, 2.7 kW
 Replacing: 428000-4610, 428000-4611,
 428000-4612
 Servicing: Land Rover
 B+ M10, Length 278.00, Gear type GR,
 Mount. holes 2 (2)
 A: 80.00 B: 17.00 mm



116000 Starter 12 V, 2.0 kW
 Replacing: 428000-7220, 428000-7221,
 428000-7223
 Servicing: Audi, Porsche, VW
 B+ M8, Length 247.00, Gear type GR,
 Mount. holes 3 (1)
 A: 76.20 B: 26.00 mm



116003 Starter 12 V, 1.2 kW
 Replacing: 428000-8432, 428000-8434,
 428000-8435, 428000-8441, 428000-8443,
 428000-8444
 Servicing: Toyota
 B+ M8, Length 182.50, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 24.00 mm



116016 Starter 12 V, 1.2 kW
 Replacing: 428000-0870
 Servicing: John Deere, Yanmar
 B+ M8, Length 183.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 22.00 mm



116071 Starter 12 V, 1.4 kW
 Replacing: 228000-5740, 228000-5741,
 228000-5742
 Servicing: Bobcat, Bomag, Kubota
 B+ M8, Length 219.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 47.00 mm



116076 Starter 12 V, 0.7 kW
 Replacing: 428000-1070
 Servicing: DUCATI
 B+ M6, Length 166.00, Gear type DD,
 Mount. holes 3 (3)
 A: 50.00 B: 27.50 mm



116078 Starter 12 V, 1.4 kW
 Replacing: 428000-3490
 Servicing: Harley Davidson
 B+ M8, Length 218.00, Gear type GR,
 Mount. holes 2 (0)
 A: 48.50 B: 43.50 mm



116092 Starter 12 V, 1.0 kW
 Replacing: 428000-8331, 428000-8332
 Servicing: Citroen, DS, Opel, Peugeot,
 Vauxhall
 B+ M8, Length 190.50, Gear type GR,
 Mount. holes 3 (1)
 A: 72.00 B: 14.00 mm



116149 Starter 12 V, 0.7 kW
 Replacing: 128000-7940
 Servicing: John Deere, Kawasaki, Kubota
 B+ M8, Length 181.00, Gear type DD,
 Mount. holes 2 (2)
 A: 75.00 B: 18.00 mm



116156 Starter 12 V, 2.0 kW
 Replacing: 428000-8320, 428000-8321,
 428000-8322, 428000-8323, 438000-0251
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 115539
 A: 79.00 B: 42.00 mm


116246 Starter 12 V, 1.9 kW

Replacing: 438000-0820, 438000-0821, 438000-0822

Servicing: Land Rover

B+ M8, Length 245.00, Gear type GR, Mount. holes 3 (3)

A: 54.30 B: -1.50 mm


116254 Starter 12 V, 2.0 kW

Replacing: 428000-0250

Servicing: Toyota

B+ M8, Length 220.00, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 18.00 mm


116255 Starter 12 V, 1.9 kW

Replacing: 428000-7980

Servicing: Hyundai, Kia

B+ M8, Length 216.00, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm


116256 Starter 12 V, 0.8 kW

Replacing: 428000-5410

Servicing: Honda

B+ M8, Length 213.50, Gear type GR, Mount. holes 2 (1)

A: 70.00 B: 33.00 mm


116257 Starter 12 V, 1.7 kW

Replacing: 428000-8030

Servicing: Chevrolet, Opel, Vauxhall

B+ M8, Length 215.00, Gear type GR, Mount. holes 2 (0)

A: 68.00 B: 18.50 mm


116268 Starter 12 V, 1.8 kW

Replacing: 438000-0270

Servicing: Ford

B+ M8, Length 231.50, Gear type GR, Mount. holes 3 (3)

A: 62.00 B: -5.00 mm


116272 Starter 12 V, 1.1 kW

Replacing: 438000-0200, 438000-0201, 438000-0202

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 219.00, Gear type GR, Mount. holes 2 (0)

A: 79.00 B: 63.00 mm


116273 Starter 12 V, 1.8 kW

Replacing: 4380000-0491, 4380000-0494, 438000-0490, 438000-0491, 438000-0492, 438000-0493, 438000-0494

Servicing: BMW

B+ M8, Length 216.00, Gear type GR, Mount. holes 3 (0)

A: 68.00 B: 6.00 mm


116286 Starter 12 V, 2.0 kW

Replacing: 428000-5950, 428000-5951, 428000-5952, 428000-5953

Servicing: Land Rover

B+ M8, Length 242.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 25.50 mm


116371 Starter 12 V, 1.5 kW

Replacing: 438000-0470, 438000-0473, 438000-0474, 438000-0480, 438000-0483

Servicing: BMW, Mini

B+ M8, Length 211.50, Gear type GR, Mount. holes 3 (0)

A: 70.00 B: 0.50 mm


116412 Starter 12 V, 1.7 kW

Replacing: 428000-7920, 428000-7921, 428000-7922, 428000-7923, 428000-7924, 428000-7925, 428000-7926

Servicing: Audi

B+ M8, Length 229.50, Gear type GR, Mount. holes 2 (1)

A: 66.00 B: 23.00 mm


116424 Starter 12 V, 1.6 kW

Replacing: 428000-1241, 428000-1242, 428000-1243, 428000-2330, 428000-2340, 428000-2341, 428000-2342

Servicing: Lexus

B+ M8, Length 182.50, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 22.50 mm



116426 Starter 12 V, 1.3 kW
 Replacing: 428000-8170, DUDRL
 Servicing: Honda
 B+ M8, Length 220.00, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 33.00 mm



116443 Starter 12 V, 2.0 kW
 Replacing: 428000-3640, 428000-4240
 Servicing: Volvo
 B+ M8, Length 238.00, Gear type GR,
 Mount. holes 4 (0)
 B: 7.00 mm



116445 Starter 12 V, 1.4 kW
 Replacing: 228000-1130, 228000-1131,
 228000-1132, 228000-1133
 Servicing: Iseki, Isuzu, Komatsu, TCM
 B+ M8, Length 187.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



116464 Starter 12 V, 1.5 kW
 Replacing: 428000-9130, 428000-9131
 Servicing: BMW, BMW (Brilliance)
 B+ M8, Length 216.50, Gear type GR,
 Mount. holes 2 (1)
 A: 76.20 B: 25.50 mm



116470 Starter 12 V, 1.0 kW
 Replacing: 428000-1350, 428000-1360
 Servicing: Honda
 B+ M8, Length 217.00, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 33.00 mm



116472 Starter 12 V, 2.0 kW
 Replacing: 428000-9060, 428000-9061
 Servicing: Toyota
 B+ M8, Length 201.50, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 13.00 mm



116474 Starter 12 V, 2.0 kW
 Replacing: 428000-1931, 428000-1932,
 428000-4890, 428000-4891, 428000-4892
 Servicing: Jaguar
 B+ M8, Length 241.00, Gear type GR,
 Mount. holes 3 (1)
 A: 70.00 B: 25.00 mm

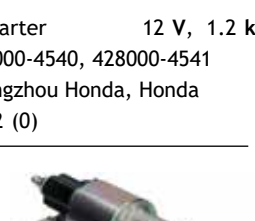
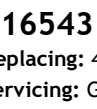


116513 Starter 24 V, 4.8 kW
 Replacing: 428000-7100
 Servicing: Cummins
 B- M10, B+ M10, Length 278.00,
 Gear type GR, Mount. holes 2 (0)
 A: 89.00 B: 48.00 mm



116537 Starter 12 V, 1.4 kW
 Replacing: 428000-4030, 428000-4031
 Servicing: Atlas Copco, Bobcat, Bomag, Cat-
 erpillar, Doosan, Hitachi, Ingersoll-Rand, JCB,
 Kubota, Manitou
 B+ M8, Length 187.50, Gear type GR,
 Mount. holes 2 (0)
 A: 66.00 B: 17.50 mm

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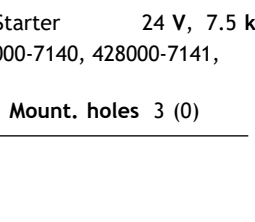
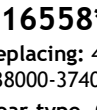


116543 Starter 12 V, 1.2 kW
 Replacing: 428000-4540, 428000-4541
 Servicing: Guangzhou Honda, Honda
 Mount. holes 2 (0)



116555 Starter 12 V, 1.7 kW
 Replacing: 428000-9210, 428000-9211,
 428000-9212, 438000-2020, 438000-2021
 Servicing: Mercedes-Benz
 B+ M8, Length 221.00, Gear type GR,
 Mount. holes 2 (2)
 A: 66.00 B: 27.00 mm

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116558* Starter 24 V, 7.5 kW
 Replacing: 428000-7140, 428000-7141,
 438000-3740
 Gear type GR, Mount. holes 3 (0)



116630 Starter 12 V, 1.4 kW

Replacing: 228000-6320, 228000-6321

Servicing: Kubota

B+ M8, 30h Plug, Length 189.00,
Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm



116695 Starter 12 V, 1.1 kW

Replacing: 428000-1160, 428000-1161

Servicing: Kubota

B+ M8, Mount. holes 2 (0),
Insulated return No

A: 66.00 B: 17.50 mm

NEW PRODUCT

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116776* Starter 12 V, 1.0 kW

Replacing: 428000-2560

Servicing: Daihatsu, Subaru

NEW PRODUCT

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116777* Starter 12 V, 1.4 kW

Replacing: 228000-1121

Servicing: Isuzu



116800 Starter 12 V, 0.8 kW

Replacing: 028000-6820, 028000-6821,
028000-6822, 028000-6823

Servicing: Komatsu, Toyota

B- M8, B+ M8, 15a M4, Length 232.00,
Drive type Steel, Gear type DD,
Mount. holes 2 (0)

Alternative no.: 110154

A: 82.00 B: 33.00 mm



110365 Starter 12 V, 0.8 kW
 Replacing: 532024, 532027
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110367 Starter 12 V, 1.0 kW
 Manufacturer: Lucas
 Replacing: 453027, 453040, 532002, 532010,
 532017, 6128, 6144, 6172, 6175, 6187, 6203,
 6227, 6231, 6231Ax
 Servicing: Dacia, DAF, Renault, Volvo
 B+ M8, Length 200.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (2)
 A: 66.00 B: 10.50 mm



110439 Starter 12 V, 2.0 kW
 Replacing: 6127, 6127C, 6232, 6232A
 Servicing: Buhrrer, Compair, Eicher, Massey
 Ferguson
 B+ M8, Length 309.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 25.00 mm



110459[#] Starter 12 V, 2.8 kW
 Replacing: 538504
 Servicing: Bedford
 B+ M8, Length 335.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



110462 Starter 12 V, 2.8 kW
 Replacing: 538501
 Servicing: Buhrrer, Case, Case IH, Fiat-Allis,
 Ford, Manitou, Matbro, New Holland, Terex
 B+ M8, Length 319.45, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115391.
 Alternative no.: 116137
 A: 92.00 B: 20.00 mm



110565 Starter 12 V, 2.8 kW
 Replacing: 538502, 538505, 6233
 Servicing: Eicher, Massey Ferguson
 B- M8, B+ M8, Length 313.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 4 KW: HC-CARGO 115392.
 A: 89.00 B: 29.50 mm



110584 Starter 12 V, 1.2 kW
 Replacing: 534054, 534054A, 534054B,
 534054C, 534054D, 534055
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 B: -6.00 mm



110585 Starter 12 V, 1.2 kW
 Replacing: 453052, 534029, 534031, 534042,
 534043, 534057
 Servicing: Renault, Volvo
 B+ M8, Length 214.15, Drive type Steel,
 Gear type DD, Mount. holes 4 (4)
 A: 66.00 B: -2.00 mm



110587 Starter 12 V, 1.2 kW
 Replacing: 534039, 8293, 8294
 Servicing: Citroen, Peugeot
 B+ M8, Length 208.20, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -5.00 mm



110818 Starter 12 V, 2.1 kW
 Replacing: 6068A
 Servicing: Case, Fiat-Allis, Massey Ferguson
 B+ M8, 15a 6.30, Length 309.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 24.60 mm



110856 Starter 12 V, 0.6 kW
 Replacing: 532021, 532023, 6136, 6185, 6219
 Servicing: Renault
 B+ M8, Length 208.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 66.00 B: 21.00 mm



110866 Starter 12 V, 0.9 kW
 Replacing: 534032, 534047
 Servicing: Renault
 B+ M8, Length 197.65, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (2)
 A: 66.00 B: 10.50 mm



111025 Starter 12 V, 0.8 kW

Replacing: 534053

Servicing: Autobianchi, Fiat, Lancia

B+ M8, Length 209.00, Drive type Steel,
Gear type DD/GR, Mount. holes 3 (2)

A: 64.00 B: 11.00 mm



111066 Starter 12 V, 1.05 kW

Replacing: 453016, 534046, 534050, 618077,
618078, 618565, 618795, 6240, 6242

Servicing: Citroen, Fiat, Peugeot, Talbot

B+ M8, Length 197.00, Drive type Steel,
Gear type DD, Mount. holes 2 (2)

A: 65.90 B: 21.00 mm



111100 Starter 12 V, 0.7 kW

Replacing: 6202, 6202A, 6202B, 6202C,
6202D, 6202F

Servicing: Citroen

B+ M8, Length 207.75, Drive type Steel,
Gear type DD/GR, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm



116137 Starter 12 V, 2.8 kW

Manufacturer: Mahle Letrika

Replacing: 538501

Servicing: Buhler, Ford, Matbro, New Holland

B- M8, B+ M8, Length 318.50,
Gear type DD, Mount. holes 3 (0)

Alternative no.: 110462

A: 92.00 B: 21.00 mm


110205 Starter 24 V, 6.5 kW

Replating: 0220000, R22.22

Servicing: Volvo

B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm


110206 Starter 24 V, 5.4 kW

Replating: 6080000, R23.08

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B- M10, B+ M12, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


110207 Starter 24 V, 5.4 kW

Replating: 6100000, R23.10

Servicing: Volvo, Volvo BM

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110208 Starter 24 V, 5.4 kW

Replating: 6110000, R23.11

Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Waterproof

A: 89.00 B: 48.00 mm


110209 Starter 24 V, 5.4 kW

Replating: 6230000, R23.23

Servicing: DAF

B- M10, B+ M12, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110210 Starter 24 V, 6.6 kW

Replating: 0050000, 6050000, R20.42, R22.05, R23.05

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B- M10, B+ M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Not suitable for biogas plants

A: 92.00 B: 47.50 mm


110212 Starter 24 V, 6.6 kW

Replating: 0140000, 0160000, 6260000, R22.14, R22.16, R23.26

Servicing: Iveco, Pegaso, Scania, Toyota

B- M10, B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.65 mm


110213 Starter 24 V, 6.6 kW

Replating: 0070000, R22.07

Servicing: Fiat, Iveco

B- M10, B+ M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 115.00 B: 20.80 mm


110214 Starter 24 V, 6.6 kW

Replating: 0130000, R20.28, R20D1, R22.13

Servicing: Scania

B- M10, B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 37.00 mm


110352 Starter 12 V, 1.3 kW

Replating: 803000.2, E100L-1.5/12, R100.03, R100.3

Servicing: Fiat, Lada

B+ M8, Length 201.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (3)

A: 82.50 B: 22.50 mm


110365 Starter 12 V, 0.8 kW

Replating: 8020020000, 8100000, E80C, R80.02

Servicing: Autobianchi, Fiat, Lancia, Seat

B+ M8, Length 236.50, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 62.00 B: 12.50 mm


110512 Starter 24 V, 5.4 kW

Replating: 6160000, 6250000, R20.17, R20Z, R23.16, R23.17, R23.25

Servicing: Agco, Agco Allis, Ahlmann, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Irmer

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110519 Starter 12 V, 3.0 kW

Replacing: R23.27

Servicing: Fiat, Iveco, Volvo

B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110520 Starter 24 V, 4.0 kW

Replacing: R10.05, R10TA

Servicing: Cummins, Fiat, Fiat-Allis, Renault B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm



110522 Starter 12 V, 3.0 kW

Replacing: R11.03, R11C

Servicing: Fiat, Fiat-Allis, Iveco, New Holland B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm



110523 Starter 24 V, 4.0 kW

Replacing: 6090000, R10.08

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm



110529 Starter 12 V, 3.0 kW

Replacing: R11.07, R11W

Servicing: Agrifull, BENFRA, Case IH, Fiat, Fiat-Allis, Iveco, Lister-Petter, New Holland, Terex B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Gear reduction HC-Cargo 113182

A: 110.00 B: 27.00 mm



110531 Starter 24 V, 6.6 kW

Replacing: 0090000, 0100000, 0120000, 6220000, R22.10, R22.12

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

B- M10, B+ M12, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 0 (0)

A: 56.00 B: 37.00 mm



110532 Starter 24 V, 6.6 kW

Replacing: R20.24, R20W

Servicing: Iveco

B- M10, B+ M12, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof

A: 115.00 B: 21.00 mm



110533 Starter 24 V, 5.4 kW

Replacing: R23.09

Servicing: Steyr

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm



110534 Starter 24 V, 5.4 kW

Replacing: 6180000, R23.18

Servicing: Ford, Iveco, Various Agriculture Vehicles

B+ M10, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110535 Starter 24 V, 5.4 kW

Replacing: 6210000, R23.21

Servicing: Fiat, Iveco

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110536 Starter 12 V, 2.7 kW

Replacing: R11.12, R11K

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer

B+ M10, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Magnetron.

Alternative no.: 116086

A: 89.00 B: 28.00 mm



110545 Starter 12 V, 3.0 kW

Replacing: R11.01, R11.06, R11.10, R11A, R11F, R11N

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110551 Starter 12 V, 3.0 kW
 Replacing: R11.02, R11B
 Servicing: Lamborghini, Same, Ursus, Zetor
 B+ M10, Length 326.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110582 Starter 24 V, 5.4 kW
 Replacing: 6060000, R23.06
 Servicing: Iveco
 B- M10, B+ M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110601 Starter 24 V, 5.4 kW
 Replacing: 6130000, R23.13
 Servicing: Mercedes-Benz, Steyr, Volvo
 B+ M10, Length 386.25, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.50 mm



110932 Starter 24 V, 5.4 kW
 Replacing: R23.24
 Servicing: DAF
 B- M10, B+ M10, Length 384.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 88.85 B: 47.00 mm



110980 Starter 24 V, 5.4 kW
 Replacing: 6340000, R23.34
 Servicing: Volvo
 B- M10, B+ M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111025 Starter 12 V, 0.8 kW
 Replacing: R80.04, R80K
 Servicing: Autobianchi, Fiat, Lancia
 B+ M8, Length 209.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (2)
 A: 64.00 B: 11.00 mm



111046 Starter 24 V, 6.6 kW
 Replacing: 0060000, R22.06
 Servicing: MAN, Volvo
 B+ M10, Length 404.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 48.00 mm



111218 Starter 24 V, 5.4 kW
 Replacing: 6330000, R23.33
 Servicing: Volvo Penta
 B- M10, B+ M10, Length 388.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 48.00 mm



111219 Starter 24 V, 6.6 kW
 Replacing: 6240000, 6270000, R23.27
 Servicing: Volvo, Volvo Penta
 B- M10, B+ M10, Length 385.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 47.40 mm



111231 Starter 24 V, 6.6 kW
 Replacing: 0380000, R22.38
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 40.25 mm



111585 Starter 12 V, 0.8 kW
 Replacing: 8020020000, 8100000, R80C, R80C1
 Servicing: Fiat, Lancia
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 61.90 B: 13.00 mm



116139 Starter 12 V, 3.0 kW
 Manufacturer: Mahle Letrika
 Replacing: R11.12, R11K
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer
 B+ M10, Length 311.00, Gear type DD,
 Mount. holes 3 (0)
 Iskra type.
 Alternative no.: 110536
 A: 89.00 B: 28.00 mm



110352 Starter 12 V, 1.3 kW
 Replacing: MTD12-14
 Servicing: Fiat, Lada
 B+ M8, Length 201.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (3)
 A: 82.50 B: 22.50 mm



110365 Starter 12 V, 0.8 kW
 Replacing: MTA12-39, MTA12-39M, MTS12-29,
 MTS12-39, MTS12-42, MTS12-48
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110367 5★ Starter 12 V, 1.0 kW
 Manufacturer: Lucas
 Replacing: MTA12-14, MTA12-19, MTA12-19M,
 MTA12-37, MTA12-43, MTA12P-15, MTA12-P19,
 MTS12-10, MTS12-37
 Servicing: Dacia, DAF, Renault, Volvo
 B+ M8, Length 200.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (2)
 A: 66.00 B: 10.50 mm



110450 5★ Starter 12 V, 3.6 kW
 Manufacturer: Prestolite
 Replacing: MTC252-7
 Servicing: Perkins
 B- M8, B+ M8, 15a M4, Length 370.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes,
 Oil sealed
 A: 88.80 B: 47.50 mm



110566 5★ Starter 24 V, 5.2 kW
 Manufacturer: Prestolite
 Replacing: MTC25-27
 Servicing: Perkins
 B+ M8, Length 371.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.75 mm



110856 Starter 12 V, 0.6 kW
 Replacing: MTA12-P30, MTA12P-7
 Servicing: Renault
 B+ M8, Length 208.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 66.00 B: 21.00 mm



111100 Starter 12 V, 0.7 kW
 Replacing: MTA12-30
 Servicing: Citroen
 B+ M8, Length 207.75, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.60 B: 19.80 mm



115423 Starter 12 V, 3.0 kW
 Replacing: MTL12-10
 Servicing: BPM, Goldoni, Lombardini, Ruggerini
 B+ M10, Length 330.00, Gear type DD,
 Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



110225 Starter 12 V
Replacing: D70Z11002A, D80F11001AA, D80F11001AA, E1AF11001BA, E1AF11002B, E1AF11131BA, E1AZ11002B, E25F11001AA
Servicing: Ford, Lincoln, Mercury
B+ M8, **Length** 252.00, **Drive type** Steel, **Gear type** DD, **Mount. holes** 2 (0)
Marine type ACR: HC-CARGO 111213.
A: 105.00 **B:** 16.50 mm



110227 Starter 12 V
Replacing: C20F11001A, C20F11001D, C20F11001E, C20Z11001A, C20Z11002A, C20F11001A, C20F11001B, C20F11001C
Servicing: Ford
B+ M8, **Length** 250.00, **Drive type** Steel, **Gear type** DD, **Mount. holes** 2 (0)
A: 105.00 **B:** 15.00 mm



110228 Starter 12 V
Replacing: D1AF11001A, D1AF11001AA, D1AZ11002A, D2AF11001A16C, D2AF11001AA, D2AF11001JA, D5AF11001EA
Servicing: Ford, Lincoln, Mercury
B+ M8, **Length** 251.50, **Drive type** Steel, **Gear type** DD, **Mount. holes** 2 (1)
A: 103.70 **B:** 11.50 mm



110230 Starter 12 V
Replacing: D12F11001AA, D12F11001AB, D1FF11001A, D1FF11001AA, D1FZ11002A, D22F11001A, D22F11001AA, D22F11001AB
Servicing: Ford, Mercury
B+ M8, **Length** 237.50, **Drive type** Steel, **Gear type** DD, **Clutch type** Dry, **Mount. holes** 3 (0)
A: 103.60 **B:** 15.50 mm



110231 Starter 12 V
Replacing: 3238665, 5752791, D6FF11001AA, D6FF11001BA, D6FF1100BA, D8FF11001A, D8FF11001AA, D8FF11001BA
Servicing: American Motors, Jeep
B+ 1/4" UNC, **Length** 265.50, **Drive type** Steel, **Gear type** DD, **Mount. holes** 2 (1)
A: 82.50 **B:** 16.50 mm



110336 Starter 12 V, 0.75 kW
Replacing: 1008828, 11448297, 1491391, 1539703, 1571105, 5003638, 5007090, 5008974, 5010217, 5014234, 5023551
Servicing: Ford, Mercury, Triumph
B+ M8, 15a M5, **Length** 243.00, **Drive type** Steel, **Gear type** DD/GR, **Clutch type** Dry, **Mount. holes** 3 (0)
A: 89.00 **B:** 28.00 mm



110461 Starter 12 V, 2.8 kW
Replacing: 1416198, 1416252, 1507703, 1653206, 1653210, 5003643, 715F11000JA, 715F11000MA, 755F11000AA
Servicing: Ford, Lancer Boss, Various Agriculture Vehicles
B+ M8, 30h M5, **Length** 272.00, **Drive type** Steel, **Gear type** DD, **Mount. holes** 3 (0)
A: 92.00 **B:** 21.00 mm



110462 Starter 12 V, 2.8 kW
Replacing: 702000150, 71YB11000AA, 81AB10300UB, C6NF11000A, C7NN11000A, C7NN11000B, DONN11000A, DONN11000B
Servicing: Buhrer, Case, Case IH, Fiat-Allis, Ford, Manitou, Matbro, New Holland, Terex
B+ M8, **Length** 319.45, **Drive type** Steel, **Gear type** DD, **Mount. holes** 3 (0)
4 KW: HC-CARGO 115391.
Alternative no.: 116137
A: 92.00 **B:** 20.00 mm



110465 Starter 12 V, 2.8 kW
Replacing: 1526103, 1624968, 733F11000AA
Servicing: Ford
B- M8, **B+** M8, **Length** 320.00, **Drive type** Steel, **Gear type** DD, **Mount. holes** 3 (0)
A: 92.00 **B:** 20.00 mm



110535 Starter 24 V, 5.4 kW
Replacing: C9JF11350A, D6PZ11350C
Servicing: Fiat, Iveco
B- M10, **B+** M10, **Length** 384.00, **Drive type** Steel, **Gear type** DD, **Mount. holes** 3 (0)
A: 89.00 **B:** 47.00 mm



110584 Starter 12 V, 1.2 kW
Replacing: 3960404
Servicing: Citroen, Fiat, Peugeot
B+ M8, **Length** 210.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 3 (1)
B: -6.00 mm



110713 Starter 12 V, 1.0 kW
Replacing: R89FB11000CA
Servicing: GEO, Toyota
B+ M8, **Length** 199.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (1)
A: 73.90 **B:** 8.00 mm



110810# Starter 12 V, 1.4 kW

Replacing: E92Z11002A, F02Z11002B, F12Z11002A, SAE770, SAE781, SAE792

Servicing: Ford, Kia, Mazda

B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 73.50 B: 16.00 mm



110831 Starter 12 V, 0.8 kW

Replacing: 6127593, 6170284, 71BB11000E2A, 71BB11000E2B, 71BB11000EA, 73BB11000B2A, 78AB11000AA, 78AB11000BA

Servicing: Ford

B+ M8, Length 258.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 31.00 mm



110842 Starter 12 V, 1.4 kW

Replacing: 1008833, 1638243, 5022412, 86GB11000JA, 86GB11000JB, 88BB11000BA, 91GB11000AA, 91GB11000AB

Servicing: Ford, Merkur, VW

B+ M8, Length 243.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 5.00 mm



110865 Starter 12 V, 0.95 kW

Replacing: ZBC911023

Servicing: Audi, VW

B+ M8, Length 220.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (3)

Bushing D.E. (clutch house): HC-CARGO 140500.

A: 82.50 B: 15.00 mm



110867 Starter 12 V, 1.7 kW

Replacing: 1008813, 1416218, 1644028, 5016235, 5023549, 5023587, 5028540, 6174535, 6177073, 6203381, 7412672

Servicing: Audi, Ford, Mazda

B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 14.25 mm



111102 5★ Starter 12 V, 0.8 kW

Manufacturer: Lucas

Replacing: 71AB11001BA

Servicing: Austin, Lotus, MG, Plymouth, Triumph, Vauxhall

B+ M7, Length 310.80, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 88.85 B: 45.00 mm



111131 Starter 12 V, 0.8 kW

Replacing: 1008795, 1008826, 1008827, 1008828, 1008831, 1008836, 141207, 1416205, 1416207, 1416225, 1591213

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm



111183 Starter 12 V, 1.4 kW

Replacing: E7SU11000AA, E98F11000AA, E98F11000BA, E9SF11000AB, F7SU11000A1B, F7SU11000A2B, F7SU11000AA

Servicing: Ford, Lincoln, Mercury

B+ M8, Length 226.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 15.00 mm



111224 Starter 12 V, 4.0 kW

Replacing: C2OF11001A, C2OF11001D, C3OF11001B, C9ZF11001A, D4OZ11002A

Servicing: John Deere

B+ M10, Length 402.50, Drive type Steel, Gear type GR, Mount. holes 3 (0), Oil sealed

Replacing: 37MT.

A: 88.90 B: 47.60 mm



111300 Starter 12 V, 1.4 kW

Replacing: SBA185086410, SBA185086500

Servicing: Bobcat, Ford, Volvo Penta

B+ M8, Length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 21.00 mm



111374 Starter 12 V, 1.5 kW

Replacing: 1057661, 1076141, 1085273, 1151642, 1205240, 1367529, 1388569, 1416224, 1X4U11000AA, 1X4UAA

Servicing: Ford, Jaguar, Mazda, Mercury

B+ M8, Length 219.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)



111680 Starter 12 V, 1.1 kW

Replacing: 1019852, 1030151, 1033781, 1057811, 1416226, 1416236, 7275964, 97KB11000AB, 97KB11000AC

Servicing: Ford

B+ M8, Length 211.75, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (2)

A: 72.00 B: 15.00 mm



111730 Starter 12 V, 1.0 kW
 Replacing: F7RU11000AA
 Servicing: Mazda, Peugeot
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 73.90 B: 13.00 mm



111748 Starter 12 V, 1.1 kW
 Replacing: 1029411
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 223.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 33.00 mm



111749 Starter 12 V, 1.1 kW
 Replacing: 1029407, 95VW11000AA,
 95VW11000AB
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 245.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



111750 Starter 12 V, 1.4 kW
 Replacing: 1008827, 1008831, 1416217,
 1644666, 1654769, 5016230, 5016231,
 5021193, 5021195, 5023550, 5023595
 Servicing: Ford
 B+ M8, 15a M5, Length 208.50,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (3)
 A: 76.00 B: 13.50 mm



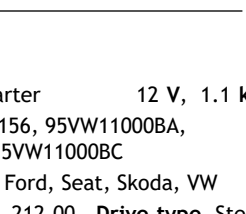
111844# Starter 12 V, 1.4 kW
 Replacing: 3852582, F07U11000BA, F0TZ11002B,
 F7PU11000KA, F7PZ11002KA, SA776, SA853
 Servicing: Ford, Mazda
 B+ M8, Length 225.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 104.00 B: 14.00 mm



111900 Starter 12 V, 1.8 kW
 Replacing: 1003308, 1007765, 1012221,
 1012395, 1025950, 1029405, 1059564,
 1072559, 1416238, 95VW11000CB
 Servicing: Audi, Ford, Lamborghini, Seat,
 Skoda, VW
 B+ M8, Length 235.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115503
 A: 76.00 B: 53.00 mm



111906 Starter 12 V, 1.1 kW
 Replacing: 0018882, 1004565, 1004566,
 1011330, 1011331, 1018882, 1018883,
 1019852, 1057811, 1061269, 1061271
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 214.35, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.20 B: 26.35 mm



111909 Starter 12 V, 1.1 kW
 Replacing: 1072156, 95VW11000BA,
 95VW11000BB, 95VW11000BC
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 212.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115504#
 A: 76.25 B: 32.00 mm



112005 Starter 12 V, 1.1 kW
 Replacing: 1072155, 1092114, 1416228,
 95VW11000AC, R95VW11000AC1
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 76.00 B: 52.00 mm



112006 Starter 12 V, 2.0 kW
 Replacing: 1019852, 1057811, 7275964
 Servicing: Toyota
 B+ M8, Length 250.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 74.00 B: 3.50 mm



112016 Starter 12 V
 Replacing: E3TZ11002E, E47F10001AA,
 R89FB11000CA, SA746
 Servicing: Ford
 B+ M6, Length 242.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 2 (0)
 A: 104.00 B: 15.00 mm



112074 Starter 12 V, 3.1 kW
 Replacing: 3918688, 81866002, 82005342,
 82007917, 82013922, 89821291, 898821291,
 F0NN11000BA, F0NN11000CA
 Servicing: Caterpillar, Cummins, Ford, Mani-
 tou, New Holland
 B+ M8, Length 329.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



112089 Starter 12 V

Replacng: C5TZ11002C, C6TF11000A, C6TF11000C, C6TZ11002E, E6HT11001CA, E6HZ11002C, E6HZ11002D, E8HT11001AA

Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins

B+ 1/2" UNC, B+ 1/2" UNC, Length 496.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Insulated return Yes, Oil sealed
Replacng: 42MT.

A: 92.00 B: 46.00 mm



112166 Starter 12 V, 1.7 kW

Replacng: 5030071, 7203211, 95VW11000DA, R95VW11000DA

Servicing: Ford, VW

B+ M8, Length 288.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
Bushng D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm



112177 Starter 12 V, 1.7 kW

Replacng: SBA185086551, SBA185086650

Servicing: Ford, New Holland

B+ M8, Length 213.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



112235 Starter 12 V, 1.4 kW

Replacng: 1057652, 1061458, 1095570, 1097126, 1104965, 1107016, 1151216, 1250901, 1365666, 1373810, 1416221

Servicing: Ford, Mazda, Mercury

B+ M8, Length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 76.10 B: 13.00 mm



112251 Starter 12 V, 2.3 kW

Replacng: 1008823, 1024508, 1027928, 1059179, 1073108, 1093471, 1105310, 1596530, 1653209, 5026497, 6039198

Servicing: Ford, LDV

B+ M8, Length 258.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 91.90 B: 20.50 mm



112267 Starter 12 V, 2.5 kW

Replacng: E3TF11000AA, E3TF11001AA, E3TU11000AA, E3TZ11002B, E4TZ11002B, E4TZ11002BRM, E5TF11000AA

Servicing: Bobcat, Cummins, Ford

B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed

A: 89.00 B: 46.50 mm



112286 Starter 12 V, 1.7 kW

Replacng: 1032666, 1147435, 1M2111000AA, 95VW11000EA, 95VW11000EB, 95VW11000EC, 97VW11000BA, 97VW11000BB

Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW

B+ M8, Length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 76.10 B: 32.00 mm



112290 Starter 12 V, 2.2 kW

Replacng: 1008813, 1008835, 1027300, 1058429, 1061267, 1061627, 1073093, 1118336, 1126987, 1229425, 1416204

Servicing: Ford, Mazda

B+ M8, Length 259.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm



112340 Starter 12 V, 1.4 kW

Replacng: 1057654, 1087280, 4022223, 5026805, 5029143, 6686135, 6775704, 93BB11000BA, 93BB11000BAA

Servicing: Ford, Mazda, Mercury

B+ M8, Length 226.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 4.00 mm



112429 Starter 12 V, 2.0 kW

Replacng: 1111210, 1147432, YM2111000BA, YM2111000BB

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Length 259.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 62.00 mm



112439 Starter 12 V, 2.2 kW

Replacng: BF5T11001AA, NNN500210

Servicing: Land Rover

B+ M8, Length 274.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 20.50 mm



112600 Starter 12 V, 1.4 kW

Replacng: F87U11000A1A, F87U11000A1B, F87U11000AA, F87Z11002AA, SA857

Servicing: Ford, Mazda

B+ M8, Length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 15.00 mm



112603[#] Starter 12 V, 1.5 kW

Replacing: F7PU11000EA, F7PZ11002EA, SA855, SA885

Servicing: Ford

B+ M8, Length 225.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 105.00 B: 12.00 mm



112608 Starter 12 V, 1.4 kW

Replacing: F81U11000AA, F81U11000AB, F81U11000AC, F81U11000AD, F81U11000AE, F81Z11002A, F81Z11002AA, SA873

Servicing: Ford, Lincoln

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 76.00 B: 14.00 mm



112646 Starter 12 V, 1.4 kW

Replacing: F6VU11000AA, F75U11000AA, F75U11000AB, F75U11000AC, F75Z11002A, F75Z11002AA, F7LU11000AA

Servicing: Ford, Lincoln, Mercury

B+ M8, Length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 15.00 mm



112821 Starter 12 V, 2.2 kW

Replacing: 1096338, 1120215, 1140110, 1151641, 1214371, 1387062, 1449615, 1450653, 1541002, 1551240, 1552432

Servicing: Ford, Jaguar

B+ M8, Length 250.80, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

Alternative no.: 115870

B: 36.00 mm



112963 Starter 12 V, 1.4 kW

Replacing: E2BF11001AA, E2BZ11002A, E37F11001A, E37F11001AA, E3TZ11002D, E4DF11001AA, SA732

Servicing: Ford, Mercury, Merkur

B+ M6, Length 243.25, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)

A: 105.00 B: 14.00 mm



113222 Starter 12 V, 1.4 kW

Replacing: F17U11000AB, F1TZ11002A, SA785

Servicing: Ford, Ford USA, Mazda

B+ M8, Length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 103.50 B: 14.50 mm



113276 Starter 12 V, 1.1 kW

Replacing: DS7T11000GA

Servicing: Chevrolet, Daewoo, Fiat, Mercedes-Benz, Opel, Peugeot, Saab, Vauxhall

B+ M8, Length 200.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 67.90 B: 19.00 mm



113303 Starter 12 V, 2.2 kW

Replacing: 6G9N11000KB, 8G9N11000AB

Servicing: Volvo

B+ M8, Length 240.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 0.00 mm



113380 Starter 12 V, 2.8 kW

Replacing: 6092295, 83DB11000BB, R82DB11000EA

Servicing: Ford

B- M8, B+ M8, Length 311.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Terminal 50 is where the wire needs to be soldered.

A: 91.80 B: 20.00 mm



113696 Starter 12 V, 2.0 kW

Replacing: SBA185086530

Servicing: Ford, New Holland

B+ M8, Length 219.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



113701 Starter 12 V, 1.1 kW

Manufacturer: Visteon

Replacing: 1019852, 1020508, 1027772, 1047081, 1057811, 1067536, 1067621, 1067622, 1092117, 7275964

Servicing: Ford, Mazda

B+ M8, Length 218.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (2)

A: 71.00 B: 14.00 mm



113702 Starter 12 V, 2.2 kW

Replacing: 1756803, 3601369, 4348654, F8RU11000AA, F8RU11131CAM3411002A-AM3411002CA

Servicing: Ford, Mazda

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 81.50 B: 17.50 mm


113703 Starter 12 V, 3.0 kW

Replacing: 3C3U11000AB, 3C3U11000AC, 3C3Z11002A, 3C3Z11002AA, 6C2T11000A, 6C2T11000AA, 6C2Z11002A

Servicing: Ford

B+ M10, Length 248.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

A: 76.00 B: 47.00 mm


115725 Starter 12 V, 2.0 kW

Replacing: 6G9N11000MA, 6G9N11000MB, AH5211001AC

Servicing: Land Rover

B+ M8, Length 220.00, Gear type GR, Mount. holes 3 (3)

B: -5.00 mm


115732 Starter 12 V, 1.7 kW

Replacing: 1741087, CC1T11000BA, CC1T11000BB

Servicing: Ford

B+ M8, Length 253.00, Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 18.00 mm


115769 Starter 12 V, 2.3 kW

Replacing: 1687623, 9M5N11000AA, 9M5T11000AA

Servicing: Ford, Volvo

B+ M8, Length 216.00, Gear type GR, Mount. holes 3 (2)

B: 13.00 mm


115870 5★ Starter 12 V, 2.1 kW

Manufacturer: Visteon

Replacing: 1096338, 1120215, 1140110, 1151641, 1214371, 1387062, 1449615, 1450653, 1541002, 1551240, 1552432

Servicing: Ford, Jaguar

B+ M8, Length 256.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 112821

B: 36.00 mm


115943 Starter 12 V, 1.1 kW

Replacing: 6G9N11000LA, 6G9N11000LB, 6G9N11000LC, 6G9N11000LD

Servicing: Land Rover

B+ M8, Length 202.00, Gear type GR, Mount. holes 2 (0)

A: 56.00 B: -7.00 mm


115982 Starter 12 V, 2.7 kW

Replacing: 7H4211001AB, 7H4211001AC

Servicing: Land Rover

B+ M10, Length 278.00, Gear type GR, Mount. holes 2 (2)

A: 80.00 B: 17.00 mm


115986 Starter 12 V, 2.5 kW

Replacing: 1740948, 1745176, 2033120, CC1T11000DA, CC1T11000DB, CC1T11000DC, CC1T11000DD

Servicing: Citroen, Ford, Peugeot

B+ M8, Length 255.00, Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 35.00 mm


116049 5★ Starter 12 V, 1.4 kW

Manufacturer: Visteon

Replacing: 1685834, AMEF3C11000BA, AV6N11000CA

Servicing: Ford, Volvo

B+ M8, Length 202.00, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 26.00 mm


116062 Starter 12 V, 1.2 kW

Replacing: 1229427, 1233234, 1254222, 1368970, 1469712, 1707507, 2109635, 3M5T11000CB, 3M5T11000CC

Servicing: Ford, Mazda, Volvo

B+ M8, Length 216.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

Alternative no.: 113908 5★

B: 14.00 mm


116065 Starter 12 V, 2.5 kW

Replacing: 1731711, 1741089, 1745178, CC-1T11000EA, CC1T11000EB, CC1T11000EC, CC1T11000ED

Servicing: Ford

B+ M8, Length 255.00, Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 18.00 mm


116137 5★ Starter 12 V, 2.8 kW

Manufacturer: Mahle Letrika

Replacing: 702000150, 71YB11000AA, 81AB10300UB, C6NF11000A, C7NN11000A, C7NN11000B, DONN11000A, DONN11000B

Servicing: Buhner, Ford, Matbro, New Holland

B- M8, B+ M8, Length 318.50, Gear type DD, Mount. holes 3 (0)

Alternative no.: 110462

A: 92.00 B: 21.00 mm



116157 Starter 12 V, 2.2 kW

Replacing: 1231963, 1233235, 1351989, 1376305, 1385784, 1465115, 1469721, 3M5T11000DA, 3M5T11000DB

Servicing: Ford, Volvo

B+ M8, Length 243.50, Drive type Steel, Gear type GR, Mount. holes 3 (3)

Alternative no.: 113911

A: 62.50 B: -5.95 mm



116159 Starter 12 V, 1.4 kW

Replacing: 1140757, 1144505, 1350459, 1368974, 1483817, 1502880, 1670812, 1734633, 2S6U11000EA, 2S6U11000EB

Servicing: Ford, Mazda

B+ M8, Length 200.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

Alternative no.: 113905

B: 14.00 mm



116246 Starter 12 V, 1.9 kW

Replacing: EJ3211001AB, EJ3211001AC, EJ3211001AD

Servicing: Land Rover

B+ M8, Length 245.00, Gear type GR, Mount. holes 3 (3)

A: 54.30 B: -1.50 mm



116247 Starter 12 V, 2.2 kW

Replacing: 1912881, BK3T11000CB, BK3T11000DB

Servicing: Ford

B+ M8, Length 235.00, Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 34.50 mm



116266 Starter 12 V, 1.2 kW

Replacing: 1776538, CV6T11000AA, CV6T11000AB, E4B511000AA

Servicing: Ford

B+ M8, Length 195.00, Gear type GR, Mount. holes 2 (1)

A: 86.00 B: 20.00 mm



116268 Starter 12 V, 1.8 kW

Replacing: 1870892, DS7T11000LD, DS7T11000LE

Servicing: Ford

B+ M8, Length 231.50, Gear type GR, Mount. holes 3 (3)

A: 62.00 B: -5.00 mm



116286 Starter 12 V, 2.0 kW

Replacing: AH2211001AC, AH2211001AD, AH2211001AE, AH2211001AF, AH2211001AG

Servicing: Land Rover

B+ M8, Length 242.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 25.50 mm



116316 Starter 12 V, 2.0 kW

Replacing: 1715211, 1778016, 1898356, 2033247, AV6N11000GA, AV6N11000GB, AV6N11000GC, AV6N11000GD, AV6N11000GE

Servicing: Ford

B+ M8, Length 235.00, Gear type GR, Mount. holes 3 (2)

B: 14.00 mm



116421 Starter 12 V, 2.0 kW

Replacing: 1902473, 2033252, CV2T11000AA, CV2T11000AB, CV2T11000AC

Servicing: Ford

B+ M8, Length 235.00, Gear type GR, Mount. holes 3 (2)

B: 14.00 mm



116474 Starter 12 V, 2.0 kW

Replacing: 4R8311001AC, 4R8311001AD, 8X2311001AA, 8X2311001AC

Servicing: Jaguar

B+ M8, Length 241.00, Gear type GR, Mount. holes 3 (1)

A: 70.00 B: 25.00 mm



116516 Starter 12 V, 2.2 kW

Replacing: 1880119, BK3T11000FA

Servicing: Ford

B+ M8, Length 236.00, Gear type GR, Mount. holes 2 (0)

B: 35.00 mm



116645 Starter 12 V, 2.5 kW

Replacing: 1720325, 2415034, AB3911000AA, AB39-11000AA, RMAB39-11000AA

Servicing: Ford, Ford Australia

B+ M8, Length 249.00, Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 35.00 mm

NEW PRODUCT
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NEW PRODUCT

www.hc-cargo.com
116708 Starter 12 V, 2.0 kW

Manufacturer: Visteon

Replating: 2011358, 2214299, GK2T11000BA, GK2T11000BB

Servicing: Ford



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NEW PRODUCT

www.hc-cargo.com
116758 Starter 12 V, 2.2 kW

Replating: 2225623, GK2T11000DA, GK-2T11000DB

Servicing: Ford

NEW PRODUCT

www.hc-cargo.com
116779* Starter 12 V, 1.4 kW

Replating: 1344589, 4M5T11000CA, 4M5T11000CB

Servicing: Ford



110811 Starter 12 V, 1.2 kW
 Replacing: SMD172860
 Servicing: Dodge, Eagle, Great Wall, Hyundai, Kia, Mazda, Mitsubishi, Plymouth
 B+ M8, Length 206.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 17.25 mm



110158 Starter 12 V, 1.2 kW

Replacing: HSC107100

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth, Proton

B+ M8, Length 190.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm



110576 Starter 24 V, 3.2 kW

Replacing: HSG232500

Servicing: Mitsubishi

B+ M8, Length 250.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

A: 60.00 B: 18.00 mm



110807 Starter 12 V, 0.85 kW

Replacing: HSC108100

Servicing: Ford, Kia, Mazda, Opel

B+ M8, Length 197.25, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm



110809 Starter 12 V, 2.0 kW

Replacing: HSG120500

Servicing: Dodge, Hyundai, Mitsubishi, Proton

B+ M8, Length 241.45, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 3.00 mm



110811 Starter 12 V, 1.2 kW

Replacing: HSP112110

Servicing: Dodge, Eagle, Great Wall, Hyundai, Kia, Mazda, Mitsubishi, Plymouth

B+ M8, Length 206.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 17.25 mm



110958 Starter 12 V, 0.9 kW

Replacing: HSC109120

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

B+ M8, Length 191.50, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 77.00 B: 10.80 mm



111307 Starter 12 V, 1.2 kW

Replacing: HSP112160

Servicing: Hyundai, Kia

B+ M8, Length 212.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm



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114388 Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: 9HT12010A6A

Servicing: Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hattat Tarim, Hyundai, Ingersoll-Rand

B- M8, **B+** M8, **30h** M10, **Length** 296.50, **Gear type** GR, **Mount. holes** 3 (0)

Iskra version.

Alternative no.: 116308

A: 89.00 **B:** 29.50 mm



110142 Starter 12 V, 1.0 kW

Replacing: S114-156, S114-160, S114-160A, S114-160B, S114-160D, S114-160E, S114-160F, S114-160G, S114-160H

Servicing: Nissan

B+ M8, Length 216.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 11.40 mm



110155 Starter 12 V, 0.85 kW

Replacing: S114-91, S114-91K

Servicing: Komatsu, Nissan, TCM

B+ M8, Length 191.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 83.00 B: 7.50 mm



110156 Starter 12 V, 0.8 kW

Replacing: S114-150, S114-150L, S114-151, S114-151L, S114-164, S114-164A

Servicing: Komatsu

B+ M8, Length 218.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 21.00 mm



110160 Starter 12 V, 1.2 kW

Replacing: S114-232, S114-232A, S114-237

Servicing: Volvo

B+ M8, 15a 6.30, Length 240.50, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 82.45 B: 35.00 mm



110249 Starter 12 V, 0.8 kW

Replacing: S114-396, S114-396D, S114-566, S114-606, S114-606A, S114-606C, S114-614

Servicing: Honda, Nissan, Rover

B+ M8, Length 209.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 75.00 B: 34.75 mm



110260 Starter 12 V, 1.0 kW

Replacing: LR160-12B

Servicing: Toyota, VW

B+ M8, Length 197.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 73.80 B: 20.00 mm



110277 Starter 12 V, 0.8 kW

Replacing: S114-121, S114-121N, S114-122, S114-172A, S114-172D, S114-172E, S114-173, S114-173B, S114-173E

Servicing: Nissan

B+ M8, Length 190.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.35 B: 6.80 mm



110278# Starter 12 V, 0.8 kW

Replacing: S114-319, S114-320, S114-320A

Servicing: Nissan

B+ M8, Length 192.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.00 B: 3.00 mm



110280 Starter 12 V, 1.2 kW

Replacing: S114-254, S114-254A, S114-254B, S114-254C, S114-254D, S114-254F, S114-258, S114-258A, S114-258C

Servicing: Nissan

B+ M8, Length 214.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 7.20 mm



110386 Starter 12 V, 1.9 kW

Replacing: S12-19, S12-19C, S12-19K, S12-19KA, S12-19KB, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68A

Servicing: Nissan

B+ M8, Length 233.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 10.50 mm



110412 Starter 12 V, 2.2 kW

Replacing: S13-06, S13-06A, S13-111, S13-123, S13-25, S13-27, S13-27A, S13-28, S13-33, S13-33A, S13-33B

Servicing: Isuzu, John Deere, TCM

B+ M8, Length 246.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 95.00 B: 20.30 mm



110417 Starter 12 V, 1.3 kW

Replacing: S114-231B, S114-235, S114-235A, S114-235B, S114-625

Servicing: Yanmar

B+ M8, Length 194.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 17.50 mm



110439 Starter 12 V, 2.0 kW

Replacing: S12-85, S12-87

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 25.00 mm



110443 Starter 12 V, 2.1 kW

Replacing: S12-84

Servicing: Austin, Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm



110462 Starter 12 V, 2.8 kW

Replacing: S13-61, S13-61A

Servicing: Buhner, Case, Case IH, Fiat-Allis, Ford, Manitou, Matbro, New Holland, Terex

B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0)
4 KW: HC-CARGO 115391.

Alternative no.: 116137

A: 92.00 B: 20.00 mm



110485 Starter 12 V, 1.4 kW

Replacing: S114-116, S114-450

Servicing: John Deere, Thermo King, Yanmar

B+ M8, Length 191.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.00 mm



110512 Starter 24 V, 5.4 kW

Replacing: LR155-414B

Servicing: Agco, Agco Allis, Ahlmann, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Irmer

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110552 Starter 12 V, 1.1 kW

Replacing: S114-381

Servicing: Ford, JCB, John Deere, Volvo Penta

B+ M8, Length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



110565 Starter 12 V, 2.8 kW

Replacing: S12-73, S13-73, S13-73B, S13-74

Servicing: Eicher, Massey Ferguson

B- M8, B+ M8, Length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm



110573 Starter 12 V, 2.0 kW

Replacing: S12-48, S12-58, S13-120A, S13-120B, S13-75, S13-82, S13-82A, S13-82B

Servicing: Daewoo, Hyster, Isuzu

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.80 mm



110574 Starter 12 V, 2.0 kW

Replacing: S13-106, S13-106A, S13-106B, S13-106C, S13-106E, S13-212, S13-213, S13-307A, S13-327, S13-327A

Servicing: Nissan

B+ M8, Length 224.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 11.00 mm



110575 Starter 12 V, 2.0 kW

Replacing: S114-105, S13-105, S13-105A, S13-305, S13-305A

Servicing: Nissan

B+ M8, Length 218.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 3.50 mm



110580 Starter 24 V, 4.5 kW

Replacing: S25-100, S25-100A, S25-103, S25-135, S25-135A

Servicing: Isuzu

B+ M10, Length 297.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.00 mm



110616 Starter 24 V, 4.5 kW

Replacing: S25-110, S25-110A, S25-110B, S25-110C, S25-110F, S25-110G, S25-110K, S25-110L, S25-110M, S25-162

Servicing: Nissan

B+ M8, Length 303.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 33.00 mm



110617 Starter 12 V, 1.2 kW

Replacing: S114-184, S114-23K

Servicing: Nissan

B+ M8, Length 249.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 30.00 mm



110719 Starter 12 V, 2.0 kW

Replacing: S12-38, S12-92, S13-104, S13-34, S13-34A, S13-40, S13-40A, S13-40B, S13-45, S13-45A, S13-45B

Servicing: Nissan

B+ M8, Length 227.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 11.50 mm



110723 Starter 24 V, 3.5 kW

Replacing: S24-03A, S24-03B, S24-03C, S24-13, S25-120, S25-120A, S25-212

Servicing: Isuzu

B+ M8, Length 248.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 21.00 mm



110807 Starter 12 V, 0.85 kW

Replacing: S114-550, S114-550A

Servicing: Ford, Kia, Mazda, Opel

B+ M8, Length 197.25, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm



110820 Starter 12 V, 2.0 kW

Replacing: S12-89, S13-211, S13-289, S13-289A, S13-89, S13-89A, S13-89B, S13-89C, S13-89D

Servicing: Thermo King

B+ M8, Length 229.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 19.50 mm



111010 Starter 12 V, 1.4 kW

Replacing: S114-501, S114-501A

Servicing: Audi, Ford, VW

B+ M8, 15a 6.30, Length 243.25, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 20.80 mm



111059 Starter 12 V, 0.9 kW

Replacing: S114-553, S114-553A

Servicing: Austin, Fiat, Seat, VW

B+ M8, 15a 6.30, Length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0) Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm



111098 Starter 12 V, 1.0 kW

Replacing: S114-385

Servicing: Iseki

B+ M8, Length 206.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 80.00 B: 21.60 mm



111120 Starter 12 V, 2.2 kW

Replacing: S13-91, S13-91A

Servicing: Volvo, VW

B+ M8, Length 272.65, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.35 B: 21.60 mm



111136 Starter 12 V, 1.4 kW

Replacing: S114-473, S114-480, S114-480A, S114-480B

Servicing: Opel, Vauxhall

B+ M8, Length 199.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 77.90 B: 19.00 mm



111247 Starter 24 V, 3.5 kW

Replacing: S24-07, S25-121, S25-121A

Servicing: Isuzu

B+ M8, Length 243.25, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 20.75 mm



111303 Starter 12 V, 0.8 kW

Replacing: S114-570, S114-570A, S114-570B, S114-570C, S114-758, S114-775, S114-775A

Servicing: Nissan

B+ M8, Length 185.15, Drive type Steel, Gear type DD/GR, Mount. holes 2 (1)

A: 69.95 B: 11.15 mm



111312 Starter 12 V, 0.8 kW

Replacing: S114-535, S114-535A, S114-569, S114-569A, S114-569B, S114-617, S114-617A, S114-630, S114-769

Servicing: Nissan

B+ M8, Length 221.70, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 43.00 mm



111382 Starter 12 V, 1.4 kW

Replacing: S114-801, S114-801A, S114-801B, S114-801C, S114-801D

Servicing: Infiniti, Nissan

B+ M8, Length 229.85, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 75.00 B: 56.25 mm



111445 Starter 12 V, 2.0 kW

Replacing: S13-101, S13-102, S13-302, S13-302A, S13-302B, S13-502, S13-502A

Servicing: Nissan, Toyota

B+ M8, Length 231.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 8.00 mm



111452 Starter 12 V, 0.8 kW

Replacing: S114-505, S114-505A, S114-780, S114-839

Servicing: Nissan, TCM

B+ M8, Length 191.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 7.80 mm



111459 Starter 12 V, 1.2 kW

Replacing: S114-520, S114-520A, S114-520B, S114-530, S114-533, S114-534, S114-750, S114-766, S114-766A

Servicing: Nissan

B+ M8, Length 207.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 70.00 B: 11.50 mm



111534 Starter 12 V, 1.4 kW

Replacing: S114-850, S114-850A, S114-850B, S114-850C, S114-850D, S114-850E, S114-890, S114-890A

Servicing: Opel, Vauxhall

B+ M8, Length 188.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 78.00 B: 19.00 mm



111558 Starter 24 V, 3.5 kW

Replacing: S25-156

Servicing: Nissan

B+ M8, Length 333.60, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 105.00 B: 9.00 mm



111559 Starter 12 V, 2.0 kW

Replacing: S13-112, S13-112A, S13-114, S13-114A, S13-114B, S13-210B, S13-210C, S14-203, S14-210, S14-210A

Servicing: Isuzu, Opel, Vauxhall

B+ M8, Length 223.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 10.50 mm



111586 Starter 12 V, 1.4 kW

Replacing: S114-482

Servicing: GEO, Suzuki

B+ M8, Length 207.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 11.00 mm



111608 Starter 12 V, 1.4 kW

Replacing: S114-523

Servicing: Infiniti, Nissan

B+ M8, Length 216.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.25 B: 43.00 mm



111683 Starter 12 V, 2.0 kW

Replacing: S13-136

Servicing: Chevrolet, Clark, GMC, Iseki, Isuzu, Opel, TCM

B+ M8, Length 232.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 95.00 B: 19.50 mm



111690 Starter 12 V, 1.1 kW

Replacing: S114-808, S114-808A, S114-808B, S114-808C, S114-808D

Servicing: Opel, Vauxhall

B+ M8, Length 193.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (1)

A: 78.00 B: 19.50 mm


111706 Starter 12 V, 1.0 kW

Replacng: S114-303, S114-303A

Servicing: Yanmar

B+ M8, Length 206.00, Drive type Steel,
Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 17.50 mm


111766 Starter 12 V, 1.1 kW

Replacng: S114-323, S114-323A, S114-323B, S114-323C

Servicing: Yamaha, Yanmar

B+ M8, Length 222.00, Drive type Steel,
Gear type DD, Mount. holes 2 (2)

A: 67.00 B: 32.00 mm


111805 Starter 12 V, 2.5 kW

Replacng: S13-107, S13-107A, S13-127, S13-127A, S13-127C

Servicing: Ford, Nissan

B+ M8, Length 228.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.50 mm


111917 Starter 12 V

Replacng: S13-237

Servicing: Yamaha

B+ M6, Length 168.00, Drive type Steel,
Gear type DD, Mount. holes 2 (0)

A: 30.00 B: 41.00 mm


112008 Starter 12 V, 0.6 kW

Replacng: S108-112, S108-120, S108-94, S108-94A, S114-120

Servicing: Suzuki

B+ M6, Length 201.00, Drive type Steel,
Gear type DD, Mount. holes 2 (2)

A: 67.00 B: 30.00 mm


112083 Starter 12 V, 2.8 kW

Replacng: S13-514, S13-555, S13-555A, S13-555B, S14-03

Servicing: Isuzu, Opel, Vauxhall

B+ M8, Length 230.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (0)

A: 95.00 B: 11.50 mm


112296 Starter 12 V, 1.0 kW

Replacng: S114-134, S114-194

Servicing: Yanmar

B+ M8, Length 206.50, Drive type Steel,
Gear type DD/GR, Mount. holes 2 (0) *Not oilproof.*

A: 82.00 B: 7.00 mm


112320 Starter 12 V, 1.4 kW

Replacng: S114-829, S114-829A, S114-829B, S114-829C, S114-829D, S114-869, S114-925, S114-925A, S114-925B

Servicing: Opel, Vauxhall

B+ M8, Length 194.00, Drive type Steel,
Gear type GR, Mount. holes 2 (1)

A: 77.90 B: 19.50 mm


112365 Starter 12 V, 2.2 kW

Replacng: S13-122, S13-126, S13-126A, S13-322, S13-326

Servicing: Nissan

B+ M8, Length 224.00, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 2 (0)

A: 95.00 B: 10.50 mm


112371 Starter 12 V, 2.2 kW

Replacng: S13-207, S13-207A, S13-207C

Servicing: Thermo King, Yanmar

B+ M8, Length 226.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (0)

A: 95.00 B: 21.50 mm


112373 Starter 12 V, 0.9 kW

Replacng: S114-443, S114-443A, S114-653, S114-653A, S114-653B

Servicing: Yanmar

B+ M8, Length 192.00, Drive type Steel,
Gear type DD, Clutch type Wet,
Mount. holes 2 (0)

A: 80.00 B: 11.50 mm


112374 Starter 12 V, 2.5 kW

Replacng: S13-124, S13-132, S13-294, S13-332, S13-78, S13-94, S13-94A

Servicing: Doosan, Gehl, Hako, Hitachi, John Deere, Kobelco, Komatsu, Landini, Manitou, McCormick, New Holland

B+ M8, Length 222.50, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (0)

A: 95.00 B: 20.00 mm



112382 Starter 12 V, 0.8 kW
Replacing: S114-903, S114-903A, S114-949, S114-949A
Servicing: Fiat, Lancia
B+ M8, **Length** 191.00, **Drive type** Steel, **Gear type** DD/GR, **Clutch type** Dry, **Mount. holes** 3 (1)
A: 64.50 **B:** 10.50 mm



112478 Starter 12 V, 0.8 kW
Replacing: S114-414, S114-414A, S114-651, S114-651A
Servicing: Yanmar
B+ M8, **Length** 192.00, **Drive type** Steel, **Gear type** GR, **Clutch type** Wet, **Mount. holes** 2 (0)
Direct drive version HC-CARGO 116115.
A: 66.00 **B:** 14.50 mm



112674 Starter 12 V, 1.3 kW
Replacing: S114-203, S114-219, S114-230, S114-230A
Servicing: Yanmar
B+ M8, **Length** 208.00, **Drive type** Steel, **Gear type** DD/GR, **Clutch type** Wet, **Mount. holes** 2 (0)
A: 89.00 **B:** 23.00 mm



112676 Starter 12 V, 2.2 kW
Replacing: S13-204, S13-404
Servicing: Clark, Hyster, Hyundai, Komatsu, Manitou, Yale, Yanmar
B+ M8, **Length** 231.00, **Drive type** Steel, **Gear type** GR, **Clutch type** Wet, **Mount. holes** 2 (0)
A: 95.00 **B:** 20.40 mm



113191 Starter 24 V, 3.5 kW
Replacing: 23300-6J02, 23300-6J04, S25-158, S25-158A, S25-158B, S25-160
Servicing: Nissan
B+ M8, **Length** 301.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 3 (0)
A: 104.90 **B:** 10.50 mm



113210 Starter 24 V, 3.2 kW
Replacing: S24-01, S24-01B, S24-01C, S24-01D, S25-125, S25-125A, S25-125B, S25-302, S25-303, S25-303A
Servicing: Nissan
B+ M8, **Length** 240.00, **Drive type** Steel, **Gear type** DD/GR, **Mount. holes** 3 (0)
A: 105.00 **B:** 11.00 mm



113276 Starter 12 V, 1.1 kW
Replacing: S114-907, S114-907A
Servicing: Chevrolet, Daewoo, Fiat, Mercedes-Benz, Opel, Peugeot, Saab, Vauxhall
B+ M8, **Length** 200.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (0)
A: 67.90 **B:** 19.00 mm



113408 Starter 12 V, 1.4 kW
Replacing: S114-815, S114-815A, S114-817, S114-817A, S12-47
Servicing: Yanmar
B+ M8, **Length** 193.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (0) *HC-CARGO 114281 = 1.7 kW.*
A: 94.85 **B:** 20.00 mm



113675 Starter 24 V, 4.0 kW
Replacing: S25-163, S25-163A, S25-163B, S25-163C, S25-163E, S25-163F, S25-163G, S25-168, S25-168A, S25-171
Servicing: Isuzu, Nissan
B+ M8, **Length** 235.50, **Drive type** Steel, **Gear type** GR, **Clutch type** Dry, **Mount. holes** 2 (0)
A: 94.00 **B:** 44.10 mm



113680 Starter 12 V, 0.9 kW
Replacing: S114-656, S114-656A
Servicing: Yanmar
B+ M8, **Length** 189.00, **Drive type** Steel, **Gear type** DD/GR, **Mount. holes** 2 (0)
A: 89.00 **B:** 16.00 mm



113924 Starter 12 V, 1.4 kW
Replacing: S114-146, S114-206, S114-244, S114-244A, S114-257, S114-257A, S114-257B, S114-257C, S114-257D
Servicing: John Deere, Mustang, Yanmar
B+ M8, **Length** 226.20, **Gear type** DD/GR, **Mount. holes** 2 (0)
A: 95.00 **B:** 20.00 mm



113962 Starter 12 V, 0.9 kW
Replacing: S114-905, S114-906, S114-938, S114-943, S114-943A, S114-947, S114-947A, S114-948
Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia
B+ M8, **Length** 169.60, **Gear type** DD/GR, **Mount. holes** 2 (1)
A: 64.00 **B:** 10.00 mm


113976 Starter 12 V, 1.4 kW

Replaching: S114-851, S114-851A

Servicing: Yanmar

B+ M8, Length 188.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 24.00 mm


114032 Starter 12 V, 2.5 kW

Replaching: S13-527, S13-527A, S13-527B, S13-553, S13-556, S13-556A, S13-559A, S13-559B

Servicing: Nissan, Opel, Renault, Renault V.I., Vauxhall

B+ M8, Length 214.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.00 mm


114098 Starter 12 V, 3.0 kW

Replaching: S13-160

Servicing: Gehl, Yanmar

B+ M8, Length 242.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 20.70 mm


114213 Starter 12 V, 2.0 kW

Replaching: S13-407, S13-407A

Servicing: Thermo King

B+ M8, Length 213.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 114253

A: 95.00 B: 21.30 mm


114232 Starter 12 V, 2.0 kW

Replaching: S14-413

Servicing: Nissan

B+ M8, Length 233.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 31.00 mm


114253 Starter 12 V, 2.0 kW

Manufacturer: Hitachi

Replaching: S13-407, S13-407A

Servicing: Thermo King

B+ M8, Length 213.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 114213

A: 95.00 B: 21.30 mm


114261 Starter 12 V, 1.0 kW

Replaching: S114-220, S114-221, S114-221E, S114-221F, S114-221G, S114-221H, S114-221J

Servicing: Mercury

B+ M6, Length 198.00, Gear type DD, Mount. holes 3 (3)

A: 66.50 B: 31.50 mm


114281 Starter 12 V, 1.7 kW

Replaching: S114-883

Servicing: Case, New Holland, Yanmar

B+ M8, Length 192.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 20.10 mm


114401 Starter 12 V, 1.2 kW

Replaching: S114-821, S114-821A

Servicing: John Deere

B+ M8, Length 193.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 25.00 mm


114482 Starter 12 V, 2.2 kW

Replaching: S14-412, S14-412C, S14-412D, S14-412E, S14-412F

Servicing: Opel, Vauxhall

B+ M8, Length 225.00, Gear type GR, Mount. holes 2 (0)

B: 41.00 mm


114526 Starter 12 V, 2.0 kW

Replaching: S14-410, S14-410E, S14-410F

Servicing: BMW, Renault, Saab

B+ M8, Length 214.00, Gear type GR, Mount. holes 3 (0)

B: 41.50 mm


114739 Starter 12 V, 0.8 kW

Replaching: S114-655, S114-655A, S114-655D

Servicing: Yanmar

B+ M8, Length 188.00, Gear type DD, Mount. holes 2 (0)

A: 95.00 B: 20.00 mm



114747 Starter 12 V, 2.2 kW
 Replacing: S13-558
 Servicing: Komatsu
 B+ M8, Length 225.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



114763 Starter 12 V, 1.4 kW
 Replacing: S114-844, S114-844A
 Servicing: Nissan
 B+ M8, Length 206.00, Gear type GR,
 Mount. holes 4 (2)
 A: 75.00 B: 61.00 mm



114764 Starter 12 V, 2.5 kW
 Replacing: S13-551, S13-551A, S13-551C
 Servicing: Nissan
 B+ M8, Length 215.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 11.00 mm



114867 Starter 12 V, 0.9 kW
 Replacing: S114-671A
 Servicing: Suzuki
 B+ M6, Length 196.00, Gear type DD,
 Mount. holes 2 (2)
 A: 57.00 B: 36.00 mm



114874 Starter 12 V, 3.0 kW
 Replacing: S14-102, S14-102A, S14-102B
 Servicing: Bobcat, Gehl, Mustang, Volvo,
 Yanmar
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 21.00 mm



114875 Starter 12 V, 2.8 kW
 Replacing: S14-407A, S14-407C
 Servicing: Nissan
 B+ M8, Length 213.50, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 11.00 mm



115341 Starter 12 V, 1.0 kW
 Replacing: S114-902, S114-902A, S114-902B,
 S114-902C, S114-902E, S114-922, S114-922A,
 S114-955
 Servicing: Dongfeng (DFL), Nissan, Nissan
 (Dongfeng), Renault
 B+ M8, Length 193.00, Gear type GR,
 Mount. holes 2 (0)
 A: 70.00 B: 20.50 mm



115361 Starter 12 V, 1.0 kW
 Replacing: S114-901, S114-901A, S114-901B,
 S114-954, S114-954B, S114-968
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 182.00, Gear type GR,
 Mount. holes 4 (4)
 A: 70.00 B: 18.50 mm



115523 Starter 12 V, 2.3 kW
 Replacing: S13-250, S13-550
 Servicing: Audi, Ford, Seat, VW
 B+ M8, Length 238.00, Gear type GR,
 Mount. holes 2 (0)
 B: 37.00 mm



115686 Starter 12 V, 1.4 kW
 Replacing: S114-877, S114-877A, S114-877B,
 S114-877C
 Servicing: Renault
 B+ M8, Length 193.00, Gear type GR,
 Mount. holes 3 (0)
 A: 68.00 B: 9.00 mm



115981 Starter 12 V, 2.5 kW
 Replacing: S13-68, S13-68A, S13-68C, S13-86
 Servicing: Yanmar
 B+ M8, Length 304.00, Gear type GR,
 Mount. holes 3 (0)
 A: 105.00 B: 32.00 mm



115992 Starter 12 V, 1.4 kW
 Replacing: S114-838A
 Servicing: Mercury, Yamaha
 B+ M8, Length 233.00, Gear type GR,
 Mount. holes 2 (0)
 B: 57.00 mm



116112 Starter 12 V, 2.5 kW

Replacing: S13-41, S13-41A, S13-41B, S13-41C, S13-41D

Servicing: John Deere, Yanmar

B+ M8, Length 297.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 19.00 mm



116115 Starter 12 V, 0.8 kW

Replacing: S114-414, S114-414A

Servicing: Yanmar

B+ M8, Length 190.00, Gear type DD, Mount. holes 2 (0)

Gear reduction version HC-CARGO 112478.

A: 66.00 B: 14.00 mm



116137 Starter 12 V, 2.8 kW

Manufacturer: Mahle Letrika

Replacing: S13-61, S13-61A

Servicing: Buhner, Ford, Matbro, New Holland

B- M8, B+ M8, Length 318.50, Gear type DD, Mount. holes 3 (0)

Alternative no.: 110462

A: 92.00 B: 21.00 mm



116144 Starter 12 V, 3.0 kW

Replacing: S13-138, S13-138A

Servicing: Yanmar

B+ M8, Length 292.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 95.00 B: 20.00 mm



116315 Starter 24 V, 3.7 kW

Replacing: S25-514, S25-514A, S25-514B, S25-514C

Servicing: JCB

B+ M8, Length 230.60, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 9.60 mm



116525 Starter 12 V, 2.3 kW

Replacing: S13-557, S13-557A, S13-557B

Servicing: Isuzu, Opel, Vauxhall

B+ M8, Length 213.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.00 mm



110160 Starter 12 V, 1.2 kW
 Replacing: 11.130.777, AZE2545
 Servicing: Volvo
 B+ M8, 15a 6.30, Length 240.50,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 2 (2)
 A: 82.45 B: 35.00 mm



110205 Starter 24 V, 6.5 kW
 Replacing: 11.139.028, AZK5187
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Waterproof
 A: 89.00 B: 47.50 mm



110206 Starter 24 V, 5.4 kW
 Replacing: 11.130.041, 11.139.041,
 11.139.506, 11.139.603, 72442831, AZK5401,
 AZK5545, AZK5570
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Neoplan, Setra
 B- M10, B+ M12, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



110207 Starter 24 V, 5.4 kW
 Replacing: 11139106
 Servicing: Volvo, Volvo BM
 B- M10, B+ M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110210 Starter 24 V, 6.6 kW
 Replacing: 11.139.032, AZK5191
 Servicing: Fiat-Allis, Kässbohrer, MAN, Mer-
 cedes-Benz, Mitsubishi, Neoplan, Ssangyong
 B- M10, B+ M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 Not suitable for biogas plants
 A: 92.00 B: 47.50 mm



110212 Starter 24 V, 6.6 kW
 Replacing: 11.139.012, AZK5172
 Servicing: Iveco, Pegaso, Scania, Toyota
 B- M10, B+ M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.65 mm



110213 Starter 24 V, 6.6 kW
 Replacing: 11.139.020, AZK5179
 Servicing: Fiat, Iveco
 B- M10, B+ M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 115.00 B: 20.80 mm



110365 Starter 12 V, 0.8 kW
 Replacing: 11.130.219, 11.130.487,
 11.130.586, 11.130.967, AZE1214, AZE1516,
 AZE1528, AZE3514
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110367 Starter 12 V, 1.0 kW
 Manufacturer: Lucas
 Replacing: 11.130.162, 11.130.193,
 11.130.217, 11.130.234, 11.130.362,
 AZE3506, AZE3512, AZE3517, AZF3509
 Servicing: Dacia, DAF, Renault, Volvo
 B+ M8, Length 200.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (2)
 A: 66.00 B: 10.50 mm



110368 Starter 12 V, 2.3 kW
 Replacing: 11.130.300, 11.130.399,
 11.130.885, 11.130.886, AZJ3107, AZJ3311,
 AZJ3312, AZJ3567
 Servicing: Audi, Mercedes-Benz, Volvo
 B+ M10, Length 289.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



110409 Starter 12 V, 3.0 kW
 Replacing: 11.139.140, AZK5487
 Servicing: Kaelble, Mack, Sennebogen
 B+ M10, Length 384.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110439 Starter 12 V, 2.0 kW
 Replacing: 10.130.141, 11.130.074,
 11.130.194, 11.130.408, 11.130.711,
 AZJ0404, AZJ3114, AZJ3248, AZJ3531
 Servicing: Buhner, Compair, Eicher, Massey
 Ferguson
 B+ M8, Length 309.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 25.00 mm



110442 Starter 12 V, 2.1 kW

Replacing: 11.131.635, AZJ3447

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 30.00 mm



110449 Starter 12 V, 3.6 kW

Manufacturer: Prestolite

Replacing: 11.130.320, 11.139.038, AZK5133

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, Length 370.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Alternative no.: 116326

A: 88.90 B: 48.75 mm



110461 Starter 12 V, 2.8 kW

Replacing: 11.130.769, AZJ3279

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm



110462 Starter 12 V, 2.8 kW

Replacing: 11.130.579, 11.130.624, AZJ3182, AZJ3198

Servicing: Buhner, Case, Case IH, Fiat-Allis, Ford, Manitou, Matbro, New Holland, Terex

B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0)

4 KW: HC-CARGO 115391.

Alternative no.: 116137

A: 92.00 B: 20.00 mm



110464 Starter 12 V, 2.1 kW

Replacing: 11.130.795, AZJ3324

Servicing: Carbodies, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, Length 336.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm



110512 Starter 24 V, 5.4 kW

Replacing: 10.130.123, 11.130.115, 11.139.035, 11.139.052, AZK5104, AZK5194, AZK5412

Servicing: Agco, Agco Allis, Ahlmann, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Irmer

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110517 Starter 24 V, 3.2 kW

Replacing: 11.130.146, 11.130.216, AZJ3520, AZJ3542

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 295.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



110518 Starter 24 V, 4.0 kW

Replacing: 11.130.124, 11.130.490, 11.139.454, AZJ3131, AZJ3460, AZJ3515

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



110519 Starter 12 V, 3.0 kW

Replacing: 11.130.862, AZJ3299

Servicing: Fiat, Iveco, Volvo

B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110520 Starter 24 V, 4.0 kW

Replacing: 11.130.121, 11.130.170, 11.130.364, AZJ3593, AZK5119

Servicing: Cummins, Fiat, Fiat-Allis, Renault

B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm



110521 Starter 24 V, 4.0 kW

Replacing: 11.130.225, 11.130.492, 11.139.453, AZF3542, AZJ3133, AZJ3459, AZJ3546

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



110522 Starter 12 V, 3.0 kW

Replacing: 11.130.366, 11.130.697, 11.139.455, AZJ3237, AZJ3461, AZJ3594

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm



110523 Starter 24 V, 4.0 kW

Replacing: 11.130.075, 11.130.141, 11.130.172, 11.130.491, AZJ3132, AZJ3518

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm



110524 Starter 24 V, 4.0 kW

Replacing: 11.130.010, 11.130.230, 11.130.339, 11.130.407, AZJ0501, AZJ3113, AZJ3549, AZJ3589

Servicing: Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110525 Starter 12 V, 3.0 kW

Replacing: 11.130.229, 11.130.412, AZJ3118, AZJ3548

Servicing: Claas, Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110527 Starter 24 V, 4.0 kW

Replacing: 11.130.743, AZJ3263

Servicing: Scania, Steyr, Toyota

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return No Not Insulated return.

A: 89.00 B: 48.00 mm



110529 Starter 12 V, 3.0 kW

Replacing: 11.130.403, AZJ3110, AZJ3535, AZJ3582

Servicing: Agrifull, BENFRA, Case IH, Fiat, Fiat-Allis, Iveco, Lister-Petter, New Holland, Terex B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0) Gear reduction HC-Cargo 113182

A: 110.00 B: 27.00 mm



110530 Starter 12 V, 3.0 kW

Replacing: 11.130.083, 11.130.201, 11.130.253, 11.130.521, AZJ3149, AZJ3503, AZJ3537, AZJ3556

Servicing: Huerlimann, Lamborghini, Same

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 22.00 mm



110535 Starter 24 V, 5.4 kW

Replacing: 11.139.013, AZK5173

Servicing: Fiat, Iveco

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110536 Starter 12 V, 2.7 kW

Replacing: 11.130.026, 11.130.117, 11.130.484, 11.130.551, 11.130.552, AZJ0402, AZJ3128, AZJ3169, AZJ3170

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer

B+ M10, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0) Magneton.

Alternative no.: 116086

A: 89.00 B: 28.00 mm



110537 Starter 12 V, 3.6 kW

Replacing: 11.130.116, 11.130.126, 11.139.008, 11.139.036, 11.139.037, AZK5105, AZK5106, AZK5168, AZK5195

Servicing: Mercedes-Benz, Volvo BM

B- M10, B+ M10, Length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110545 Starter 12 V, 3.0 kW

Replacing: 11.130.179, 11.130.376, 11.130.414, 11.130.692, 11.130.897, AZJ3119, AZJ3234, AZJ3319, AZJ3525

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110551 Starter 12 V, 3.0 kW

Replacing: 11.130.821, AZJ3285

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, Length 326.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110565 Starter 12 V, 2.8 kW

Replacing: 11.130.076, 11.130.200, 11.130.373, 11.130.386, 11.130.411, 11.130.419, 11.130.509, 11.130.629

Servicing: Eicher, Massey Ferguson

B- M8, B+ M8, Length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm



110582 Starter 24 V, 5.4 kW

Replacing: 11.139.117, AZK5466

Servicing: Iveco

B- M10, B+ M10, Length 384.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



110584 Starter 12 V, 1.2 kW

Replacing: 11.130.328, 11.130.398,
11.130.529, 11.130.556, 11.130.965,
11.131.764, 11.139.404, AZD2119

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 210.00, Drive type Steel,
Gear type GR, Mount. holes 3 (1)

B: -6.00 mm



110585 Starter 12 V, 1.2 kW

Replacing: 11.130.208, 11.130.346,
11.130.582, 11.130.790, AZE1203, AZF3512,
AZF3531, AZF3558

Servicing: Renault, Volvo

B+ M8, Length 214.15, Drive type Steel,
Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm



110587 Starter 12 V, 1.2 kW

Replacing: 11.130.233, 11.130.338,
11.130.418, AZF3515, AZF3528, AZF3551

Servicing: Citroen, Peugeot

B+ M8, Length 208.20, Drive type Steel,
Gear type DD/GR, Clutch type Dry,
Mount. holes 3 (3)

A: 66.00 B: -5.00 mm



110601 Starter 24 V, 5.4 kW

Replacing: 10.130.121, 11.130.005,
11.139.034, AZK5113, AZK5117, AZK5193

Servicing: Mercedes-Benz, Steyr, Volvo

B+ M10, Length 386.25, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm



110615 Starter 12 V, 2.8 kW

Replacing: 11.130.526, 11.131.070, AZJ3151,
AZJ3369

Servicing: Agco Allis, Agco White, Allis Chalmers,
Atlas Copco, Bobcat, Caterpillar, Gehl, Hako, JCB

B- M8, B+ M8, Length 312.25,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

HC-CARGO 115393 4.0 kW. Alternative HC-
CARGO 113534.

Alternative no.: 113534

A: 89.00 B: 29.50 mm



110640 Starter 12 V, 3.0 kW

Replacing: 11.130.127, 11.130.198,
11.130.409, AZJ3115, AZJ3516, AZJ3534

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

B+ M10, Length 339.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.00 mm



110807 Starter 12 V, 0.85 kW

Replacing: 11.130.809, AZE1540

Servicing: Ford, Kia, Mazda, Opel

B+ M8, Length 197.25, Drive type Steel,
Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm



110813 Starter 12 V, 2.7 kW

Replacing: 11.130.203, 11.131.603,
11.139.452, AZE6531, AZJ3458, AZJ3538

Servicing: Agrifull, Allis Chalmers, BENFRA, Case,
Case IH, Fiat, Fiat-Allis, Ford, Goldoni, Iveco

B+ M10, Length 294.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



110814 Starter 12 V, 2.7 kW

Replacing: 11.130.123, 11.130.500, AZJ3137,
AZJ3514

Servicing: Alfa Romeo, BENFRA, Fiat, Iveco,
Lancia, Massey Ferguson, Renault

B+ M10, Length 296.50, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.80 mm



110818 Starter 12 V, 2.1 kW

Replacing: 11.130.630, 11.130.972, AZJ3204,
AZJ3347

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, 15a 6.30, Length 309.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 92.00 B: 24.60 mm



110819 Starter 12 V, 2.8 kW

Replacing: 11.130.520, 11.130.632,
11.131.162, AZJ3148, AZJ3206, AZJ3389

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, Length 311.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 23.00 mm



110839 Starter 12 V, 1.7 kW
 Replacing: 11.130.558, AZE2507
 Servicing: Opel, Vauxhall
 B+ M8, Length 269.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.00 B: 19.60 mm



110847 Starter 12 V, 1.4 kW
 Replacing: 11.130.651, AZE2525
 Servicing: Opel, Saab, Toyota, Vauxhall
 B+ M8, Length 242.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 19.00 mm



110856 Starter 12 V, 0.6 kW
 Replacing: 11.130.034, 11.130.134, AZE0303
 Servicing: Renault
 B+ M8, Length 208.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 66.00 B: 21.00 mm



110866 Starter 12 V, 0.9 kW
 Replacing: 11.103.234, 11.130.378, AZF3545
 Servicing: Renault
 B+ M8, Length 197.65, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (2)
 A: 66.00 B: 10.50 mm



110867 Starter 12 V, 1.7 kW
 Replacing: 11.130.647, AZE2523
 Servicing: Audi, Ford, Mazda
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 14.25 mm



110980 Starter 24 V, 5.4 kW
 Replacing: 11.139.029, AZK5188
 Servicing: Volvo
 B- M10, B+ M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110981 Starter 24 V, 5.4 kW
 Replacing: 11.139.025, 11.139.514, AZK5184,
 AZK5553
 Servicing: DAF
 B- M10, B+ M12, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 110.00 B: 47.50 mm



111001 Starter 12 V, 3.0 kW
 Replacing: 11.130.254, 11.130.898,
 11.131.829, AZF4220, AZJ3320, AZJ3557
 Servicing: Lamborghini, Same, Steyr
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.00 B: 21.60 mm



111015 Starter 12 V, 1.1 kW
 Replacing: 11.131.928, AZD2127
 Servicing: Lombardini, Various Agriculture
 Vehicles
 B+ M8, Length 209.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 76.20 B: 15.00 mm



111025 Starter 12 V, 0.8 kW
 Replacing: 11.130.661, 11.130.968, AZE1215,
 AZE1531
 Servicing: Autobianchi, Fiat, Lancia
 B+ M8, Length 209.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (2)
 A: 64.00 B: 11.00 mm



111029 Starter 12 V, 1.4 kW
 Replacing: 11.130.787, AZE2548
 Servicing: BMW, Citroen, Nissan, Peugeot,
 Rover
 B+ M8, Length 207.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 62.00 B: -5.00 mm



111046 Starter 24 V, 6.6 kW
 Replacing: 11139048
 Servicing: MAN, Volvo
 B+ M10, Length 404.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 48.00 mm



111059 Starter 12 V, 0.9 kW
 Replacing: 11.139.418, AZD3520
 Servicing: Austin, Fiat, Seat, VW
 B+ M8, 15a 6.30, Length 230.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140008.
 A: 76.00 B: 33.00 mm



111060 Starter 12 V, 1.7 kW
 Replacing: 11.130.722, AZE2536
 Servicing: VW
 B+ M8, Length 264.35, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 31.80 mm



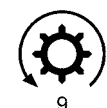
111065 Starter 12 V, 2.2 kW
 Replacing: 11.139.305, AZE4527
 Servicing: Daewoo, Mercedes-Benz, Ssangyong
 B+ M8, Length 276.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.30 B: 26.50 mm



111069 Starter 12 V, 1.7 kW
 Replacing: 11.130.772, 11.130.910, AZE2540,
 AZE2577
 Servicing: VW
 B+ M8, Length 290.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.40 B: 42.50 mm



111070 Starter 12 V, 1.7 kW
 Replacing: 11.130.642, AZE2521, AZE3521
 Servicing: Citroen, DS, Fiat, Hyundai, Lancia,
 Peugeot, Suzuki, Talbot
 B+ M8, Length 230.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 66.00 B: -6.50 mm



111100 Starter 12 V, 0.7 kW
 Replacing: 10.130.172, 11.130.007, AZE0305,
 ZB4-12/06-9
 Servicing: Citroen
 B+ M8, Length 207.75, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.60 B: 19.80 mm



111123 Starter 12 V, 0.9 kW
 Replacing: 11.130.969, 11.131.622, AZD2108,
 AZE1216
 Servicing: Chevrolet, Daewoo, Fiat, Opel,
 Vauxhall
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 67.95 B: 18.55 mm



111130 Starter 12 V, 1.1 kW
 Replacing: 11.139.402, AZD3513
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (3)
 A: 65.90 B: -5.00 mm



111131 Starter 12 V, 0.8 kW
 Replacing: 11.130.483, 11.130.963, AZE1210,
 AZE1515
 Servicing: Austin, Ford, Mazda, Rover
 B+ M8, Length 208.75, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 76.15 B: 13.45 mm



111217 Starter 12 V, 3.0 kW
 Replacing: 10.130.142, 10.130.143,
 10.130.207, 11.130.142, 11.139.033,
 11.139.108, AZK5112, AZK5192, AZK5457
 Servicing: Volvo, Volvo BM
 B- M10, B+ M10, Length 386.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111218 Starter 24 V, 5.4 kW
 Replacing: 11.139.077, AZK5431
 Servicing: Volvo Penta
 B- M10, B+ M10, Length 388.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 48.00 mm



111224 Starter 12 V, 4.0 kW
 Replacing: 11.130.663, 11.130.860, AZJ3215,
 AZJ3297
 Servicing: John Deere
 B+ M10, Length 402.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0), Oil sealed
 Replacing: 37MT.
 A: 88.90 B: 47.60 mm



111231 Starter 24 V, 6.6 kW
 Replacing: 11.139.030, 184452, AZK5189
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 40.25 mm



111251 Starter 12 V, 1.1 kW
 Replacing: 11.130.956, 11.139.403, AZD3514,
 AZE1209
 Servicing: Renault, Volvo
 B+ M8, Length 208.20, Drive type Steel,
 Gear type GR, Mount. holes 4 (4) Short
 version HC-CARGO 115442.
 A: 66.00 B: -2.00 mm



111304 Starter 12 V, 2.7 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.130.732, AZJ3255
 Servicing: Sabb
 B+ M10, Length 194.75, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 20.70 mm



111332 Starter 12 V, 2.7 kW
 Replacing: 11.130.669, 11.130.670,
 11.130.706, AZJ3218, AZJ3219, AZJ3244
 Servicing: Case IH, Fendt, Renault, Renault
 Agriculture, Steyr
 B+ M8, Length 293.55, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 21.00 mm



111398 Starter 12 V, 1.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.130.782, 11.131.285, AZE2160,
 AZF3566
 Servicing: BUKH
 B+ M8, Length 215.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 Oe unit has an opening on opposite side. HC-
 CARGO 111398 should be mounted "uOE unit
 has an opening on opposite side. HC-CARGO
 111398 should be mounted "upside down"
 (Solenoid downward).
 A: 82.00 B: 21.00 mm



111422 Starter 12 V, 0.8 kW
 Replacing: 11.130.421, 11.130.763, AZE1202,
 AZE1511
 Servicing: Fiat, Lancia
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (1)
 A: 64.00 B: 11.50 mm



111461 Starter 12 V, 2.2 kW
 Replacing: 11.139.413, AZE4635
 Servicing: Dodge, Hyundai, Mitsubishi
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 3.50 mm



111638 Starter 24 V, 4.0 kW
 Replacing: 11.130.687, AZJ3231
 Servicing: Volvo
 B- M10, B+ M10, Length 334.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 3 (0)
 A: 89.00 B: 47.70 mm



111640 Starter 24 V, 4.0 kW
 Replacing: 11.130.537, 11.131.143,
 11.131.177, AZJ3160, AZJ3387, AZJ3393
 Servicing: MAN
 B+ M10, Length 338.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.50 B: 28.00 mm



111641 Starter 12 V, 0.7 kW
 Replacing: 11.131.088, AZE1225
 Servicing: Dacia, Renault
 B+ M8, Length 134.00, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 64.00 B: 0.50 mm



111685 Starter 12 V, 1.4 kW
 Replacing: 11.139.433, AZE2204
 Servicing: Alfa Romeo, Fiat, Lancia
 B+ M8, Length 211.80, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 65.90 B: 10.80 mm



111690 Starter 12 V, 1.1 kW
 Replacing: 11.139.409, AZD3517
 Servicing: Opel, Vauxhall
 B+ M8, Length 193.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (1)
 A: 78.00 B: 19.50 mm



111693 Starter 12 V, 2.5 kW

Replacing: 11.130.532, AZJ3156

Servicing: Fiat, Iveco, Multicar

B+ M10, Length 295.65, Drive type Steel,
Gear type DD/GR, Clutch type Dry,
Mount. holes 3 (1)

A: 110.00 B: 27.00 mm



111694 Starter 12 V, 1.8 kW

Replacing: 11.130.773, 11.130.911, AZE2541,
AZE2578

Servicing: Audi, Ferrari, Multicar, Seat, Skoda, VW

B+ M8, Length 270.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (2)

A: 82.50 B: 16.00 mm



111748 Starter 12 V, 1.1 kW

Replacing: 11.130.854, 11.139.415, AZD3519,
AZE2563

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Length 223.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)
Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 33.00 mm



111749 Starter 12 V, 1.1 kW

Replacing: 11.130.775, 11.139.416, AZE2185,
AZE2543

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Length 245.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)
Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm



111752 Starter 12 V, 2.7 kW

Replacing: 11.130.704, 11.130.889, AZJ3242,
AZJ3314

Servicing: Case, Payloader

B+ M10, Length 342.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



111755 Starter 12 V, 3.0 kW

Replacing: 11.130.533, 11.130.534,
11.130.569, 11.130.762, 11.130.819,
AZJ3157, AZJ3158, AZJ3181, AZJ3274

Servicing: John Deere

B+ M10, Length 342.00, Drive type Steel,
Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 34.00 mm



111771 Starter 24 V, 6.2 kW

Replacing: 11.131.016, AZG4605

Servicing: Mercedes-Benz

B- M10, B+ M12, Length 390.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



111793 Starter 12 V, 3.0 kW

Replacing: 11131065

Servicing: Caterpillar, Mercedes-Benz, Volvo

B+ M10, Length 342.00, Drive type Steel,
Gear type DD, Clutch type Dry,
Mount. holes 3 (0)

A: 88.80 B: 28.50 mm



111805 Starter 12 V, 2.5 kW

Replacing: 11.139.406, AZE4634

Servicing: Ford, Nissan

B+ M8, Length 228.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.50 mm



111848 Starter 12 V, 1.0 kW

Replacing: 11.131.010, AZE2113

Servicing: Chevrolet, Citroen, Daewoo,
Holden, Isuzu, Opel, Peugeot, Vauxhall

B+ M8, Length 215.50, Drive type Steel,
Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm



111851 Starter 12 V, 2.0 kW

Replacing: 11.139.435, AZE2206

Servicing: Mercedes-Benz, Multicar,
Ssangyong

B+ M8, Length 240.00, Drive type Steel,
Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 25.50 mm



111855 Starter 12 V, 2.2 kW

Replacing: 11.131.109, 11.180.180, AZE4535

Servicing: KHD, Various Agriculture Vehicles

B+ M8, Length 267.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (0)

Alternative no.: 116128

A: 82.50 B: 23.00 mm



111865 Starter 12 V, 1.7 kW
 Replacing: 11.139.432, AZE2201
 Servicing: Lancia, Land Rover
 B+ M8, Length 268.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 73.00 B: 39.00 mm



111885 Starter 12 V, 3.1 kW
 Replacing: 11.130.664, 11.130.695, AZJ3216,
 AZJ3236
 Servicing: Case
 B+ M10, Length 332.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0), Oil
 sealed, Waterproof
 A: 89.00 B: 48.00 mm



111900 Starter 12 V, 1.8 kW
 Replacing: 11.131.055, AZE2624
 Servicing: Audi, Ford, Lamborghini, Seat,
 Skoda, VW
 B+ M8, Length 235.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115503
 A: 76.00 B: 53.00 mm



111904 Starter 12 V, 1.8 kW
 Replacing: 11.139.439, AZE2665
 Servicing: Seat, VW
 B+ M8, Length 247.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Bosch 0001124026/24 has 12mm bracket hole
 A: 66.00 B: 46.70 mm



111909 Starter 12 V, 1.1 kW
 Replacing: 11.131.054, AZE2623
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 212.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115504#
 A: 76.25 B: 32.00 mm



111910 Starter 24 V, 6.7 kW
 Replacing: 11.139.164, AZJ3450
 Servicing: Scania
 B- M10, B+ M12, Length 429.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111982 Starter 24 V, 4.0 kW
 Replacing: 11.130.728, AZF4507
 Servicing: Mercedes-Benz
 B+ M10, Length 342.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115801
 A: 88.75 B: 45.00 mm



111996 Starter 12 V, 2.2 kW
 Replacing: 11.139.445, AZE4144
 Servicing: Iveco
 B+ M8, Length 274.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 110.00 B: 27.00 mm



112005 Starter 12 V, 1.1 kW
 Replacing: 11.131.137, AZE2634
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 76.00 B: 52.00 mm



112034 Starter 12 V, 1.7 kW
 Replacing: 11.131.157, AZE2636
 Servicing: ACME, Arona, BCS, Ferrari, Gol-
 doni, Hatz, Lombardini, Mosa, Ruggerini
 B+ M8, Length 233.30, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 27.00 mm



112039 Starter 12 V, 2.7 kW
 Replacing: 11.130.008, 11.130.247,
 11.130.432, 11.130.612, AZJ0101, AZJ3123,
 AZJ3192, AZJ3551
 Servicing: Fendt, Jenbacher Werke, KHD,
 Lombardini
 B+ M10, Length 298.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



112041 Starter 12 V, 2.2 kW
 Replacing: 11.130.565, AZJ3177
 Servicing: Agco Allis, Atlas Copco, Bomag,
 Case, Fendt, Ingersoll-Rand, JCB, John
 Deere, KHD, Liebherr, Terex
 B+ M10, Length 293.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 82.50 B: 23.00 mm



112053 Starter 12 V, 2.2 kW

Replacing: 11.131.477, AZE4112, AZE6514

Servicing: Citroen, Peugeot

B+ M8, Length 272.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 74.00 B: -6.00 mm



112071 Starter 12 V, 3.0 kW

Replacing: 11.130.841, AZF4514

Servicing: Atlas Copco, Bomag, Case, Deutz-Fahr, Fendt, Hyundai, John Deere, Liebherr, Still, Terex, Volvo

B+ M10, Length 315.80, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 28.80 mm



112074 Starter 12 V, 3.1 kW

Replacing: 11.130.627, AZJ3201

Servicing: Caterpillar, Cummins, Ford, Manitou, New Holland

B+ M8, Length 329.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm



112116 Starter 24 V, 6.6 kW

Replacing: 11.139.107, AZK5456

Servicing: Volvo

B- M12, B+ M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 47.00 mm



112119 Starter 24 V, 6.6 kW

Replacing: 11.139.022, AZK5181

Servicing: Scania

B- M10, B+ M10, Length 406.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 37.00 mm



112131 Starter 12 V, 1.4 kW

Replacing: 11.130.845, AZE2558

Servicing: VW

B+ M8, 15a 6.30, Length 244.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm



112132 Starter 24 V, 4.0 kW

Replacing: 11.130.766, AZJ3277

Servicing: Volvo BM

B+ M10, Length 339.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

BOSCH OE 0001360036 IS OIL-SEALED. HC-CARGO 112132 IS NOT!

A: 89.00 B: 47.00 mm



112135 Starter 12 V, 3.1 kW

Replacing: 11.130.705, 11.130.895, AZJ3243, AZJ3317

Servicing: Case

B+ M10, Length 315.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.80 B: 22.00 mm



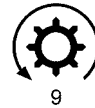
112136 Starter 12 V, 2.8 kW

Replacing: 11.130.896, AZJ3318

Servicing: Massey Ferguson

B+ M8, Length 340.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.75 B: 48.30 mm



112171 Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacing: 11.131.002, AZE2617

Servicing: BCS, Bertolini, Ferrari, Goldoni, Lombardini, Piaggio, Valpadana

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Alternative no.: 116556

A: 76.00 B: 28.00 mm



112173 Starter 12 V, 2.7 kW

Replacing: 11.130.250, AZJ3554, IS0250

Servicing: Bertolini, BMW, Hatz, VM (Stabilimenti Mec)

B+ M10, Length 342.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 20.00 mm



112218 Starter 12 V, 1.0 kW

Replacing: 11.139.449, AZE1244

Servicing: Nissan, Renault

B+ M8, Length 168.25, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (3)

B: -2.00 mm



112249 Starter 12 V, 2.7 kW
 Replacing: 11.130.531, 11.130.620, AZJ3155, AZJ3197
 Servicing: Mercedes-Benz, Various Agriculture Vehicles
 B+ M10, Length 295.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



112251 Starter 12 V, 2.3 kW
 Replacing: 11.139.331, 11.139.410, AZE4101, AZE4562
 Servicing: Ford, LDV
 B+ M8, Length 258.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 91.90 B: 20.50 mm



112267 Starter 12 V, 2.5 kW
 Replacing: 11.130.665, AZJ3217
 Servicing: Bobcat, Cummins, Ford
 B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed
 A: 89.00 B: 46.50 mm



112286 Starter 12 V, 1.7 kW
 Replacing: 11.130.723, 11.131.057, AZE2537, AZE2626
 Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW
 B+ M8, Length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 76.10 B: 32.00 mm



112290 Starter 12 V, 2.2 kW
 Replacing: 11.139.411, AZE4102
 Servicing: Ford, Mazda
 B+ M8, Length 259.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 76.00 B: 15.00 mm



112295 Starter 12 V, 1.7 kW
 Replacing: 11.130.646, AZE2522
 Servicing: Mitsubishi, Renault, Volvo
 B+ M8, Length 265.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 66.00 B: -0.50 mm



112304 Starter 12 V, 1.4 kW
 Replacing: 11.130.417, AZE2502
 Servicing: Lada
 B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 35.00 mm



112307 Starter 12 V, 1.1 kW
 Replacing: 11.139.327, AZE2147
 Servicing: Seat, VW
 B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 4 (2)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 82.50 B: 2.00 mm



112320 Starter 12 V, 1.4 kW
 Replacing: 11.139.334, 11.139.401, AZE2150, AZE2169
 Servicing: Opel, Vauxhall
 B+ M8, Length 194.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 77.90 B: 19.50 mm



112321 Starter 12 V, 1.1 kW
 Replacing: 11.139.417, AZE2186
 Servicing: Audi, Skoda, VW
 B+ M8, Length 227.55, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 82.50 B: 13.50 mm



112390 Starter 12 V, 1.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.131.100, AZE1227
 Servicing: Lister
 B+ M8, 15a 4.70, Length 210.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



112436 Starter 12 V, 2.3 kW
 Replacing: 11.131.476, AZE6513
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 248.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 81.50 B: 21.50 mm

**112441** Starter 12 V, 2.3 kW

Replacing: 11.131.560, AZE6526

Servicing: Iveco, Mitsubishi, Multicar, Renault
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 81.00-84.00 mm.

Alternative no.: 115505

A: 84.00 B: 27.00 mm

**112446** Starter 24 V, 4.0 kW

Replacing: 11.130.730, AZF4509

Servicing: MAN

B+ M10, Length 321.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 Bosch DD HC-CARGO 113468.

Alternative no.: 116135

A: 89.00 B: 27.45 mm

**112474** Starter 12 V, 1.8 kW

Replacing: 11.139.423, AZE2188

Servicing: Mitsubishi, Nissan, Opel, Renault,
 Suzuki, Vauxhall, Volvo

B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 4 (3)

B: -2.00 mm

**112494** Starter 24 V, 4.0 kW

Replacing: 11.130.842, 11.131.770, AZF4198, AZF4515

Servicing: Atlas Copco, Bomag, Case, Deutz-
 Fahr, Fendt, John Deere, Liebherr, Still,
 Terex, Volvo, Yanmar

B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)

A: 89.00 B: 28.00 mm

**112496** Starter 12 V, 2.0 kW

Replacing: 11.130.979, 11.131.164, AZE2105, AZE2141

Servicing: Farymann

B+ M8, Length 269.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (1)

A: 82.50 B: 14.50 mm

**112498** Starter 24 V, 4.0 kW

Replacing: 11.131.846, AZF4237

Servicing: Ginaf, Heuliez, Irisbus, Iveco, Temsa

B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)

A: 89.00 B: 48.00 mm

**112534** Starter 12 V, 2.0 kW

Replacing: 11.131.267, AZE2155

Servicing: Gehl, Hako, Ingersoll-Rand, JCB,
 KHD, Komatsu, Manitou, Perkins, Terex,
 Thwaites, Valpadana, Volvo

B+ M8, Length 239.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm

**112545** Starter 12 V, 1.4 kW

Replacing: 11.131.052, AZE2117

Servicing: Lister

B+ M8, Length 187.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (2)

A: 89.00 B: 27.00 mm

**112553** Starter 12 V, 1.7 kW

Replacing: 11.139.447, AZE2210

Servicing: Alpina, BMW

B+ M8, 30h M5, Length 269.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (2)

A: 76.20 B: 21.50 mm

**112555** Starter 12 V, 3.1 kW

Replacing: 11.130.567, AZJ3179

Servicing: Bosch, Deutz-Fahr, Fendt, Irmer,
 Jenbacher Werke, KHD, Kramer, Linde

B+ M10, Length 303.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)

A: 89.00 B: 28.50 mm

**112581** Starter 24 V, 6.2 kW

Replacing: 11.139.163, 11.139.165, AZJ3448, AZJ3452

Servicing: DAF

B+ M12, Length 380.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm

**112651** Starter 24 V, 4.0 kW

Manufacturer: Mahle Letrika

Replacing: 11.130.003, 11.130.030,
 11.130.672, AZJ0602, AZJ3221

Servicing: Bosch, KHD

B+ M10, Length 351.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

Alternative no.: 116690

A: 89.00 B: 48.00 mm



112660 Starter 12 V, 2.8 kW
 Replacing: 11.131.038, 11.132.010, AZE4217, AZJ3364
 Servicing: Case, Cummins, Massey Ferguson, New Holland
 B+ M10, Length 333.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



112670 Starter 24 V, 4.0 kW
 Replacing: 11.130.993, AZJ3351
 Servicing: DAF, Hanomag, Mercedes-Benz, Perkins
 B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 28.50 mm



112821 Starter 12 V, 2.2 kW
 Replacing: 11.139.424, 11.139.459, AZE2189, AZE2226
 Servicing: Ford, Jaguar
 B+ M8, Length 250.80, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 Alternative no.: 115870
 B: 36.00 mm



113134 Starter 12 V, 2.2 kW
 Replacing: 11.139.333, AZE4564
 Servicing: Opel, Renault, Renault V.I., Vauxhall
 B+ M8, Length 272.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 109.70 B: 27.00 mm



113177 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: 11131729
 Servicing: Lamborghini
 B+ M8, Length 212.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115329
 A: 76.00 B: 16.00 mm



113181 Starter 12 V, 2.3 kW
 Replacing: 11.131.223, 11.131.458, 11.131.600, 11.131.948, AZE4566, AZE6509, AZE6530, AZE6554
 Servicing: Bomag, Claas, Clark, Deutz-Fahr, Fendt, Gehl, Genie, Hamm, Hurlimann, JCB, KHD, Lamborghini, Linde
 B+ M8, Length 258.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 23.00 mm



113182 Starter 12 V, 3.0 kW
 Replacing: 11.131.604, AZF4155
 Servicing: New Holland
 B+ M10, Length 320.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



113276 Starter 12 V, 1.1 kW
 Replacing: 11.131.903, AZD2126
 Servicing: Chevrolet, Daewoo, Fiat, Mercedes-Benz, Opel, Peugeot, Saab, Vauxhall
 B+ M8, Length 200.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 67.90 B: 19.00 mm



113281 Starter 12 V, 1.1 kW
 Replacing: 11.139.448, AZE2211
 Servicing: MG, Rover
 B+ M8, Length 231.40, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 75.00 B: 43.00 mm



113282 Starter 12 V, 1.4 kW
 Replacing: 11.139.431, AZE2199
 Servicing: Chrysler, Mercedes-Benz
 B+ M8, Length 248.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 60.00 B: 26.00 mm



113346 Starter 12 V, 0.8 kW
 Replacing: 11.130.783, AZJ3281
 Servicing: MG, Rover, VW
 B+ M8, Length 210.50, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)
 A: 67.00 B: 41.00 mm



113356 Starter 24 V, 3.5 kW
 Replacing: 11.130.676, 11.131.104, 11.139.199, AZF4910, AZJ3223, AZJ3381
 Servicing: Belarus, GAZ, ZIL
 B+ M10, Length 235.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 99.90 B: 32.00 mm

**113381** Starter 12 V, 2.5 kW

Replacing: 11.130.510, 11.130.618, 11.139.456, AZJ3145, AZJ3195, AZJ3462

Servicing: Farymann, Fiat, Fiat-Allis, Goldoni
B- M8, B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 109.70 B: 26.00 mm

**113387** Starter 12 V, 2.0 kW

Replacing: 11.131.056, AZE2625

Servicing: Seat, VW

B+ M8, Length 238.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 54.00 mm

**113389** Starter 12 V, 2.2 kW

Replacing: 11.139.441, AZE4140

Servicing: Mercedes-Benz

B+ M8, Length 272.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 26.00 mm

**113429** Starter 12 V, 4.2 kW

Replacing: 11.131.117, 11.131.300, AZF4577, AZF4611

Servicing: Case, Cummins

B- M12, B+ M10, Length 317.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm

**113430** Starter 12 V, 1.8 kW

Replacing: 11.130.997, AZE2111

Servicing: Alfa Romeo, Fiat, Lancia, Suzuki

B+ M8, Length 239.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 82.00 B: 9.50 mm

**113451** Starter 12 V, 2.2 kW

Replacing: 11.139.443, AZE4142

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 272.50, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 81.50 B: 23.00 mm

**113459** Starter 12 V, 2.0 kW

Replacing: 11.131.136, AZE2138

Servicing: Lister

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 88.80 B: 27.00 mm

**113464** Starter 24 V, 4.8 kW

Replacing: 11.130.151, 11.130.673, AZJ3222, AZJ3522

Servicing: ABG, Irmer, Iveco, KHD

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm

**113465** Starter 12 V, 3.0 kW

Replacing: 11.130.596, AZJ3187

Servicing: Renault V.I.

B+ M10, Length 338.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.75 B: 21.50 mm

**113466** Starter 24 V, 4.0 kW

Replacing: 11.130.598, 11.130.729, 11.130.944, AZF4508, AZF4527, AZJ3188

Servicing: Citroen, Peugeot, Renault V.I.

B+ M10, Length 316.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 88.90 B: 22.00 mm

**113467** Starter 12 V, 3.7 kW

Replacing: 11.130.619, AZJ3196

Servicing: Agco, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Ingersoll-Rand, Iveco, JCB

B+ M10, Length 368.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm

**113468** Starter 24 V, 4.0 kW

Replacing: 11.130.626, 11.131.085, 11.131.144, 11.131.236, AZJ3199, AZJ3374, AZJ3388, AZJ3404

Servicing: MAN

B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

Bosch GR HC-CARGO 112446.

A: 89.00 B: 27.00 mm


113478 Starter 12 V, 2.5 kW

Replacing: 11.131.063, 11.131.221, 11.131.384, AZE4603, AZE4620

Servicing: Atlas Copco, John Deere

B+ M10, Length 254.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0), Oil sealed

A: 82.50 B: 35.00 mm


113480 Starter 12 V, 1.2 kW

Replacing: 11.131.233, AZE2642

Servicing: Ruggerini

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 28.00 mm


113481 Starter 12 V, 1.4 kW

Replacing: 11.130.957, 11.139.422, AZD3523, AZE2101

Servicing: Opel, Renault, Suzuki, Vauxhall, Volvo

B+ M8, Length 231.00, Drive type Steel, Gear type GR, Mount. holes 4 (4)

A: 65.90 B: -1.00 mm


113482 Starter 12 V, 3.0 kW

Manufacturer: Mahle Letrika

Replacing: 11.130.881, AZJ3310

Servicing: Volvo BM

B+ M10, Length 338.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 88.75 B: 47.00 mm


113484 Starter 24 V, 4.0 kW

Replacing: 11.130.595, 11.131.335, AZF4588, AZJ3186

Servicing: Sisu, Valtra

B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm


113532 Starter 12 V, 3.0 kW

Replacing: 11.130.748, 11.130.820, 11.131.167, 11.131.318, 11.131.929, AZF4510, AZF4559, AZF4582, AZJ3284

Servicing: Renault Agriculture

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 34.00 mm


113570 Starter 12 V, 4.0 kW

Replacing: 11.130.836, 11.131.542, 11.131.727, AZF4190, AZF4513

Servicing: Valtra

B+ M10, Length 320.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


113674 Starter 12 V, 2.0 kW

Replacing: 11.131.297, AZE2165

Servicing: Opel, Saab, Vauxhall

B+ M8, Length 246.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.30 B: 18.50 mm


113677 Starter 12 V, 1.1 kW

Replacing: 11.131.178, AZE2640

Servicing: VW

B+ M8, Length 213.15, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 76.00 B: 52.50 mm


113678 Starter 12 V, 2.2 kW

Replacing: 11.131.676, AZE2668

Servicing: Linde, VW

B+ M8, Length 258.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115507

A: 76.10 B: 62.00 mm


113690 Starter 12 V, 1.0 kW

Manufacturer: Mahle Letrika

Replacing: 11.131.186, AZE1230

Servicing: Yanmar

B+ M8, Length 185.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 17.00 mm


113725 Starter 12 V, 2.5 kW

Replacing: 11131275

Servicing: Bomag, Case, Case IH, Cummins, Gehl, Ingersoll-Rand, Ingram, Kohler, Komatsu, New Holland, Terex

B+ M10, Length 300.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.60 B: 49.00 mm


113760 Starter 24 V, 4.0 kW

Replacing: 11.139.608, 72442886, AZF4403

Servicing: DAF

B+ M10, Length 315.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)

A: 89.00 B: 27.00 mm


113843 Starter 12 V, 1.1 kW

Replacing: 11.131.902, AZD2125

Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall

B+ M8, Length 199.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (1)

A: 64.00 B: 24.25 mm


113850 Starter 24 V, 5.4 kW

Replacing: AZK5467

Servicing: Volvo BM

B- M10, B+ M10, Length 387.00,
Drive type Steel, Gear type DD,
Clutch type Dry, Mount. holes 3 (0),
Insulated return No

A: 89.00 B: 48.00 mm


113851 Starter 24 V, 7.5 kW

Replacing: 11.139.615, AZG4865

Servicing: Mercedes-Benz

B+ M12, Length 348.50, Drive type Steel,
Gear type DD/GR, Clutch type Dry,
Mount. holes 3 (0)

Replacing: 39MT.

Alternative no.: 115885

A: 92.00 B: 47.70 mm


113859 Starter 24 V, 6.0 kW

Replacing: 11.139.607, 72442835, AZG4862

Servicing: Scania

B+ M10, Length 361.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


113891 Starter 24 V, 5.5 kW

Replacing: 11.139.605, 72442833, AZF4876

Servicing: Scania

B+ M10, Length 325.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)

Alternative no.: 115509

A: 92.00 B: 48.00 mm


113900 Starter 12 V, 2.2 kW

Replacing: 11.131.750, AZE6544

Servicing: John Deere

B+ M8, Length 239.50, Drive type Steel,
Gear type DD/GR, Clutch type Dry,
Mount. holes 2 (0)

A: 82.50 B: 26.00 mm


113901 Starter 12 V, 3.0 kW

Manufacturer: Mahle Letrika

Replacing: 11.131.116, 11.131.426,
11.131.728, 11.132.101, AZE4166, AZE4230,
AZE4540, AZE4597

Servicing: Valtra

B+ M10, Length 297.50, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


113968 Starter 12 V, 3.6 kW

Replacing: 11.130.659, AZJ3212

Servicing: New Holland

B+ M8, Length 330.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


113982 Starter 12 V, 2.0 kW

Manufacturer: Mahle Letrika

Replacing: 11.130.923, 11.131.528, AZE2606,
AZE2663

Servicing: Hatz

B+ M8, Length 233.50, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

Alternative no.: 116458

A: 82.50 B: 40.50 mm


114002 Starter 12 V, 4.2 kW

Replacing: 11.131.352, 11.132.260, AZF4591

Servicing: Agrifac, Case, Case IH, Claas, Lan-
dini, Manitou, McCormick, Mitsubishi, New
Holland, Steyr

B+ M10, Length 316.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm


114021 Starter 12 V, 3.0 kW

Replacing: AZF4591

Servicing: New Holland

B+ M10, Length 314.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm



114031 Starter 24 V, 5.5 kW
 Replacing: 11.139.604, 72442832, AZF4875
 Servicing: MAN
 B+ M10, Length 323.50, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



114050 Starter 12 V, 4.2 kW
 Replacing: 11.130.999, 11.131.464,
 11.131.520, 11.131.920, AZF4122, AZF4135,
 AZF4535
 Servicing: Case, New Holland
 B+ M10, 30h M10, Length 317.00,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 27.50 mm



114073 Starter 24 V, 5.5 kW
 Replacing: 11.139.606, 72442834, AZF4877
 Servicing: Bova, DAF, Minelli, Solaris, Temsa
 B+ M10, Length 319.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 w/ safety switch.
 Alternative no.: 115511
 A: 110.00 B: 47.00 mm



114107 Starter 12 V, 3.2 kW
 Replacing: 11.131.112, 11.131.315,
 11.131.984, AZE4214, AZE4536, AZE4579,
 AZF4545
 Servicing: Landini, Massey Ferguson, McCor-
 mick, Perkins
 B+ M10, Length 295.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.88 B: 29.50 mm



114117 Starter 12 V, 1.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.131.059, 11.131.530, AZE1241
 Servicing: Hatz
 B+ M8, Length 202.00, Gear type DD,
 Mount. holes 0 (0)
 A: 66.00 B: 16.00 mm



114126 Starter 12 V, 2.3 kW
 Replacing: 11.131.478, 11.131.986, AZE6515,
 AZE6559
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 248.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 72.00 B: -6.00 mm



114196 Starter 24 V, 4.0 kW
 Replacing: AZF4295
 Servicing: Case, New Holland
 B+ M10, Length 317.00, Gear type GR,
 Mount. holes 3 (0), Insulated return No
 A: 89.00 B: 27.60 mm



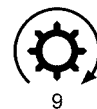
114220 Starter 24 V, 4.0 kW
 Replacing: 11.131.607, 11.131.863, AZF4156,
 AZF4230
 Servicing: Deutz-Fahr
 B+ M10, Length 320.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 116132
 A: 82.50 B: 23.00 mm



114254 Starter 12 V, 2.7 kW
 Replacing: 11.130.710, 11.131.249, AZJ3247,
 AZJ3405
 Servicing: Balkancar, Chang Feng (Liebao),
 Dronningborg, Sampo-Rosenlew, Ursus, Val-
 tra, Zetor
 B+ 9.70, Length 237.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 116134
 A: 89.00 B: 49.40 mm



114264 Starter 12 V, 4.2 kW
 Replacing: 11.131.292, 11.131.697,
 11.131.711, 11.131.848, AZF4181, AZF4186,
 AZF4224, AZF4576
 Servicing: Case, Caterpillar, Daedong, Gehl,
 Hyster, Hyundai, JCB, John Deere, Landini,
 Manitou, McCormick
 B- M8, B+ M10, Length 349.50,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 21.00 mm



114265 Starter 12 V, 2.7 kW
 Replacing: 11.130.503, AZJ3140
 Servicing: VM Motori, VM (Stabilimenti Mec)
 B+ M10, Length 295.00,
 Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



114266 Starter 24 V, 4.0 kW
 Replacing: 11.130.734, 11.132.106, AZF4298,
 AZJ3256
 Servicing: Agco Power (Sisu diesel), JCB
 B- M8, B+ M10, Length 346.50,
 Gear type DD, Mount. holes 3 (0),
 Insulated return Yes
 A: 89.00 B: 48.00 mm



114275 Starter 12 V, 4.0 kW

Replacing: 11.139.179, AZF4416

Servicing: AGCO, Atlas Copco, Case IH, Caterpillar, Claas, Cummins, Gehl, Ingersoll-Rand, John Deere, Kohler

B+ M10, Length 326.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 48.00 mm



114276 5★ Starter 12 V, 1.0 kW

Manufacturer: Mahle Letrika

Replacing: 11.131.028, 11.131.529, AZE1240

Servicing: Hatz

B+ M8, Length 219.00, Gear type GR

A: 66.00 B: 17.00 mm



114320 Starter 12 V, 3.0 kW

Replacing: AZF4229

Servicing: Atlas Copco, Bomag, Ingersoll-Rand, JCB, John Deere, KHD, Terex, Thwaites

B+ M10, Length 316.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 23.00 mm



114387 5★ Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: 11.131.070, 11.131.228, 11.131.410, 11.131.606, 11.131.780, 11.131.946, 11.131.964, 11.132.035

Servicing: JCB, Perkins

B- M8, B+ M8, Length 299.00, Gear type DD/GR, Mount. holes 3 (0) Iskra version.

Alternative no.: 116307

A: 89.00 B: 28.85 mm



114388 5★ Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: 11.131.077, 11.131.605, 11.131.761, 11.131.781, 11.131.793, 11.131.942, 11.131.947, 11.131.989

Servicing: Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hattat Tarim, Hyundai, Ingersoll-Rand

B- M8, B+ M8, 30h M10, Length 296.50, Gear type GR, Mount. holes 3 (0)

Iskra version.

Alternative no.: 116308

A: 89.00 B: 29.50 mm



114398 Starter 24 V, 4.0 kW

Replacing: 11.131.353, AZJ3413

Servicing: Hatz

B+ M10, Length 345.00, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



114447 Starter 12 V, 3.0 kW

Replacing: 11.130.785, 11.131.027, 11.131.430, 11.131.705, AZF4115, AZF4183, AZF4511, AZF4539

Servicing: Case, New Holland

B+ M8, Length 316.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm



114460 Starter 12 V, 1.4 kW

Replacing: 11.131.232, AZE2151

Servicing: Citroen, DS, Fiat, Hyundai, Lancia, Mitsubishi, Opel, Peugeot

B+ M8, Length 216.00, Gear type GR, Mount. holes 3 (3)

B: -4.00 mm



114475 5★ Starter 12 V, 4.0 kW

Manufacturer: Mahle Letrika

Replacing: 11.131.686, 11.131.864, 11.132.138, AZF4178, AZF4231, AZF4310

Servicing: Fendt

B+ M10, Length 321.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Alternative no.: 116672

A: 89.00 B: 28.00 mm



114480 Starter 12 V, 4.2 kW

Replacing: 11.131.260, 11.131.830, AZF4627, AZF4687

Servicing: Case IH

B+ M12, Length 327.00, Gear type GR, Mount. holes 3 (0), Oil sealed

A: 92.00 B: 48.00 mm



114523 Starter 24 V, 4.0 kW

Replacing: 11.139.601, 72442813, AZF4402

Servicing: Mercedes-Benz, MAZ

B+ M10, Length 313.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.50 mm



114677 5★ Starter 12 V, 2.0 kW

Manufacturer: Mahle Letrika

Replacing: 11.130.922, 11.131.527, AZE2605, AZE2662

Servicing: Hatz, Various Agriculture Vehicles, Various Industrial applications

B+ M8, Length 232.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 40.50 mm



114824 Starter 24 V, 4.0 kW
 Replacing: 11.131.254, 11.132.083, AZF4292, AZF4571
 Servicing: Various Industrial applications
 B+ M10, Length 320.50, Gear type GR, Mount. holes 3 (0)
 A: 88.90 B: 47.00 mm



114852 Starter 12 V, 4.2 kW
 Replacing: 11.131.640, 11.131.763, 11.131.784, 11.131.792, 11.131.900, 11.132.008, AZF4164, AZF4196, AZF4206
 Servicing: Various Agriculture Vehicles, Various Industrial applications
 B- M10, B+ M10, Length 350.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



114872 Starter 24 V, 5.5 kW
 Replacing: 11.139.621, AZE4693
 Servicing: Renault V.I., Volvo
 B- M10, B+ M10, Length 344.00, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115875 ★
 A: 92.00 B: 46.00 mm



115325 ★ Starter 24 V, 2.5 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.131.265, AZE2156
 Servicing: Bomag, Caterpillar, JCB, New Holland, Takeuchi, Terex
 B+ M8, Length 233.00, Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 21.00 mm



115329 Starter 12 V, 1.2 kW
 Replacing: 11.131.299, 11.131.729, AZE2649
 Servicing: Lamborghini, Lombardini
 B+ M8, Length 212.00, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 113177 ★
 A: 76.20 B: 16.00 mm



115355 ★ Starter 24 V, 5.4 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.131.688, 11.131.870, AZF4671, AZF4697
 Servicing: Deutz-Fahr, KHD, Various Agriculture Vehicles, Various Industrial applications
 B- M10, B+ M10, Length 355.00, Gear type GR, Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 48.00 mm



115357 Starter 12 V, 4.2 kW
 Replacing: 11.131.433, 11.131.856, AZF4116, AZF4228
 Servicing: Agrofex, Agrometer, Agtec, Atlas Copco, Bobcat, Case IH, Claas, Cummins, Hitachi, Ingersoll-Rand
 B- M10, B+ M10, Length 345.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 49.00 mm



115389 Starter 12 V, 4.2 kW
 Replacing: 11.131.488, 11.131.782, 11.131.945, 11.131.965, 11.132.034, AZF4129, AZF4202, AZF4204, AZF4258
 Servicing: Linde, Perkins, Teksan
 B- M8, B+ M10, Length 327.00, Gear type GR, Mount. holes 3 (0)
 4.2 kW version = HC-CARGO 113654.
 A: 89.00 B: 29.50 mm



115391 Starter 12 V, 4.2 kW
 Replacing: 11.131.573, AZF4146
 Servicing: Case, JCB, Matbro, New Holland, Various Agriculture Vehicles
 B+ M8, Length 327.20, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 20.50 mm



115392 Starter 12 V, 4.0 kW
 Replacing: 11.131.574, AZF4147
 Servicing: Landini, Massey Ferguson, Various Agriculture Vehicles
 B+ M10, Length 325.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



115393 Starter 12 V, 4.0 kW
 Replacing: 11.131.575, AZF4148, IS1160, IS1160
 Servicing: Bobcat, Caterpillar, Gehl, Hako, JCB, Terex, Thwaites, Various Agriculture Vehicles
 B+ M10, Length 325.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



115397 Starter 12 V, 2.0 kW
 Replacing: 11.130.899, 11.131.674, AZE2213, AZE2573
 Servicing: GAZ
 B+ M8, Length 245.00, Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm

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115404* Starter 12 V, 3.0 kW

Replacing: 11.139.053, AZK5413

Gear type DD, Mount. holes 3 (0)



115423 Starter 12 V, 3.0 kW

Replacing: 11.130.019, 11.130.248, 11.130.501, 11.130.525, AZJ0102, AZJ3138, AZJ3552

Servicing: BPM, Goldoni, Lombardini, Ruggerini

B+ M10, Length 330.00, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



115472 Starter 12 V, 2.7 kW

Replacing: 11.130.736, 11.131.140, AZJ3258, AZJ3386, IS0250

Servicing: BMW, Deutz-Fahr

B+ M10, Length 315.00, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.20 mm



115535 Starter 12 V, 3.0 kW

Replacing: 11.130.251, 11.130.402, AZJ3109, AZJ3555, IS0402, IS0402

Servicing: Agrifull, VM (Stabilimenti Mec)

B+ M10, Length 342.00, Gear type DD, Mount. holes 2 (0)

A: 82.40 B: 21.50 mm



115537 Starter 24 V, 2.8 kW

Replacing: 11.130.645, 11.131.479, AZJ3211, AZJ3433

Servicing: VM (Stabilimenti Mec)

B+ M10, Length 294.00, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



115697 Starter 12 V, 1.8 kW

Replacing: 11.131.255, AZE2645

Servicing: Ruggerini

B+ M8, Length 238.00, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 28.00 mm



115721 Starter 12 V, 4.2 kW

Replacing: 11.131.145, 11.131.382, AZF4553, AZF4598

Servicing: Case, Doosan, John Deere

B+ M10, Length 321.50, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



NEW PRODUCT
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115722 Starter 12 V, 3.2 kW

Replacing: 11.131.731, AZE4167

Servicing: Landini

B+ M10, Length 277.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 29.00 mm



115776 Starter 24 V, 4.0 kW

Replacing: 11.131.303, 11.131.805, 11.131.849, 11.131.995, 11.132.230, AZF4211, AZF4225, AZF4267, AZF4579

Servicing: GEAX, JCB

B- M8, B+ M10, Length 352.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 20.00 mm



115870 Starter 12 V, 2.1 kW

Manufacturer: Visteon

Replacing: 11.139.424, 11.139.459, AZE2189, AZE2226

Servicing: Ford, Jaguar

B+ M8, Length 256.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 112821

B: 36.00 mm



115875 Starter 24 V, 5.5 kW

Manufacturer: Mitsubishi

Replacing: 11.139.621, AZE4693

Servicing: Renault V.I., Volvo

B+ M10, Length 320.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 114872

A: 92.00 B: 47.00 mm



115887 Starter 24 V, 5.5 kW

Manufacturer: Mitsubishi

Replacing: 11.139.195, AZE6596

Servicing: Volvo

B+ M10, Length 320.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 115593

A: 89.00 B: 47.50 mm



116040 Starter 24 V, 4.0 kW
 Replacing: 11.130.660, AZJ3213
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



116070 Starter 24 V, 4.0 kW
 Replacing: 11.131.335, 11.132.189, AZF4327,
 AZF4588
 Servicing: Agco Power (Sisu diesel), Valtra
 B+ M10, Length 320.50, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



116093 Starter 12 V, 4.0 kW
 Replacing: 11.131.620, 11.131.754, 11.131.769,
 11.132.256, AZF4194, AZF4197, AZF4309, AZF4343
 Servicing: Bomag, Deutz-Fahr, Hyundai, Same
 B+ M10, Length 321.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



116128 5★ Starter 12 V, 3.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.131.109, 11.131.951, AZE4202,
 AZE4535
 Servicing: Atlas Copco, Bomag, Ingersoll-
 Rand, John Deere, KHD, Terex, Thwaites,
 Various Agriculture Vehicles
 B+ M8, Length 287.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 111855
 A: 82.50 B: 23.00 mm



116130 5★ Starter 12 V, 3.1 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.130.739, AZJ3261
 Servicing: John Deere
 B- M10, B+ M10, Length 332.00,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



116132 5★ Starter 24 V, 4.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.131.607, 11.131.863, AZF4156,
 AZF4230
 Servicing: Deutz-Fahr
 B+ M10, Length 324.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 114220
 A: 82.50 B: 23.00 mm



116134 5★ Starter 12 V, 3.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.131.249, AZJ3247, AZJ3405
 Servicing: Balkancar, Chang Feng (Liebao), Dron-
 ningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor
 B- M8, B+ M10, Length 348.00,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 114254
 A: 89.00 B: 48.00 mm



116135 5★ Starter 24 V, 4.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.130.730, AZF4509
 Servicing: Fendt, MAN
 B+ M10, Length 321.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 112446
 A: 89.00 B: 28.00 mm



116136 Starter 12 V, 4.2 kW
 Replacing: 11.131.783, AZF4205
 Servicing: Perkins
 B- M8, B+ M10, Length 345.00,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



116137 5★ Starter 12 V, 2.8 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.130.579, 11.130.624, AZJ3182,
 AZJ3198
 Servicing: Buhner, Ford, Matbro, New Holland
 B- M8, B+ M8, Length 318.50,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 110462
 A: 92.00 B: 21.00 mm



116139 5★ Starter 12 V, 3.0 kW
 Manufacturer: Mahle Letrika
 Replacing: AZJ0402, AZJ3128, AZJ3169,
 AZJ3170, AZJ3508
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer
 B+ M10, Length 311.00, Gear type DD,
 Mount. holes 3 (0)
 Iskra type.
 Alternative no.: 110536
 A: 89.00 B: 28.00 mm



116307 Starter 12 V, 3.2 kW
 Replacing: 11.131.228, 11.131.410,
 11.131.606, 11.131.780, 11.131.946,
 11.131.964, 11.132.035, 11.132.149
 Servicing: JCB, Perkins
 B- M8, B+ M8, Length 299.00,
 Gear type DD/GR, Mount. holes 3 (0)
 Iskra version.
 Alternative no.: 114387 5★
 A: 89.00 B: 28.85 mm



116308 Starter 12 V, 3.2 kW

Replacing: 11.131.077, 11.131.605, 11.131.761, 11.131.781, 11.131.793, 11.131.942, 11.131.947, 11.131.989

Servicing: Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hattat Tarim, Hyundai, Ingersoll-Rand

B- M8, B+ M8, Length 296.50, Gear type GR, Mount. holes 3 (0) Iskra version.

Alternative no.: 114388

A: 89.00 B: 29.50 mm



NEW PRODUCT
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116326 Starter 12 V, 3.6 kW

Replacing: 11.130.320, 11.139.038, AZK5133

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, Length 312.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 110449

A: 89.00 B: 47.50 mm



116379 Starter 12 V, 3.2 kW

Replacing: 11.131.108, 11.131.833, AZE4185, AZE4534

Servicing: Atlas Copco, John Deere

B+ M10, Length 321.00, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 34.00 mm



116458 Starter 12 V, 2.0 kW

Replacing: 11.130.923, 11.131.528, AZE2606, AZE2663

Servicing: Hatz

B+ M8, Length 233.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 113982

A: 82.50 B: 40.50 mm



116461 Starter 12 V, 2.7 kW

Replacing: 11.130.671, AZJ3220

Servicing: Steyr

B+ M10, Length 340.50, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 20.50 mm

NEW PRODUCT
www.hc-cargo.com

116491* Starter 12 V, 4.0 kW

Replacing: 11.132.114, 11.132.365, AZF4302, AZF4371

Servicing: KHD

Gear type GR, Mount. holes 3 (0)

NEW PRODUCT
www.hc-cargo.com

116498* Starter 24 V, 5.5 kW

Replacing: 11.131.104, 11.131.214, AZF4617

Servicing: Belarus

Gear type GR



116510 Starter 12 V, 3.6 kW

Replacing: 11.139.093, 11.139.540, AZK5581

Servicing: Various Industrial applications

B- M10, B+ M10, Length 386.00, Gear type DD, Mount. holes 0 (0)

B: 37.00 mm



116535 Starter 12 V, 3.0 kW

Replacing: 11.131.318, 11.131.823, 11.131.855, AZF4218, AZF4227, AZF4582

Servicing: Agrofex, Agrometer, Agtec, Atlas Copco, Bobcat, Case IH, Claas, Cummins, Hitachi, Ingersoll-Rand

B+ M10, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 34.00 mm



116556 Starter 12 V, 1.1 kW

Replacing: 11.131.002, AZE2617

Servicing: BCS, Bertolini, Ferrari, Goldoni, Lombardini, Piaggio, Valpadana

B+ M8, Length 220.50, Gear type GR, Mount. holes 2 (0)

Alternative no.: 112171

A: 76.00 B: 28.00 mm



NEW PRODUCT
www.hc-cargo.com

116560 Starter 24 V, 7.5 kW

Replacing: 11.139.182, AZG4879

Servicing: Mercedes-Benz, Setra

B+ M10, Length 347.50, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm



116596 Starter 12 V, 3.2 kW

Replacing: 11.131.957, AZE4205

Servicing: Zetor

B+ M10, Length 285.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



116672 Starter 12 V, 4.0 kW
 Replacing: 11.131.686, 11.131.864,
 11.132.138, AZF4178, AZF4231, AZF4310
 Servicing: Fendt
 Mount. holes 3 (0)
 Alternative no.: 114475

NEW PRODUCT
www.hc-cargo.com

116688* Starter 24 V, 5.0 kW
 Replacing: 11.139.213, AZE4703
 Servicing: Volvo
 Gear type GR, Mount. holes 3 (0)

NEW PRODUCT
www.hc-cargo.com

116689* Starter 24 V, 5.5 kW
 Replacing: 11.139.190, AZF4902
 Servicing: MAN, Temsa
 Gear type GR, Mount. holes 3 (0)



116690 Starter 24 V, 4.8 kW
 Replacing: 11.130.003, 11.130.030,
 11.130.672, AZJ0602, AZJ3221
 Servicing: Bosch, KHD
 B+ M10, Length 358.00, Gear type DD,
 Mount. holes 3 (0)
 Alternative no.: 112651
 A: 89.00 B: 49.00 mm

NEW PRODUCT
www.hc-cargo.com

116711 Starter 24 V, 4.0 kW
 Replacing: 11.131.266, 11.131.357,
 11.132.302, 11.132.561, AZF4360, AZF4413,
 AZF4575, AZF4593
 Servicing: Cummins, John Deere
 Mount. holes 3 (0), Insulated return Yes

NEW PRODUCT
www.hc-cargo.com

116712 Starter 12 V, 4.2 kW
 Replacing: 11.131.356, 11.131.723, 116712,
 AZF4187, AZF4592
 Servicing: Cummins, John Deere
 Mount. holes 3 (0), Insulated return Yes

NEW PRODUCT
www.hc-cargo.com

116763* Starter 12 V, 2.3 kW
 Replacing: 11131718
 Servicing: Steyr
 Gear type GR, Mount. holes 2 (0)



110352 Starter 12 V, 1.3 kW

Replacing: 2100-3708000, 2101-3708000, 2101370800002, 21053708010, 2105-3708010, 21213-3708010, 221-3708000

Servicing: Fiat, Lada

B+ M8, Length 201.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (3)

A: 82.50 B: 22.50 mm



111070 Starter 12 V, 1.7 kW

Replacing: 212153708010

Servicing: Citroen, DS, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

B+ M8, Length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -6.50 mm



112304 Starter 12 V, 1.4 kW

Replacing: 211003708010002, 21100370801002, 2110-3708010, 2110370801003, 21110370801003, 5702.3708

Servicing: Lada

B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 35.00 mm



116448 Starter 12 V, 0.6 kW

Replacing: 21163-0714, 21163-0749, 21163-7034

Servicing: Cub Cadet

B+ 1/4" UNC, Length 178.00, Gear type DD, Mount. holes 2 (2)

B: 25.00 mm



110590 Starter 12 V, 2.8 kW

Replacing: M0014502ME

Servicing: Bobcat, Perkins

B+ M10, Length 339.00, Drive type Steel,

Gear type GR, Clutch type Dry,

Mount. holes 3 (0), Waterproof

Replacing: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm



111221 Starter 12 V, 2.5 kW

Replacing: 35259580

Servicing: Bobcat, Clark, John Deere

B+ M10, 15a M5, Length 340.00,

Drive type Steel, Gear type GR,

Clutch type Dry, Mount. holes 2 (0)

Replacing: 28MT.

A: 82.50 B: 33.00 mm



110315 Starter 12 V, 0.9 kW

Replacing: 61924101

Servicing: Dodge, Hyundai, Kia, Mitsubishi, Plymouth, Proton

B+ M8, Length 208.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 77.00 B: 18.40 mm



110336 Starter 12 V, 0.75 kW

Replacing: 25204, 25204A, 25204E, 25204H, 25204L, 25205, 25205A, 25205J, 25205L, 25208, 25208A, 25208E, 25249

Servicing: Ford, Mercury, Triumph

B+ M8, 15a M5, Length 243.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm



110363 Starter 12 V, 0.7 kW

Replacing: 25257, 25257A, 25257D, 25286, 25286A, 25286D

Servicing: BMW, Porsche, VW

B+ M8, Length 214.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0) Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm



110368 Starter 12 V, 2.3 kW

Replacing: 26025016A

Servicing: Audi, Mercedes-Benz, Volvo

B+ M10, Length 289.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.50 B: 21.00 mm



110421 Starter 12 V, 0.8 kW

Replacing: 26925240A

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles

B+ M8, Length 194.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0) Alternative no.: 111475

A: 66.00 B: 16.00 mm



110438 Starter 12 V, 2.1 kW

Replacing: 26193, 26193A, 26193D, 26288, 26288A, 26288E, 26288F, 26925188A, 26925188D, 27420, 27420A, 27420B

Servicing: Case, Payloader

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 19.50 mm



110439 Starter 12 V, 2.0 kW

Replacing: 26145, 26145A, 26145F, 26145H, 26145N, 26154, 26154A, 26154H, 26154J, 26154L, 26154M, 26154N, 26186

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 25.00 mm



110440 Starter 12 V, 2.1 kW

Replacing: 26025198A, 26256, 26259, 26259A, 26259K, 26259L, 26259N, 26321, 26321A, 26321B, 26321D, 26321F

Servicing: Land Rover

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 91.90 B: 19.00 mm



110441# Starter 12 V, 2.1 kW

Replacing: 25024044A, 26925200A, 27425, 27425A, 27425B, 27460, 27460A, 27460B, NSB512

Servicing: Land Rover

B+ M8, Length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm



110442 Starter 12 V, 2.1 kW

Replacing: 26025128A, 26151, 26151A, 26151F, 26151H, 26151N, 26196, 26198, 26198A, 26271, 26281, 26281A

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 30.00 mm



110443 Starter 12 V, 2.1 kW

Replacing: 26148, 26148A, 26148F, 26148H, 26148N, 26196A, 26196B, 26283, 26283A, 26283F, 26283H, 26283J

Servicing: Austin, Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm



110444 Starter 12 V, 2.1 kW

Replacing: 26371, 26371A, 26371D, 26371E, 26371F, 26400, 26400A, 26400B, 26400D, 27431, 27431A, 27431B

Servicing: LDV

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.80 B: 23.50 mm


110459[#] Starter 12 V, 2.8 kW

Replacing: 26349, 26349A, 26349B, 26349D, 26349H, 26416, 26416A, 26416D, 26416E, 26420, 27443, 27543, 27543A

Servicing: Bedford

B+ M8, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


110460 Starter 12 V, 2.8 kW

Replacing: 26295A, 26295B, 26295D, 26295E, 26295F, 26295M, 26358A, 26358B, 26358H, 26374, 26408, 26408A

Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson

B+ M8, Length 307.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


110461 Starter 12 V, 2.8 kW

Replacing: 26355, 26356, 26388, 26407, 27501, 27501A, 27501B, 27501E, 27531, 27567, 27577, 27577A, NSB521

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


110462 Starter 12 V, 2.8 kW

Replacing: 26137, 26147, 26147A, 26147H, 26147J, 26147M, 26189, 26189A, 26189F, 26211, 26211A, 26211A/L

Servicing: Buhner, Case, Case IH, Fiat-Allis, Ford, Manitou, Matbro, New Holland, Terex

B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0)
4 KW: HC-CARGO 115391.

Alternative no.: 116137

A: 92.00 B: 20.00 mm


110464 Starter 12 V, 2.1 kW

Replacing: 26153, 26153A, 26153H, 26153J, 26153N, 26166, 26166A, 26166D, 26166E, 26166L, 26286, 26286A, 26286E

Servicing: Carbodyes, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, Length 336.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


110465 Starter 12 V, 2.8 kW

Replacing: 26265, 26311, 26341, 26341B, 26341D, 26341J, 26342B, 26342L, 26360, 26431, 26431A, 26431B, 27511

Servicing: Ford

B- M8, B+ M8, Length 320.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


110512 Starter 24 V, 5.4 kW

Replacing: 22615

Servicing: Agco, Agco Allis, Ahlmann, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Irmer

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110518 Starter 24 V, 4.0 kW

Replacing: 61924031

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110521 Starter 24 V, 4.0 kW

Replacing: 63216731010

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110523 Starter 24 V, 4.0 kW

Replacing: 26025117A, 61924051

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


110524 Starter 24 V, 4.0 kW

Replacing: 26025136A

Servicing: Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110525 Starter 12 V, 3.0 kW

Replacing: 26417

Servicing: Claas, Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110536 Starter 12 V, 2.7 kW

Replacing: 61924050

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer

B+ M10, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0) Magnetron.

Alternative no.: 116086

A: 89.00 B: 28.00 mm



110545 Starter 12 V, 3.0 kW

Replacing: 26242, 26284, 26284E, 26342, 26342A, 26342D, 26342K, 26432, 27512, 27512A, 27512D, 27512F, 27587

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110565 Starter 12 V, 2.8 kW

Replacing: 26274, 26323, 26323A, 26341A, 26345, 26345A, 26345B, 26345D, 26345E, 26345J, 26366, 26366A, 26366F

Servicing: Eicher, Massey Ferguson

B- M8, B+ M8, Length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm



110615 Starter 12 V, 2.8 kW

Replacing: 26025009B, 26256963, 26294, 26357D, 26925316A, 26925316B, 27506, 27506A, 27506D, 27518, 27518A

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, Bobcat, Caterpillar, Gehl, Hako, JCB

B- M8, B+ M8, Length 312.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)

HC-CARGO 115393 4.0 kW. Alternative HC-CARGO 113534.

Alternative no.: 113534

A: 89.00 B: 29.50 mm



110640 Starter 12 V, 3.0 kW

Replacing: 26394, 27440, 27440A, 27440B

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

B+ M10, Length 339.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.00 mm



110809 Starter 12 V, 2.0 kW

Replacing: 61924100

Servicing: Dodge, Hyundai, Mitsubishi, Proton

B+ M8, Length 241.45, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 3.00 mm



110813 Starter 12 V, 2.7 kW

Replacing: 26290, 26390, 26390A, 26390B, 26390E, 61924015, 61924066, S0850

Servicing: Agrifull, Allis Chalmers, BENFRA, Case, Case IH, Fiat, Fiat-Allis, Ford, Goldoni, Iveco

B+ M10, Length 294.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



110814 Starter 12 V, 2.7 kW

Replacing: 27401

Servicing: Alfa Romeo, BENFRA, Fiat, Iveco, Lancia, Massey Ferguson, Renault

B+ M10, Length 296.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.80 mm



110817 Starter 12 V, 2.1 kW

Replacing: 26285, 26285A, 26285E, 26285F, 26310, 26310A, 26310D, 26310E, 26310F, 26310H, 27424, 27424A, 27424B

Servicing: DAF, Various Agriculture Vehicles

B+ M8, Length 315.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 25.00 mm



110818 Starter 12 V, 2.1 kW

Replacing: 26071, 26071H, 26071J, 26133, 26143, 26143A, 26143B, 26143H, 26143J, 26143K, 26143L, 26143M, 26143N

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, 15a 6.30, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 24.60 mm



110819 Starter 12 V, 2.8 kW

Replacing: 26273, 26344, 26365, 26411, 26411A, 26411B, 27522, 27522A, 27522D, 27540, 27540A, 27540H, 27546

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, Length 311.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 23.00 mm


110831 Starter 12 V, 0.8 kW

Replacing: 25206, 25206J, 25206T, 25250, 25250A, 25250D, 25250J, 25255, 25255A, 25255D, 25255H, 25276, 25276A

Servicing: Ford

B+ M8, Length 258.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 31.00 mm


110842 Starter 12 V, 1.4 kW

Replacing: 26805

Servicing: Ford, Merkur, VW

B+ M8, Length 243.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 5.00 mm


110867 Starter 12 V, 1.7 kW

Replacing: 26913, 26914, 26914A, 26914F, 26935, 26935D, 26941, 26942

Servicing: Audi, Ford, Mazda

B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 14.25 mm


111102 Starter 12 V, 0.8 kW

Manufacturer: Lucas

Replacing: 25071, 25075, 25083, 25083A, 25083E, 25083F, 25083H, 25083J, 25083X, 25089, 25105, 25105A, 25105B

Servicing: Austin, Lotus, MG, Plymouth, Triumph, Vauxhall

B+ M7, Length 310.80, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 88.85 B: 45.00 mm


111103 Starter 12 V, 0.8 kW

Manufacturer: Lucas

Replacing: 25016, 25022, 25022F, 25022Q, 25022R, 25024, 25041, 25061, 25061D, 25062, 25063, 25065, 25079

Servicing: Hillman, MG, Morris, Triumph, Various Agriculture Vehicles, Vauxhall

B+ M8, Length 321.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.80 B: 45.00 mm


111131 Starter 12 V, 0.8 kW

Replacing: 26587, 26600, 26601, 26678, 26679, 27005, 27006, 27014

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm


111303 Starter 12 V, 0.8 kW

Replacing: 26667, 26814, 26814A, 26814B, 26814D, 27022, 27043, 27047

Servicing: Nissan

B+ M8, Length 185.15, Drive type Steel, Gear type DD/GR, Mount. holes 2 (1)

A: 69.95 B: 11.15 mm


111310 Starter 12 V, 0.8 kW

Replacing: 26925159A, 26925159B, 26925159E

Servicing: Chevrolet, GEO, Pontiac, Subaru, Suzuki

B+ M8, Length 206.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 6.00 mm


111346 Starter 12 V, 2.8 kW

Replacing: 26298D, 26414, 26414A, 26414E, 26925196A, 27541, 27541A, 27541D, 27547, 27565, 27565B, 27565D

Servicing: Massey Ferguson

B+ M8, Length 314.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


111385# Starter 12 V, 0.6 kW

Manufacturer: Lucas

Replacing: 26251048

Servicing: Suzuki

B+ M8, 15a 6.30, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 64.85 B: 27.00 mm


111573 Starter 12 V, 2.8 kW

Replacing: 26246, 26246A, 26246E, 26246L, 26246M, 26304, 26304A, 26304B, 26304D, 26343, 26343A, 26343B, 26343D

Servicing: Avia, JCB, TCM, Various Agriculture Vehicles

B+ M8, Length 311.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)

A: 101.00 B: 25.50 mm


111574 Starter 12 V, 2.8 kW

Replacing: 26025110A, 27564, 27564A, 27564F, 27595

Servicing: ERF, LDV International, Various Agriculture Vehicles

B+ M8, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.75 B: 47.15 mm



111608 Starter 12 V, 1.4 kW
 Replacing: 26813, 26834, 26841, 26845
 Servicing: Infiniti, Nissan
 B+ M8, Length 216.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.25 B: 43.00 mm



111737 5★ Starter 12 V, 2.8 kW
 Manufacturer: Lucas
 Replacing: 26294A, 26294B, 26294D, 26294E,
 26294F, 26294N, 26294Q, 26357, 26357A,
 26357B, 26357E, 26357R
 Servicing: Atlas Copco, Bedford, Fiat-Allis,
 Massey Ferguson, Perkins, Sampo-Rosenlew
 B+ M8, Length 314.75, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (0)
 A: 89.00 B: 28.50 mm



111750 Starter 12 V, 1.4 kW
 Replacing: 26689
 Servicing: Ford
 B+ M8, 15a M5, Length 208.50,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (3)
 A: 76.00 B: 13.50 mm



111865 Starter 12 V, 1.7 kW
 Replacing: 25681, 25681A, 25681D, 25696, 25696A,
 25696E, 25696H, 25696J, 25696L, 26267, 26801
 Servicing: Lancia, Land Rover
 B+ M8, Length 268.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 73.00 B: 39.00 mm



112124 Starter 12 V, 0.9 kW
 Replacing: NSB132
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (3)
 A: 64.10 B: 11.00 mm



112136 Starter 12 V, 2.8 kW
 Replacing: 26398, 26398A, 26398F, 26398H,
 27533, 27533A, 27533E
 Servicing: Massey Ferguson
 B+ M8, Length 340.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.75 B: 48.30 mm



112232 5★ Starter 12 V, 2.4 kW
 Manufacturer: Lucas
 Replacing: 26925202B
 Servicing: Mercruiser, OMC, Thermo King,
 Volvo Penta
 B+ M10, 15a M5, Length 320.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 Replacing: 10MT.
 A: 82.00 B: 46.00 mm



112251 Starter 12 V, 2.3 kW
 Replacing: 27501A, 27501B, 27501E
 Servicing: Ford, LDV
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 91.90 B: 20.50 mm



112277 5★ Starter 12 V, 1.8 kW
 Manufacturer: Valeo
 Replacing: 26920, 26920A, 26920E,
 47920141, 47920166, 54292967
 Servicing: Perkins
 B- M6, B+ M8, Length 261.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0), Insulated return Yes
 Alternative no.: 114650
 A: 89.00 B: 30.00 mm



112290 Starter 12 V, 2.2 kW
 Replacing: 26914
 Servicing: Ford, Mazda
 B+ M8, Length 259.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 76.00 B: 15.00 mm



112390 5★ Starter 12 V, 1.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 25219, 25219K, 26631, 27018, 66925191
 Servicing: Lister
 B+ M8, 15a 4.70, Length 210.00,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



112660 Starter 12 V, 2.8 kW
 Replacing: 26336, 26428, 26428A, 26433,
 26925262B, 27508, 27508A, 27508B, 27508D,
 27556, 27575, 27586, 27604
 Servicing: Case, Cummins, Massey Ferguson,
 New Holland
 B+ M10, Length 333.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm


112670 Starter 24 V, 4.0 kW

Replacing: 27309, 27309A, 27309E, 27311, 27311A, 27311E, 27311H, 27315, 27315A, 27315B, 27315E

Servicing: DAF, Hanomag, Mercedes-Benz, Perkins

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 28.50 mm


113346 Starter 12 V, 0.8 kW

Replacing: 26660, 26690, 26693, 26694, 27034

Servicing: MG, Rover, VW

B+ M8, Length 210.50, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)

A: 67.00 B: 41.00 mm


113380 Starter 12 V, 2.8 kW

Replacing: 26305, 26305A, 26305B, 26305D, 26305H, 26305J, 26305N, 26312, 26329, 26329A, 26329B, 26329D, 26329K

Servicing: Ford

B- M8, B+ M8, Length 311.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Terminal 50 is where the wire needs to be soldered.

A: 91.80 B: 20.00 mm


113381 Starter 12 V, 2.5 kW

Replacing: 27430, 27430A, 27430B

Servicing: Farymann, Fiat, Fiat-Allis, Goldoni

B- M8, B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 109.70 B: 26.00 mm


113478 Starter 12 V, 2.5 kW

Replacing: 26024033A

Servicing: Atlas Copco, John Deere

B+ M10, Length 254.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0), Oil sealed

A: 82.50 B: 35.00 mm


113484 Starter 24 V, 4.0 kW

Replacing: 27305

Servicing: Sisu, Valtra

B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm


113745 Starter 12 V, 1.4 kW

Replacing: 25692, 25692A, 25692F, 25692H, 25692J, 25755, 25755A, 25756, 25756A

Servicing: Jaguar

B+ M8, 15a M4, Length 267.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 89.00 B: 26.70 mm


113752 Starter 12 V, 1.8 kW

Replacing: 26943, 26945, 26946

Servicing: Fiat

B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 23.50 mm


114650 Starter 12 V, 1.8 kW

Replacing: 25372, 25372A, 26295, 26358, 27503

Servicing: Perkins

B+ M8, Length 311.00, Drive type Steel, Gear type GR, Mount. holes 3 (0), Insulated return No

Not Insulated return. Not Insulated return.

A: 88.90 B: 30.00 mm


114713 Starter 12 V, 2.2 kW

Replacing: 26215, 26215A, 26215E, 26215F, 26215H, 26301

Servicing: Case, Massey Ferguson

B+ M8, Length 300.00, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 27.00 mm


114730 Starter 12 V, 2.1 kW

Replacing: 26275, 27412, 27477A

Servicing: Various Agriculture Vehicles, Various Industrial applications

B- M8, B+ M8, Length 317.00, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 28.50 mm


114821 Starter 12 V, 0.9 kW

Manufacturer: Valeo

Replacing: 26024242A

Servicing: Hyundai, Kia

B+ M8, Length 185.00, Gear type DD, Mount. holes 2 (2)

A: 75.00 B: 15.00 mm

NEW PRODUCT

www.hc-cargo.com
115404* Starter 12 V, 3.0 kW

Replasing: 26024101A

Gear type DD, Mount. holes 3 (0)


115572 Starter 12 V, 2.1 kW

Replasing: 26270, 27410

Servicing: Lister

B- 1/4" UNC, B+ M8, 15a 6.30,
Length 307.00, Gear type DD,
Mount. holes 3 (0)

A: 92.00 B: 23.50 mm


116137  Starter 12 V, 2.8 kW

Manufacturer: Mahle Letrika

Replasing: 26137, 26147, 26147A, 26147H,
26147J, 26147M, 26189, 26189A, 26189F,
26211, 26211A, 26211A/L

Servicing: Buhner, Ford, Matbro, New Holland

B- M8, B+ M8, Length 318.50,
Gear type DD, Mount. holes 3 (0)

Alternative no.: 110462

A: 92.00 B: 21.00 mm


116139  Starter 12 V, 3.0 kW

Manufacturer: Mahle Letrika

Replasing: 61924050

Servicing: ABG, Atlas Copco, Bobcat, Bomag,
Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
Iveco, KHD, Kramer

B+ M10, Length 311.00, Gear type DD,
Mount. holes 3 (0)

Iskra type.

Alternative no.: 110536

A: 89.00 B: 28.00 mm



NEW PRODUCT

www.hc-cargo.com
116249 Starter 12 V, 0.8 kW

Replasing: 20489007, 26024461, 26024461A

Servicing: Hyundai, Kia



110213 Starter 24 V, 6.6 kW
 Replacing: 63226301, 63226391
 Servicing: Fiat, Iveco
 B- M10, B+ M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 115.00 B: 20.80 mm



110352 Starter 12 V, 1.3 kW
 Replacing: 63222405, 63222408, 63222435,
 63222436, 63222438, 63222506, E100-
 1.3/12V8
 Servicing: Fiat, Lada
 B+ M8, Length 201.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (3)
 A: 82.50 B: 22.50 mm



110365 Starter 12 V, 0.8 kW
 Replacing: 30180246, 63220537, 63220703,
 63220713, 63220723, 63220733, 63220743,
 63221832, 63221892
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110396 Starter 12 V, 1.4 kW
 Replacing: 943254024010, 943254024010
 Servicing: Toyota
 B+ M8, Length 189.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm



110440 Starter 12 V, 2.1 kW
 Replacing: 63227468
 Servicing: Land Rover
 B+ M8, Length 309.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 91.90 B: 19.00 mm



110442 Starter 12 V, 2.1 kW
 Replacing: 2707130, 63227479
 Servicing: Balkancar, Conveyancer, Massey
 Ferguson, Matbro
 B+ M8, Length 309.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.90 B: 30.00 mm



110461 Starter 12 V, 2.8 kW
 Replacing: 63227501
 Servicing: Ford, Lancer Boss, Various Agricul-
 ture Vehicles
 B+ M8, 30h M5, Length 272.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



110462 Starter 12 V, 2.8 kW
 Replacing: 63227569
 Servicing: Buhner, Case, Case IH, Fiat-Allis,
 Ford, Manitou, Matbro, New Holland, Terex
 B+ M8, Length 319.45, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115391.
 Alternative no.: 116137 ★
 A: 92.00 B: 20.00 mm



110464 Starter 12 V, 2.1 kW
 Replacing: 63227489
 Servicing: Carbodyes, DAF, Lancer Boss, Vari-
 ous Agriculture Vehicles
 B+ M8, Length 336.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



110517 Starter 24 V, 3.2 kW
 Replacing: 30281018, 63217201, 63217225,
 63217226, MT67AB, MT67AD, MT72A,
 MT72AA, MT72AB, 63216731
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 295.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110518 Starter 24 V, 4.0 kW
 Replacing: 30281020, 63216703, 63216740,
 63216741, MT67C, MT67CA, MT67CB,
 63216731
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110519 Starter 12 V, 3.0 kW
 Replacing: 4737758, 4755112, 63216802,
 63216833, 63217116, MT68B, MT68BA,
 63217154
 Servicing: Fiat, Iveco, Volvo
 B+ M10, Length 340.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110520 Starter 24 V, 4.0 kW

Replacing: 30281017, 30281027, 63214308, 63214333, 63214371, 63216702, 63216733, MT43HA, MT67B, MT67BA

Servicing: Cummins, Fiat, Fiat-Allis, Renault
B+ M10, Length 343.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm



110521 Starter 24 V, 4.0 kW

Replacing: 063216731010, 30281003, 30281004, 30281013, 63216701, 63216704, 63216725, 63216726, 63216727

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
B+ M10, Length 343.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



110522 Starter 12 V, 3.0 kW

Replacing: 4755110, 63216873, 63216896, 63216898, MT68L, MT68LA, MT68LB, MT68LC

Servicing: Fiat, Fiat-Allis, Iveco, New Holland
B+ M10, Length 341.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm



110524 Starter 24 V, 4.0 kW

Replacing: 063206704010, 63206704

Servicing: Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110529 Starter 12 V, 3.0 kW

Replacing: 063216827010, 063216831010, 30380301, 63213815, 63216800, 63216825, 63216826, 63216827, 63216831

Servicing: Agrifull, BENFRA, Case IH, Fiat, Fiat-Allis, Iveco, Lister-Petter, New Holland, Terex

B+ M10, Length 340.50, Drive type Steel,
Gear type DD, Mount. holes 3 (0)
Gear reduction HC-Cargo 113182

A: 110.00 B: 27.00 mm



110530 Starter 12 V, 3.0 kW

Replacing: 063216876010, 63216814, 63216876, 63216884, 63217138, MT68P, MT68PA, MT68PB, MT71F

Servicing: Huerlimann, Lamborghini, Same

B+ M10, Length 342.00, Drive type Steel,
Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 22.00 mm



110536 Starter 12 V, 2.7 kW

Replacing: MT68T, MT74G

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer

B+ M10, Length 234.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)
Magnetron.

Alternative no.: 116086

A: 89.00 B: 28.00 mm



110545 Starter 12 V, 3.0 kW

Replacing: 63227512

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Length 335.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110565 Starter 12 V, 2.8 kW

Replacing: 63227479, MT68S

Servicing: Eicher, Massey Ferguson

B- M8, B+ M8, Length 313.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm



110585 Starter 12 V, 1.2 kW

Replacing: 63291405

Servicing: Renault, Volvo

B+ M8, Length 214.15, Drive type Steel,
Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm



110615 Starter 12 V, 2.8 kW

Replacing: 54293284, 63227478, 63227486, 63227518, 63227520, 63227585, 63227588, 63227596, 63296357, 943226366

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, Bobcat, Caterpillar, Gehl, Hako, JCB

B- M8, B+ M8, Length 312.25,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

HC-CARGO 115393 4.0 kW. Alternative HC-CARGO 113534.

Alternative no.: 113534

A: 89.00 B: 29.50 mm



110640 Starter 12 V, 3.0 kW
 Replacing: MT71Z
 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long
 B+ M10, Length 339.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.00 mm



110813 Starter 12 V, 2.7 kW
 Replacing: 30380319, 63217101, 63217125,
 63217126, 63522235, MT71A, MT71AA,
 MT71AB, MT71AC
 Servicing: Agrifull, Allis Chalmers, BENFRA, Case,
 Case IH, Fiat, Fiat-Allis, Ford, Goldoni, Iveco
 B+ M10, Length 294.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110814 Starter 12 V, 2.7 kW
 Replacing: 30180309, 63217104, 63217147,
 63217148, 94317148, MT71D, MT71DA,
 MT71DB
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco,
 Lancia, Massey Ferguson, Renault
 B+ M10, Length 296.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.80 mm



110818 Starter 12 V, 2.1 kW
 Replacing: 63226845, 63227413, 63227528
 Servicing: Case, Fiat-Allis, Massey Ferguson
 B+ M8, 15a 6.30, Length 309.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 24.60 mm



110819 Starter 12 V, 2.8 kW
 Replacing: 27522, 27540, 27571, 27593A,
 63227470, 63227480, 63227488
 Servicing: Eicher, Massey Ferguson, Perkins
 B+ M8, Length 311.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 23.00 mm



110867 Starter 12 V, 1.7 kW
 Replacing: 63226942, 63253020
 Servicing: Audi, Ford, Mazda
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 14.25 mm



111001 Starter 12 V, 3.0 kW
 Replacing: 63216816, MT56A, MT68R,
 MT68RA
 Servicing: Lamborghini, Same, Steyr
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.00 B: 21.60 mm



111010 Starter 12 V, 1.4 kW
 Replacing: 50246218, 63223434
 Servicing: Audi, Ford, VW
 B+ M8, 15a 6.30, Length 243.25,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (1)
 A: 82.50 B: 20.80 mm



111015 Starter 12 V, 1.1 kW
 Replacing: 63521070
 Servicing: Lombardini, Various Agriculture
 Vehicles
 B+ M8, Length 209.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 76.20 B: 15.00 mm



111025 Starter 12 V, 0.8 kW
 Replacing: 63221800, 63221830, 63221890
 Servicing: Autobianchi, Fiat, Lancia
 B+ M8, Length 209.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (2)
 A: 64.00 B: 11.00 mm



111131 Starter 12 V, 0.8 kW
 Replacing: 63227014, 63253010, 943251688,
 063227014010
 Servicing: Austin, Ford, Mazda, Rover
 B+ M8, Length 208.75, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 76.15 B: 13.45 mm



111217 Starter 12 V, 3.0 kW
 Replacing: MT38M, MT38R, MT38RA
 Servicing: Volvo, Volvo BM
 B- M10, B+ M10, Length 386.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111251 Starter 12 V, 1.1 kW
 Replacing: 943251489010, 943251489010
 Servicing: Renault, Volvo
 B+ M8, Length 208.20, Drive type Steel,
 Gear type GR, Mount. holes 4 (4) *Short version HC-CARGO 115442.*
 A: 66.00 B: -2.00 mm



111284 Starter 12 V, 2.5 kW
 Replacing: 063217163010, 63217106,
 63217163
 Servicing: Lamborghini, Sabb, Various Agri-
 culture Vehicles
 B+ M10, Length 296.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



111303 Starter 12 V, 0.8 kW
 Replacing: 63227051, 063226845010,
 063227051010
 Servicing: Nissan
 B+ M8, Length 185.15, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (1)
 A: 69.95 B: 11.15 mm



111310 Starter 12 V, 0.8 kW
 Replacing: 63103019
 Servicing: Chevrolet, GEO, Pontiac, Subaru,
 Suzuki
 B+ M8, Length 206.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 75.00 B: 6.00 mm



111346 Starter 12 V, 2.8 kW
 Replacing: 63227479, 63227541, 63227565,
 63227568, 63227590, 63227598, 63227599
 Servicing: Massey Ferguson
 B+ M8, Length 314.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



111347 Starter 12 V, 1.2 kW
 Replacing: 63111023, 63111043
 Servicing: Daewoo, Mercedes-Benz, Ssangyong, VW
 B+ M8, Length 219.80, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 25.00 mm



111400 Starter 12 V, 1.4 kW
 Replacing: 63223433
 Servicing: BMW
 B+ M8, 30h M5, Length 246.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 22.00 mm



111420 Starter 12 V, 0.9 kW
 Replacing: 63102003, 63222904
 Servicing: Fiat
 B+ M8, Length 205.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (1)
 A: 64.00 B: 10.50 mm



111422 Starter 12 V, 0.8 kW
 Replacing: 63101002, 63222888,
 63222889, 63222890, 63222936, 63223200,
 063101015010
 Servicing: Fiat, Lancia
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (1)
 A: 64.00 B: 11.50 mm



111585 Starter 12 V, 0.8 kW
 Replacing: 63222836, 63222837, 63222897,
 63222905, 63222908
 Servicing: Fiat, Lancia
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 61.90 B: 13.00 mm



111685 Starter 12 V, 1.4 kW
 Replacing: 63111005, 63111007, 63223730
 Servicing: Alfa Romeo, Fiat, Lancia
 B+ M8, Length 211.80, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 65.90 B: 10.80 mm



111693 Starter 12 V, 2.5 kW
 Replacing: 63217410, MT74L
 Servicing: Fiat, Iveco, Multicar
 B+ M10, Length 295.65, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (1)
 A: 110.00 B: 27.00 mm



111750 Starter 12 V, 1.4 kW
 Replacing: 63226689
 Servicing: Ford
 B+ M8, 15a M5, Length 208.50,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (3)
 A: 76.00 B: 13.50 mm



111755 Starter 12 V, 3.0 kW
 Replacing: 063206834010, 63206834,
 063206834010
 Servicing: John Deere
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.00 B: 34.00 mm



111865 Starter 12 V, 1.7 kW
 Replacing: 63226801
 Servicing: Lancia, Land Rover
 B+ M8, Length 268.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 73.00 B: 39.00 mm



111906 Starter 12 V, 1.1 kW
 Replacing: 63280010
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 214.35, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.20 B: 26.35 mm



111911 Starter 12 V, 1.4 kW
 Replacing: 63111006, 63223537, 63280070,
 63293537
 Servicing: Bertolini, BMW, Ford, Porsche,
 Various Agriculture Vehicles
 B+ M8, 30h M5, Length 231.50,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (2)
 A: 76.00 B: 20.50 mm



112026 Starter 12 V, 2.6 kW
 Replacing: 063114014010, 63114014,
 063114014010
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 276.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 81.50 B: 23.00 mm



112034 Starter 12 V, 1.7 kW
 Replacing: 63221405, 63221435
 Servicing: ACME, Arona, BCS, Ferrari, Gol-
 doni, Hatz, Lombardini, Mosa, Ruggerini
 B+ M8, Length 233.30, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 27.00 mm



112039 Starter 12 V, 2.7 kW
 Replacing: 63217158, MT71GB
 Servicing: Fendt, Jenbacher Werke, KHD,
 Lombardini
 B+ M10, Length 298.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



112124 Starter 12 V, 0.9 kW
 Replacing: 063103002010, 063103007010,
 50246648, 63103002, 63103007, 63103022,
 63222831, 63222833, 63223001
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (3)
 A: 64.10 B: 11.00 mm



112136 Starter 12 V, 2.8 kW
 Replacing: 63227601
 Servicing: Massey Ferguson
 B+ M8, Length 340.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.75 B: 48.30 mm



112171 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: 63221435
 Servicing: BCS, Bertolini, Ferrari, Goldoni,
 Lombardini, Piaggio, Valpadana
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 Alternative no.: 116556
 A: 76.00 B: 28.00 mm



112172 Starter 12 V, 1.6 kW
 Replacing: 63223209
 Servicing: Arona, Audi, BMW, Ferrari, Lom-
 bardini, Mosa
 B+ M8, 30h M5, Length 267.50,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 28.00 mm


112173 Starter 12 V, 2.7 kW

Replacng: MT41A

Servicing: Bertolini, BMW, Hatz, VM (Stabili-
menti Mec)

B+ M10, Length 342.50, Drive type Steel,
Gear type DD, Clutch type Dry,
Mount. holes 2 (0)

A: 82.50 B: 20.00 mm


112235 Starter 12 V, 1.4 kW

Replacng: 63280001, 63280005,
063227004010

Servicing: Ford, Mazda, Mercury

B+ M8, Length 225.00, Drive type Steel,
Gear type GR, Mount. holes 3 (2)

A: 76.10 B: 13.00 mm


112249 Starter 12 V, 2.7 kW

Replacng: 63217116, MT71RB, MT74BA

Servicing: Mercedes-Benz, Various Agricul-
ture Vehicles

B+ M10, Length 295.00, Drive type Steel,
Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 21.50 mm


112267 Starter 12 V, 2.5 kW

Replacng: 63227564

Servicing: Bobcat, Cummins, Ford

B+ M10, Length 339.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0), Oil sealed

A: 89.00 B: 46.50 mm


112277 5★ Starter 12 V, 1.8 kW

Manufacturer: Valeo

Replacng: 63226920

Servicing: Perkins

B- M6, B+ M8, Length 261.00,
Drive type Steel, Gear type GR,
Mount. holes 3 (0), Insulated return Yes
Alternative no.: 114650

A: 89.00 B: 30.00 mm


112309 Starter 12 V, 1.4 kW

Replacng: 63223438

Servicing: Audi, VW

B+ M8, 15a 6.30, Length 245.00,
Drive type Steel, Gear type GR,
Mount. holes 2 (1)

A: 76.00 B: 27.00 mm


112340 Starter 12 V, 1.4 kW

Replacng: 63280002

Servicing: Ford, Mazda, Mercury

B+ M8, Length 226.00, Drive type Steel,
Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 4.00 mm


112382 Starter 12 V, 0.8 kW

Replacng: 63101015, 63101018, 63102007,
63102018, 63102020, 63103015, 63103024

Servicing: Fiat, Lancia

B+ M8, Length 191.00, Drive type Steel,
Gear type DD/GR, Clutch type Dry,
Mount. holes 3 (1)

A: 64.50 B: 10.50 mm


112390 5★ Starter 12 V, 1.0 kW

Manufacturer: Mahle Letrika

Replacng: 63226631

Servicing: Lister

B+ M8, 15a 4.70, Length 210.00,
Drive type Steel, Gear type DD,
Clutch type Wet, Mount. holes 3 (0)

A: 89.00 B: 27.00 mm


112436 Starter 12 V, 2.3 kW

Replacng: 943253266010, 943253266010

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 248.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (3)

A: 81.50 B: 21.50 mm


112498 Starter 24 V, 4.0 kW

Replacng: 63522310

Servicing: Ginaf, Heuliez, Irisbus, Iveco, Temsa

B+ M10, Length 315.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


112533 Starter 12 V, 2.2 kW

Replacng: 63222035

Servicing: BMW, Land Rover, Opel, Vauxhall

B+ M8, 30h M5, Length 271.75,
Drive type Steel, Gear type GR,
Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 21.00 mm



112537 Starter 12 V, 2.2 kW

Replacing: 50246416, 943251415010, 943251415010

Servicing: Audi, Fiat, VW

B+ M8, Length 274.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 22.00 mm



112660 Starter 12 V, 2.8 kW

Replacing: 63227508

Servicing: Case, Cummins, Massey Ferguson, New Holland

B+ M10, Length 333.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



112818 Starter 12 V, 1.4 kW

Replacing: 944280166, 944280166

Servicing: Renault, Volvo

B+ M8, 15a 6.30, Length 241.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 76.00 B: 0.20 mm



112821 Starter 12 V, 2.2 kW

Replacing: 63187051, 944280198

Servicing: Ford, Jaguar

B+ M8, Length 250.80, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

Alternative no.: 115870

B: 36.00 mm



113182 Starter 12 V, 3.0 kW

Replacing: MSN2039, 063216831010

Servicing: New Holland

B+ M10, Length 320.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



113254 Starter 12 V, 1.4 kW

Replacing: 63280091

Servicing: Citroen, DS, Fiat, Opel, Peugeot, Toyota

B+ M8, Length 206.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 4 (2)

A: 62.00 B: 14.00 mm



113276 Starter 12 V, 1.1 kW

Replacing: 944280198

Servicing: Chevrolet, Daewoo, Fiat, Mercedes-Benz, Opel, Peugeot, Saab, Vauxhall

B+ M8, Length 200.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 67.90 B: 19.00 mm



113307 Starter 12 V, 1.2 kW

Manufacturer: Valeo

Replacing: 63221435

Servicing: BUKH, Lombardini

B+ M8, Length 223.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.10 B: 27.00 mm



113346 Starter 12 V, 0.8 kW

Replacing: 30000A, 30001A, 30002A, 30003A, 63223103, 63223104, 63230001

Servicing: MG, Rover, VW

B+ M8, Length 210.50, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)

A: 67.00 B: 41.00 mm



113381 Starter 12 V, 2.5 kW

Replacing: 63217121

Servicing: Farymann, Fiat, Fiat-Allis, Goldoni

B- M8, B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 109.70 B: 26.00 mm



113430 Starter 12 V, 1.8 kW

Replacing: 63113002x

Servicing: Alfa Romeo, Fiat, Lancia, Suzuki

B+ M8, Length 239.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 82.00 B: 9.50 mm



113446 Starter 12 V, 2.2 kW

Replacing: 63114017, 63222005, 63224017

Servicing: BMW, Land Rover, Opel, Vauxhall

B+ M8, 30h M5, Length 239.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 76.00 B: 20.00 mm



113467 Starter 12 V, 3.7 kW

Replacing: 943252216010, 943252216010

Servicing: Agco, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Ingersoll-Rand, Iveco, JCB

B+ M10, Length 368.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm



113654 Starter 12 V, 3.0 kW

Replacing: 40003A, 63280040

Servicing: Case, Caterpillar, Daedong, Gehl, Hidromek, Hyster, Hyundai, JCB, John Deere, Landini, Manitou

B- M8, B+ M8, Length 292.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Optional use HC-CARGO 115389, 4.2 kW. HC-CARGO 113654 is a Marelli/Denso version, and cannot replace the Iskra version (HC-CARGO 114387).

A: 89.00 B: 30.50 mm



113655 Starter 12 V, 3.0 kW

Replacing: 63280041

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, Length 291.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0) HC-CARGO 113655 is a Marelli/Denso version, and cannot replace the Iskra version (HC-CARGO 114388).

A: 89.00 B: 30.50 mm



113659 Starter 12 V, 0.9 kW

Replacing: 63280901

Servicing: Hyundai, Kia

B+ M8, Length 186.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm



113701 5★ Starter 12 V, 1.1 kW

Manufacturer: Visteon

Replacing: 63223538, 63293538, 063293538010

Servicing: Ford, Mazda

B+ M8, Length 218.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (2)

A: 71.00 B: 14.00 mm



113705 Starter 12 V, 1.9 kW

Replacing: MT38R

Servicing: NSU, Volvo Penta

B+ M8, Length 256.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



113719 Starter 12 V, 1.3 kW

Replacing: 63280045

Servicing: Fiat, Lancia, Opel, Vauxhall

B+ M8, Length 201.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

Alternative no.: 115869 5★

A: 63.90 B: 24.00 mm



113750 Starter 12 V, 0.9 kW

Replacing: 63293039

Servicing: Seat, VW

B+ M8, Length 233.50, Drive type Steel, Gear type DD/GR, Mount. holes 4 (2)

Bosch version HC-CARGO 113750 Marelli Version HC-CARGO 114758

A: 82.50 B: 2.00 mm



113752 Starter 12 V, 1.8 kW

Replacing: 63112003

Servicing: Fiat

B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 23.50 mm



113925 Starter 12 V, 1.8 kW

Replacing: 63113001, 63193001

Servicing: BMW

B+ M8, 30h M5, Length 227.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 21.00 mm



113962 Starter 12 V, 0.9 kW

Replacing: 063102021010, 63101021, 63102022, 63103031, 63280042, 63280044, 063102021010

Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia

B+ M8, Length 169.60, Gear type DD/GR, Mount. holes 2 (1)

A: 64.00 B: 10.00 mm



114072 Starter 12 V, 2.0 kW
 Replacing: 63280071
 Servicing: BMW
 B+ M8, 30h M5, Length 232.00,
 Gear type GR, Mount. holes 2 (2)
 A: 76.00 B: 21.00 mm



114118 Starter 12 V, 1.4 kW
 Replacing: 63223435
 Servicing: BMW
 B+ M8, 30h M5, Length 244.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 76.20 B: 21.00 mm



114126 Starter 12 V, 2.3 kW
 Replacing: 63280090
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 248.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 72.00 B: -6.00 mm



114265 Starter 12 V, 2.7 kW
 Replacing: MT71L, MT71LA
 Servicing: VM Motori, VM (Stabilimenti Mec)
 B+ M10, Length 295.00,
 Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



114388 5★ Starter 12 V, 3.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 63227479
 Servicing: Agco, Bobcat, Case, Case IH,
 Caterpillar, Claas, Fendt, Gehl, Hattat Tarim,
 Hyundai, Ingersoll-Rand
 B- M8, B+ M8, 30h M10, Length 296.50,
 Gear type GR, Mount. holes 3 (0)
 Iskra version.
 Alternative no.: 116308
 A: 89.00 B: 29.50 mm



114650 Starter 12 V, 1.8 kW
 Replacing: 63227479
 Servicing: Perkins
 B+ M8, Length 311.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0),
 Insulated return No
 Not Insulated return. Not Insulated return.
 A: 88.90 B: 30.00 mm



114730 Starter 12 V, 2.1 kW
 Replacing: 63227485, 063227485010
 Servicing: Various Agriculture Vehicles, Vari-
 ous Industrial applications
 B- M8, B+ M8, Length 317.00,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 28.50 mm



114758 Starter 12 V, 0.9 kW
 Replacing: 63223039, 63293039
 Servicing: Seat, VW
 B+ M8, Length 217.50, Gear type GR,
 Mount. holes 4 (2) Bosch version HC-CARGO
 113750 Bosch version HC-CARGO 113750.
 Marelli Version HC-CARGO 114758.
 A: 82.50 B: 2.00 mm



115344 5★ Starter 12 V, 2.3 kW
 Manufacturer: Bosch
 Replacing: 63217158
 Servicing: Arona, Lombardini
 B+ M8, Length 246.50, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 116685
 A: 82.50 B: 21.00 mm



115423 Starter 12 V, 3.0 kW
 Replacing: 63217173, 63217180, 63217433,
 MT71HB, MT74A
 Servicing: BPM, Goldoni, Lombardini, Ruggerini
 B+ M10, Length 330.00, Gear type DD,
 Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



115869 5★ Starter 12 V, 1.3 kW
 Manufacturer: Visteon
 Replacing: 63280045
 Servicing: Fiat, Lancia, Opel, Vauxhall
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 Alternative no.: 113719
 A: 63.90 B: 24.00 mm



115951 Starter 12 V, 0.8 kW
 Replacing: 63101007, 63191007
 Servicing: Smart (MCC)
 B+ M8, Length 172.00, Gear type DD,
 Mount. holes 2 (2)
 A: 70.00 B: 15.00 mm



116137 5★ Starter 12 V, 2.8 kW
Manufacturer: Mahle Letrika
Replacing: 63227569
Servicing: Buhrer, Ford, Matbro, New Holland
B- M8, **B+** M8, **Length** 318.50,
Gear type DD, **Mount. holes** 3 (0)
Alternative no.: 110462
A: 92.00 **B:** 21.00 mm



116139 5★ Starter 12 V, 3.0 kW
Manufacturer: Mahle Letrika
Replacing: MT68T, MT74G
Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer
B+ M10, **Length** 311.00, **Gear type** DD,
Mount. holes 3 (0)
Iskra type.
Alternative no.: 110536
A: 89.00 **B:** 28.00 mm



116308 Starter 12 V, 3.2 kW
Replacing: 63227479
Servicing: Agco, Bobcat, Case, Case IH,
 Caterpillar, Claas, Fendt, Gehl, Hattat Tarim,
 Hyundai, Ingersoll-Rand
B- M8, **B+** M8, **Length** 296.50,
Gear type GR, **Mount. holes** 3 (0)
Iskra version.
Alternative no.: 114388 5★
A: 89.00 **B:** 29.50 mm



116327 Starter 12 V, 2.2 kW
Replacing: 63222034, 63222138
Servicing: Citroen, Fiat
B+ M8, **Length** 274.00, **Gear type** GR,
Mount. holes 3 (3)
A: 82.00 **B:** 29.00 mm



116556 Starter 12 V, 1.1 kW
Replacing: 63221435
Servicing: BCS, Bertolini, Ferrari, Goldoni,
 Lombardini, Piaggio, Valpadana
B+ M8, **Length** 220.50, **Gear type** GR,
Mount. holes 2 (0)
Alternative no.: 112171 5★
A: 76.00 **B:** 28.00 mm


110205 Starter 24 V, 6.5 kW

Replating: 9125100

Servicing: Volvo

B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm


110206 Starter 24 V, 5.4 kW

Replating: 9125220, 9125260, 9125330

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B- M10, B+ M12, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


110207 Starter 24 V, 5.4 kW

Replating: 9125240

Servicing: Volvo, Volvo BM

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110208 Starter 24 V, 5.4 kW

Replating: 9125250

Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Waterproof

A: 89.00 B: 48.00 mm


110209 Starter 24 V, 5.4 kW

Replating: 9125420

Servicing: DAF

B- M10, B+ M12, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110210 Starter 24 V, 6.6 kW

Replating: 9125010

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B- M10, B+ M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Not suitable for biogas plants

A: 92.00 B: 47.50 mm


110212 Starter 24 V, 6.6 kW

Replating: 9125130, 9125460

Servicing: Iveco, Pegaso, Scania, Toyota

B- M10, B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.65 mm


110213 Starter 24 V, 6.6 kW

Replating: 9125020

Servicing: Fiat, Iveco

B- M10, B+ M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 115.00 B: 20.80 mm


110214 Starter 24 V, 6.6 kW

Replating: 9125120

Servicing: Scania

B- M10, B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 37.00 mm


110352 Starter 12 V, 1.3 kW

Replating: 9141382

Servicing: Fiat, Lada

B+ M8, Length 201.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (3)

A: 82.50 B: 22.50 mm


110461 Starter 12 V, 2.8 kW

Replating: 9142724, 9142860

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


110462 Starter 12 V, 2.8 kW

Replating: 9142765, 9144965

Servicing: Buhner, Case, Case IH, Fiat-Allis, Ford, Manitou, Matbro, New Holland, Terex

B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0) 4 KW: HC-CARGO 115391.

Alternative no.: 116137

A: 92.00 B: 20.00 mm


110464 Starter 12 V, 2.1 kW

Replacing: 91428729

Servicing: Carbodies, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, Length 336.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


110512 Starter 24 V, 5.4 kW

Replacing: 9125320, 9125340

Servicing: Agco, Agco Allis, Ahlmann, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Irmer

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110517 Starter 24 V, 3.2 kW

Replacing: 9124320

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 295.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110518 Starter 24 V, 4.0 kW

Replacing: 9124330

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110519 Starter 12 V, 3.0 kW

Replacing: 9142744

Servicing: Fiat, Iveco, Volvo

B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110520 Starter 24 V, 4.0 kW

Replacing: 443115174622

Servicing: Cummins, Fiat, Fiat-Allis, Renault

B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


110521 Starter 24 V, 4.0 kW

Replacing: 9142320

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110522 Starter 12 V, 3.0 kW

Replacing: 443115144723

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


110523 Starter 24 V, 4.0 kW

Replacing: 443115174602, 9124310, 9174602

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


110524 Starter 24 V, 4.0 kW

Replacing: 9124350

Servicing: Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110525 Starter 12 V, 3.0 kW

Replacing: 443115144726, 9142746

Servicing: Claas, Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110529 Starter 12 V, 3.0 kW

Replacing: 9144744

Servicing: Agrifull, BENFRA, Case IH, Fiat, Fiat-Allis, Iveco, Lister-Petter, New Holland, Terex

B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Gear reduction HC-Cargo 113182

A: 110.00 B: 27.00 mm



110530 Starter 12 V, 3.0 kW
 Replacing: 443115144743, 9142880, 9144743, 9144821
 Servicing: Huerlimann, Lamborghini, Same
 B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



110532 Starter 24 V, 6.6 kW
 Replacing: 9125030
 Servicing: Iveco
 B- M10, B+ M12, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof
 A: 115.00 B: 21.00 mm



110534 Starter 24 V, 5.4 kW
 Replacing: 9125370
 Servicing: Ford, Iveco, Various Agriculture Vehicles
 B+ M10, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110535 Starter 24 V, 5.4 kW
 Replacing: 9125400
 Servicing: Fiat, Iveco
 B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110536 Starter 12 V, 2.7 kW
 Replacing: 9142802, 9142803
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer
 B+ M10, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Magnetron.
 Alternative no.: 116086
 A: 89.00 B: 28.00 mm



110545 Starter 12 V, 3.0 kW
 Replacing: 44311514442, 443115144420, 443115144620, 443115144729, 9142741, 9144722, 91455722
 Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor
 B+ M10, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110551 Starter 12 V, 3.0 kW
 Replacing: 443115144540, 443115144640, 443115144742, 9144742
 Servicing: Lamborghini, Same, Ursus, Zetor
 B+ M10, Length 326.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110565 Starter 12 V, 2.8 kW
 Replacing: 9142804
 Servicing: Eicher, Massey Ferguson
 B- M8, B+ M8, Length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115392.
 A: 89.00 B: 29.50 mm



110582 Starter 24 V, 5.4 kW
 Replacing: 9125270, 9125480
 Servicing: Iveco
 B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110587 Starter 12 V, 1.2 kW
 Replacing: 9141400
 Servicing: Citroen, Peugeot
 B+ M8, Length 208.20, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (3)
 A: 66.00 B: -5.00 mm



110601 Starter 24 V, 5.4 kW
 Replacing: 9124340, 9125290
 Servicing: Mercedes-Benz, Steyr, Volvo
 B+ M10, Length 386.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.50 mm



110615 Starter 12 V, 2.8 kW
 Replacing: 9142720, 9142728
 Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, Bobcat, Caterpillar, Gehl, Hako, JCB
 B- M8, B+ M8, Length 312.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 HC-CARGO 115393 4.0 kW. Alternative HC-CARGO 115334.
 Alternative no.: 113534
 A: 89.00 B: 29.50 mm


110813 Starter 12 V, 2.7 kW

Replacing: 9144745

Servicing: Agrifull, Allis Chalmers, BENFRA, Case, Case IH, Fiat, Fiat-Allis, Ford, Goldoni, Iveco

B+ M10, Length 294.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110818 Starter 12 V, 2.1 kW

Replacing: 9142764

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, 15a 6.30, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 24.60 mm


110867 Starter 12 V, 1.7 kW

Replacing: 9141384

Servicing: Audi, Ford, Mazda

B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 14.25 mm


110932 Starter 24 V, 5.4 kW

Replacing: 9125430

Servicing: DAF

B- M10, B+ M10, Length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 88.85 B: 47.00 mm


110980 Starter 24 V, 5.4 kW

Replacing: 9125500

Servicing: Volvo

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


111001 Starter 12 V, 3.0 kW

Replacing: 9144820

Servicing: Lamborghini, Same, Steyr

B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 21.60 mm


111041 Starter 12 V, 2.8 kW

Replacing: 443115142740, 9142740

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, Length 338.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


111059 Starter 12 V, 0.9 kW

Replacing: 9141391

Servicing: Austin, Fiat, Seat, VW

B+ M8, 15a 6.30, Length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0) Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


111060 Starter 12 V, 1.7 kW

Replacing: 9141393

Servicing: VW

B+ M8, Length 264.35, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 31.80 mm


111070 Starter 12 V, 1.7 kW

Replacing: 9141404

Servicing: Citroen, DS, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

B+ M8, Length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -6.50 mm


111214 Starter 12 V, 1.0 kW

Replacing: 443115141310, 443115141311, 443115142350, 9141310, 9141430

Servicing: Skoda, VW

B+ M8, Length 194.75, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 26.45 mm


111218 Starter 24 V, 5.4 kW

Replacing: 9125350

Servicing: Volvo Penta

B- M10, B+ M10, Length 388.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 89.00 B: 48.00 mm



111219 Starter 24 V, 6.6 kW
 Replacing: 9125490
 Servicing: Volvo, Volvo Penta
 B- M10, B+ M10, Length 385.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 47.40 mm



111231 Starter 24 V, 6.6 kW
 Replacing: 9125150
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 40.25 mm



111241 Starter 12 V, 1.2 kW
 Replacing: 9141350
 Servicing: Dodge, Hyundai, Kia, Mitsubishi
 B+ M8, Length 207.80, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 73.00 B: 17.00 mm



111332 Starter 12 V, 2.7 kW
 Replacing: 443115142701, 443115142801,
 9142701, 9142801, 9142803
 Servicing: Case IH, Fendt, Renault, Renault
 Agriculture, Steyr
 B+ M8, Length 293.55, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 21.00 mm



111619 Starter 12 V, 1.7 kW
 Replacing: 9141385
 Servicing: Fiat, Seat
 B+ M8, Length 263.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 82.50 B: 23.00 mm



111693 Starter 12 V, 2.5 kW
 Replacing: 9142840
 Servicing: Fiat, Iveco, Multicar
 B+ M10, Length 295.65, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (1)
 A: 110.00 B: 27.00 mm



111748 Starter 12 V, 1.1 kW
 Replacing: 9141394
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 223.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO
 140018.
 A: 76.00 B: 33.00 mm



111749 Starter 12 V, 1.1 kW
 Replacing: 9141413
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 245.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO
 140018.
 A: 76.00 B: 52.00 mm



111752 Starter 12 V, 2.7 kW
 Replacing: 9142749, 9142805
 Servicing: Case, Payloader
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



111755 Starter 12 V, 3.0 kW
 Replacing: 9142700
 Servicing: John Deere
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.00 B: 34.00 mm



111855 Starter 12 V, 2.2 kW
 Replacing: 443115142726, 9142726, 9142900
 Servicing: KHD, Various Agriculture Vehicles
 B+ M8, Length 267.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 Alternative no.: 116128
 A: 82.50 B: 23.00 mm



111909 Starter 12 V, 1.1 kW
 Replacing: 443115141313, 443115141394,
 915111A
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 212.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115504#
 A: 76.25 B: 32.00 mm



112005 Starter 12 V, 1.1 kW
 Replacing: 915111D
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 76.00 B: 52.00 mm



112074 Starter 12 V, 3.1 kW
 Replacing: 9142766
 Servicing: Caterpillar, Cummins, Ford, Mani-
 tou, New Holland
 B+ M8, Length 329.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



112119 Starter 24 V, 6.6 kW
 Replacing: 9125110
 Servicing: Scania
 B- M10, B+ M10, Length 406.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 37.00 mm



112131 Starter 12 V, 1.4 kW
 Replacing: 9141410
 Servicing: VW
 B+ M8, 15a 6.30, Length 244.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO
 140018.
 A: 76.00 B: 52.00 mm



112167 Starter 12 V, 1.8 kW
 Replacing: 9141319
 Servicing: VW
 B+ M8, Length 236.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO
 140018.
 A: 76.00 B: 52.00 mm



112286 Starter 12 V, 1.7 kW
 Replacing: 443115141395, 9141395, 9141396,
 915109E
 Servicing: Audi, Ford, Mercedes-Benz, Seat,
 Skoda, VW
 B+ M8, Length 236.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 76.10 B: 32.00 mm



112388 Starter 12 V, 1.0 kW
 Replacing: 443115141331, 443115141338,
 9141331
 Servicing: Skoda
 B+ M8, Length 199.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (1)
 A: 50.00 B: 21.00 mm



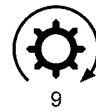
112429 Starter 12 V, 2.0 kW
 Replacing: 915109D
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 259.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 62.00 mm



112442 Starter 12 V, 3.0 kW
 Replacing: 9142745
 Servicing: John Deere
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 GR Starter HC-CARGO 115609.
 A: 89.00 B: 48.00 mm



112488 Starter 12 V, 2.7 kW
 Replacing: 443115142780, 9142780
 Servicing: Belarus
 B+ M10, Length 238.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 A: 100.00 B: 32.00 mm



112555 Starter 12 V, 3.1 kW
 Replacing: 9142803
 Servicing: Bosch, Deutz-Fahr, Fendt, Irmel,
 Jenbacher Werke, KHD, Kramer, Linde
 B+ M10, Length 303.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 28.50 mm



112822 Starter 24 V, 4.5 kW
 Replacing: 9122110
 Servicing: Irisbus, Iveco
 B+ M10, Length 293.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 Alternative no.: 115880
 A: 89.00 B: 49.00 mm



113269 5★ Starter 12 V, 3.0 kW

Manufacturer: Magnetron

Replacing: 443115142702, 443115142709, 443115144702, 444115144702, 446115144702, 9142702, 9142709, 9144702

Servicing: Atlas Copco, Barber Greene, Benford, Case, Daewoo, Matbro, Perkins, Thwaites

B+ M10, Length 234.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 31.50 mm



113356 Starter 24 V, 3.5 kW

Replacing: 9172702, 9172780

Servicing: Belarus, GAZ, ZIL

B+ M10, Length 235.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 99.90 B: 32.00 mm



113677 Starter 12 V, 1.1 kW

Replacing: 443115141319, 9141390

Servicing: VW

B+ M8, Length 213.15, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 76.00 B: 52.50 mm



113727 Starter 12 V, 2.7 kW

Replacing: 9162901

Servicing: Atlas Copco, Bobcat, Bomag, Doosan, Hitachi, Hyster, Kubota, Massey Ferguson, Mitsubishi

B+ M10, 15a M5, Length 286.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.50 B: 46.50 mm



114034 Starter 12 V, 1.0 kW

Replacing: 915101A, 9999984

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 194.00, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 52.50 mm



114107 Starter 12 V, 3.2 kW

Replacing: 9162904

Servicing: Landini, Massey Ferguson, McCormick, Perkins

B+ M10, Length 295.00, Gear type GR, Mount. holes 3 (0)

A: 88.88 B: 29.50 mm



114254 Starter 12 V, 2.7 kW

Replacing: 443115144722, 9142722

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ 9.70, Length 237.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 116134 5★

A: 89.00 B: 49.40 mm



114388 5★ Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: 9142903

Servicing: Agco, Bobcat, Case, Case IH, Caterpillar, Claas, Fendt, Gehl, Hattat Tarim, Hyundai, Ingersoll-Rand

B- M8, B+ M8, 30h M10, Length 296.50, Gear type GR, Mount. holes 3 (0)

Iskra version.

Alternative no.: 116308

A: 89.00 B: 29.50 mm



115880 5★ Starter 24 V, 4.5 kW

Manufacturer: Denso

Replacing: 9122110

Servicing: Irisbus, Iveco

B- M8, B+ M8, Length 301.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 112822

A: 89.00 B: 49.00 mm



116086 5★ Starter 12 V, 2.7 kW

Manufacturer: Magnetron

Replacing: 9142802, 9142803

Servicing: Case, Claas, Deutz-Fahr, Fendt, Payloader

B+ M10, Length 234.00, Gear type GR, Mount. holes 3 (0)

Magnetron.

Alternative no.: 110536

A: 89.00 B: 28.00 mm



116128 5★ Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: 443115142726, 9142726, 9142900

Servicing: Atlas Copco, Bomag, Ingersoll-Rand, John Deere, KHD, Terex, Thwaites, Various Agriculture Vehicles

B+ M8, Length 287.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 111855

A: 82.50 B: 23.00 mm



116130 5★ Starter 12 V, 3.1 kW

Manufacturer: Mahle Letrika

Replacing: 9142745

Servicing: John Deere

B- M10, B+ M10, Length 332.00, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



116134 5★ Starter 12 V, 3.0 kW

Manufacturer: Mahle Letrika

Replacing: 443115144722, 9142722

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B- M8, B+ M10, Length 348.00, Gear type DD, Mount. holes 3 (0)

Alternative no.: 114254

A: 89.00 B: 48.00 mm



116137 5★ Starter 12 V, 2.8 kW

Manufacturer: Mahle Letrika

Replacing: 9142765, 9144965

Servicing: Buhner, Ford, Matbro, New Holland

B- M8, B+ M8, Length 318.50, Gear type DD, Mount. holes 3 (0)

Alternative no.: 110462

A: 92.00 B: 21.00 mm



116139 5★ Starter 12 V, 3.0 kW

Manufacturer: Mahle Letrika

Replacing: 9142802, 9142803

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer

B+ M10, Length 311.00, Gear type DD, Mount. holes 3 (0)

Iskra type.

Alternative no.: 110536

A: 89.00 B: 28.00 mm



116312 Starter 12 V, 2.7 kW

Replacing: 9142803

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer

B+ M10, Length 293.00, Gear type DD, Mount. holes 3 (0)

Bosch Type.

Alternative no.: 110536

A: 89.00 B: 28.00 mm



116596 Starter 12 V, 3.2 kW

Replacing: 450115114763, 9142763, 9144763

Servicing: Zetor

B+ M10, Length 285.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



111442 Starter 12 V, 1.4 kW
 Replacing: SM302-04, SM302-16, SM302-24, SM302-40, SM302-46, SM302-48, SM402-02
 Servicing: Acura, Honda, Rover
 B+ M8, Length 216.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 A: 75.00 B: 33.50 mm



111917 Starter 12 V
 Replacing: SM13237, SM132-37
 Servicing: Yamaha
 B+ M6, Length 168.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 30.00 B: 41.00 mm



111921 Starter 12 V, 0.6 kW
 Replacing: SM13213
 Servicing: Honda
 B+ M6, Length 193.00, Drive type Steel, Gear type DD, Mount. holes 2 (0) *OBS*
Please control rotational direction. This starter is anticlockwise.
 A: 30.00 B: 36.00 mm



111922 Starter 12 V
 Replacing: LT80-CS90, SM10230
 Servicing: Suzuki
 B+ 6.30, Length 152.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 46.00 B: 17.00 mm



111927 Starter 12 V, 0.6 kW
 Replacing: SM13475
 Servicing: Honda
 B+ M6, Length 145.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 29.90 B: 41.00 mm



112010 Starter 12 V
 Replacing: 3240-110
 Servicing: Kawasaki, Polaris, Sea Doo
 B+ M6, Length 188.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 30.00 mm



112011 Starter 12 V
 Replacing: 63M818-00
 Servicing: Yamaha
 B+ M6, Length 182.20, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 30.00 B: 41.00 mm



112214 Starter 12 V, 1.6 kW
 Replacing: SM402-04, SM402-04N, SM402-05, SM402-05N, SM422-14, SM422-16, SM422-27, SM44223, SM442-23
 Servicing: Honda, Rover
 B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 40.00 mm



113528 Starter 12 V
 Replacing: 3084981
 Servicing: Polaris
 B+ M6, Length 159.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 A: 30.00 B: 40.00 mm



113538 Starter 12 V, 0.6 kW
 Replacing: SM224
 Servicing: Honda
 B+ M6, Length 188.00, Gear type GR, Mount. holes 2 (0)
 A: 46.00 B: 47.00 mm



113540# Starter 12 V
 Replacing: SM2241
 Servicing: Yamaha
 B+ M6, Length 208.00, Gear type DD, Mount. holes 2 (0)
Short shaft.



113546 Starter 12 V
 Replacing: SM7255
 Servicing: Yamaha
 B+ M6, Length 176.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (2)
 A: 30.00 mm



113671 Starter 12 V

Replacing: SM11

Servicing: Honda small engines, Aebi, Atlas Copco, Bomag, Doosan, Hako, Husqvarna, Ingersoll-Rand, JCB, Kärcher, Kohler, Komatsu
B+ M6, Length 164.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)



113821 Starter 12 V, 1.4 kW

Replacing: SM612-09, SM710-02, SM710-05

Servicing: Acura, Honda

B+ M8, Length 210.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 75.00 B: 33.00 mm



114137# Starter 12 V, 1.2 kW

Replacing: SM710-01

Servicing: Honda

B+ M8, Length 215.00, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 34.00 mm



114715 Starter 12 V, 0.6 kW

Replacing: SM13449

Servicing: Honda

B+ M6, Length 196.00, Gear type PMDD, Mount. holes 2 (0)

A: 30.00 B: 37.00 mm



115681 Starter 12 V, 1.2 kW

Replacing: SM442-33, SM442-46

Servicing: Honda

B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 40.00 mm



115993 Starter 12 V, 1.4 kW

Replacing: SM442-16

Servicing: Honda

B+ M8, Length 207.00, Gear type GR, Mount. holes 2 (0)

A: 62.00 B: 30.00 mm

NEW PRODUCT
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116517* Starter 12 V, 1.0 kW

Replacing: SM44225, SM442-25, SM442252B

Servicing: Honda

Gear type GR, Mount. holes 2 (0)



116559 Starter 12 V, 1.2 kW

Replacing: SM612-05, SM612-10

Servicing: Honda

B+ M8, Length 209.50, Gear type GR, Mount. holes 2 (0)

A: 75.00 mm

NEW PRODUCT
www.hc-cargo.com

116770* Starter 12 V, 1.6 kW

Replacing: SM730-02

Servicing: Guangzhou Honda, Honda



110142 Starter 12 V, 1.0 kW

Replacing: M002T10171, M002T20181, M002T20181A, M002T20181D, M002T42981, M2T10171, M2T20181, M2T20181A

Servicing: Nissan

B+ M8, Length 216.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 11.40 mm



110149 Starter 12 V, 0.9 kW

Replacing: M003T24481, M003T24482, M003T24482A, M003T24483, M003T24486, M003T24486A, M003T30281, M003T30282

Servicing: Mazda, Mercury

B+ M8, Length 198.00, Drive type Steel, Gear type DD, Mount. holes 3 (2)

A: 74.00 B: 15.00 mm



110155 Starter 12 V, 0.85 kW

Replacing: M003T11272, M3T11272, MEA13-1, MEA13-2, MED02-1, MED02-2, MEY1R, ME-Y1R, MEY3R, MX1R

Servicing: Komatsu, Nissan, TCM

B+ M8, Length 191.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 83.00 B: 7.50 mm



110158 Starter 12 V, 1.2 kW

Replacing: M002T44081, M002T44681, M002T49881, M003T22581, M003T22582, M003T25781, M003T25782, M003T25882

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth, Proton

B+ M8, Length 190.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm



110182 Starter 12 V, 0.9 kW

Replacing: M000T84381, M000T92581, M003T10473, M003T10475, M003T10476, M003T10476D, M0T84381, M0T84381A

Servicing: Mitsubishi, Various Agriculture Vehicles, Yale

B+ M8, Length 196.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



110256 Starter 12 V, 0.8 kW

Replacing: M003T21281, M003T21282, M003T21781, M003T21881, M003T21882, M003T25181, M003T38682, M003T41181

Servicing: Komatsu, Nissan, TCM

B+ M8, Length 192.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 7.50 mm



110277 Starter 12 V, 0.8 kW

Replacing: M002T20182, M003T13073, M003T15271, M003T21482, M003T23081, M003T25281, M003T25282, M003T27581

Servicing: Nissan

B+ M8, Length 190.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.35 B: 6.80 mm



110278# Starter 12 V, 0.8 kW

Replacing: M002T23081, M002T25772, M003T27681, M003T27685, M003T27686, M003T27686D, M003T27686H, M003T27686N

Servicing: Nissan

B+ M8, Length 192.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.00 B: 3.00 mm



110280 Starter 12 V, 1.2 kW

Replacing: M002T50171, M002T50181, M002T52071, M002T52081, M002T52082, M2T50171, M2T50181, M2T52071, M2T52081

Servicing: Nissan

B+ M8, Length 214.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 7.20 mm



110292 Starter 12 V, 1.1 kW

Replacing: M003T15791, M003T15971, M003T22681, M003T24917, M003T25981, M003T32681, M003T42881, M3T15791

Servicing: Mitsubishi

B+ M8, Length 206.80, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 77.00 B: 19.00 mm



110315 Starter 12 V, 0.9 kW

Replacing: M002T40081, M002T41081, M003T25783, M003T25785, M003T25883, M003T25885, M003T32589, M003T40081

Servicing: Dodge, Hyundai, Kia, Mitsubishi, Plymouth, Proton

B+ M8, Length 208.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 77.00 B: 18.40 mm



110386 Starter 12 V, 1.9 kW

Replacing: MG120560

Servicing: Nissan

B+ M8, Length 233.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 10.50 mm


110389 Starter 12 V, 2.0 kW

Replacing: M002T92071, M002T92071A, M2T92071, M2T92071A

Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki
B+ M8, Length 232.00, Drive type Steel,
Gear type GR, Mount. holes 3 (2)

A: 88.00 B: 6.00 mm


110394 Starter 12 V, 0.85 kW

Replacing: M000T85781, M001T72481, M001T72481ZC, M001T72483, M001T72483ZC, M001T74581, M001T74583

Servicing: Chevrolet, GEO, Suzuki

B+ M8, Length 207.00, Drive type Steel,
Gear type DD/GR, Mount. holes 2 (0)

A: 65.85 B: 4.35 mm


110415 Starter 12 V, 1.4 kW

Replacing: M002T58381, M2T58381

Servicing: Nissan

B+ M8, Length 221.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 8.00 mm


110421 Starter 12 V, 0.8 kW

Replacing: M003T29681, M003T33181, M003T33481, M003T49981, M003T49982, M3T29681, M3T33181, M3T33481, M3T49981

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles

B+ M8, Length 194.00, Drive type Steel,
Gear type DD/GR, Mount. holes 2 (0)

Alternative no.: 111475

A: 66.00 B: 16.00 mm


110479 Starter 12 V, 0.9 kW

Replacing: M003T32585, M3T32585, MD016920

Servicing: Hyundai, Mitsubishi

B+ M8, Length 189.00, Drive type Steel,
Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm


110572 Starter 12 V, 1.2 kW

Replacing: M001T79681, M001T79781, M002T58681, M1T79681, M1T79781, M2T58681, MD171228, MD318086, MD320618

Servicing: Mitsubishi, Nissan

B+ M8, Length 209.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 76.95 B: 17.30 mm


110576 Starter 24 V, 3.2 kW

Replacing: M002T66871, M002T66872, M002T66873, M002T66881, M002T66882, M002T67871, M002T67872, M002T67873

Servicing: Mitsubishi

B+ M8, Length 250.00, Drive type Steel,
Gear type GR, Mount. holes 3 (1)

A: 60.00 B: 18.00 mm


110584 Starter 12 V, 1.2 kW

Replacing: M003T40371, M3T40371

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 210.00, Drive type Steel,
Gear type GR, Mount. holes 3 (1)

B: -6.00 mm


110585 Starter 12 V, 1.2 kW

Replacing: M003T32985, M003T32986, M003T32988, M003T32989, M3T32985, M3T32986, M3T32988, M3T32989

Servicing: Renault, Volvo

B+ M8, Length 214.15, Drive type Steel,
Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm


110807 Starter 12 V, 0.85 kW

Replacing: M001T71811, M003T33081, M1T71811, M3T33081

Servicing: Ford, Kia, Mazda, Opel

B+ M8, Length 197.25, Drive type Steel,
Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm


110808 Starter 12 V, 0.85 kW

Replacing: M003T24482H, M003T24482HC, M003T24482J, M003T24482K, M003T24486H, M003T30881, M003T33282

Servicing: Ford, Kia, Mazda

B+ M8, Length 190.00, Drive type Steel,
Gear type DD/GR, Mount. holes 3 (2)

A: 74.00 B: 16.00 mm


110809 Starter 12 V, 2.0 kW

Replacing: M002T56171, M002T56181, M002T56182, M002T56185, M002T57271, M002T57273, M002T62971, M003T61071

Servicing: Dodge, Hyundai, Mitsubishi, Proton

B+ M8, Length 241.45, Drive type Steel,
Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 3.00 mm



110810# Starter 12 V, 1.4 kW
Replacing: M001T71281, M001T71281A, M001T71281AC, M001T71281B, M001T71281ZC, M001T71881, M001T71881A
Servicing: Ford, Kia, Mazda
B+ M8, **Length** 208.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 3 (2)
A: 73.50 **B:** 16.00 mm



110811 Starter 12 V, 1.2 kW
Replacing: M001T70481, M001T70481ZC, M001T70482, M001T70483, M001T70483ZC, M001T70485, M001T70485A, M001T70481
Servicing: Dodge, Eagle, Great Wall, Hyundai, Kia, Mazda, Mitsubishi, Plymouth
B+ M8, **Length** 206.50, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (2)
A: 77.00 **B:** 17.25 mm



110856 Starter 12 V, 0.6 kW
Replacing: A003T02192
Servicing: Renault
B+ M8, **Length** 208.50, **Drive type** Steel, **Gear type** DD/GR, **Clutch type** Dry, **Mount. holes** 2 (0)
A: 66.00 **B:** 21.00 mm



110865 Starter 12 V, 0.95 kW
Replacing: M003T80571, M3T80571
Servicing: Audi, VW
B+ M8, **Length** 220.00, **Drive type** Steel, **Gear type** DD/GR, **Mount. holes** 3 (3)
Bushing D.E. (clutch house): HC-CARGO 140500.
A: 82.50 **B:** 15.00 mm



110933 Starter 12 V, 1.4 kW
Replacing: M002T50371, M002T50381, M002T50391, M2T50371, M2T50381, M2T50391, MM409410, MM409414
Servicing: Caterpillar, Hyundai, Ingersoll-Rand, Iseki, Mahindra, Mitsubishi, Terex, Volvo
B+ M8, **Length** 228.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (0)
A: 76.90 **B:** 29.25 mm



110947 Starter 12 V, 2.0 kW
Replacing: M002T56271, M002T56272, M003T61171, M2T56271, M2T56272, M3T61171, MM409411, MM409413
Servicing: Weidemann, Mitsubishi
B+ M8, **Length** 243.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (0)
A: 77.00 **B:** 30.00 mm



110958 Starter 12 V, 0.9 kW
Replacing: M002T48081, M003T42781, M003T42781ZC, M003T43481, M0A01901, M2T48081, M3T42781, M3T42781ZC
Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
B+ M8, **Length** 191.50, **Drive type** Steel, **Gear type** DD/GR, **Mount. holes** 2 (2)
A: 77.00 **B:** 10.80 mm



110999 Starter 24 V
Replacing: M007T03774, M007T03777, M7T03774, M7T03777
Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt, Various, Volvo
B- 1/2" UNC, **B+** 1/2" UNC, **Length** 499.50, **Drive type** Steel, **Gear type** DD, **Mount. holes** 3 (0), **Insulated return** Yes, Oil sealed
Replacing: 42MT.
A: 92.00 **B:** 46.50 mm



111000 Starter 24 V, 6.5 kW
Replacing: M004T95481, M4T95481
Servicing: Caterpillar, Clark, Cummins, Fiat-Allis, Ingersoll-Rand
B- 1/2" UNC, **B+** 1/2" UNC, **Length** 497.50, **Drive type** Steel, **Gear type** DD, **Mount. holes** 3 (0), **Insulated return** Yes, Oil sealed
Replacing: 42MT. w/ rotating D.E. Bracket.
A: 92.00 **B:** 46.00 mm



111005 Starter 12 V, 0.8 kW
Replacing: M003T30981, M3T30981
Servicing: Sumitomo, Yale
B+ M8, **Length** 190.00, **Drive type** Steel, **Gear type** DD, **Mount. holes** 2 (0)
A: 74.00 **B:** 16.75 mm



111010 Starter 12 V, 1.4 kW
Replacing: M1T50071015
Servicing: Audi, Ford, VW
B+ M8, **15a** 6.30, **Length** 243.25, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (1)
A: 82.50 **B:** 20.80 mm



111070 Starter 12 V, 1.7 kW
Replacing: M000T80082, M001T50171, M001T50172, M001T90281, M002T90071, M0T80082, M1T50171, M1T50172, M1T90281
Servicing: Citroen, DS, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot
B+ M8, **Length** 230.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 3 (3)
A: 66.00 **B:** -6.50 mm


111108 Starter 12 V, 1.2 kW

Replacing: M001T60081, M001T60381, M1T60081, M1T60381

Servicing: Mitsubishi, Nissan

B+ M8, Length 198.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.30 B: 8.25 mm


111241 Starter 12 V, 1.2 kW

Replacing: M001T71381, M001T71382, M001T71382ZC, M001T71388, M001T72581, M001T72582, M001T72583, M001T72583G

Servicing: Dodge, Hyundai, Kia, Mitsubishi

B+ M8, Length 207.80, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 73.00 B: 17.00 mm


111272 Starter 12 V, 2.2 kW

Replacing: 32A66-00101, 32A66-01100, 32A66-10101, M002T62271, M002T74371, M008T70371, M008T71571, M008T75171

Servicing: Caterpillar, Doosan, Ingersoll-Rand, Mitsubishi, Nissan, Volvo

B+ M8, Length 260.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 22.90 mm


111273 Starter 12 V, 2.7 kW

Replacing: M002T54571, M002T54572, M005T22171, M2T54571, M2T54572, M5T22171

Servicing: Hyster, Yale

B+ M8, Length 240.30, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 100.00 B: 31.65 mm


111275 Starter 12 V, 2.0 kW

Replacing: M002T54671, M002T56471, M002T56472, M002T56475, M002T60271, M002T61371, M003T64172, M005T23172

Servicing: Ford, Mitsubishi

B+ M8, Length 250.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 23.50 mm


111300 Starter 12 V, 1.4 kW

Replacing: M002T54083, M002T54085, M002T54091, M002T58981, M008T70071, M2T54083, M2T54085, M2T54091, M2T58981

Servicing: Bobcat, Ford, Volvo Penta

B+ M8, Length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 21.00 mm


111303 Starter 12 V, 0.8 kW

Replacing: M000T70281, M000T70285, M002T41171, M002T48681, M0T70281, M0T70285, M2T41171, M2T48681

Servicing: Nissan

B+ M8, Length 185.15, Drive type Steel, Gear type DD/GR, Mount. holes 2 (1)

A: 69.95 B: 11.15 mm


111310 Starter 12 V, 0.8 kW

Replacing: M000T84781, M002T30381, M002T33781, M002T33785, M002T41381, M002T41881, M002T41885, M002T46081

Servicing: Chevrolet, GEO, Pontiac, Subaru, Suzuki

B+ M8, Length 206.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 6.00 mm


111312 Starter 12 V, 0.8 kW

Replacing: M000T80285, M000T80285A, M001T77281, M002T49283, M003T37783, M0T80285, M0T80285A, M1T77281

Servicing: Nissan

B+ M8, Length 221.70, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 43.00 mm


111349 Starter 12 V, 1.2 kW

Replacing: M000T91081ZC, M000T91082, M000T91082ZC, M001T74281, M001T74281ZC, M001T74283, M001T74283ZC

Servicing: Jeep

B+ M8, Length 230.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 82.50 B: 5.50 mm


111374 Starter 12 V, 1.5 kW

Replacing: M001T96581, M1T96581

Servicing: Ford, Jaguar, Mazda, Mercury

B+ M8, Length 219.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)


111382 Starter 12 V, 1.4 kW

Replacing: M000T87181, M0T87181

Servicing: Infiniti, Nissan

B+ M8, Length 229.85, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 75.00 B: 56.25 mm



111451 Starter 12 V, 1.4 kW

Replacing: M000T20171, M000T20175, M001T74081, M001T74087, M001T75681, M001T84481, M001T86481, M0T20171

Servicing: Nissan, Subaru

B+ M8, Length 210.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 82.50 B: 33.50 mm



111452 Starter 12 V, 0.8 kW

Replacing: M003T21281D, M003T21882D, M003T41185, M3T21281D, M3T21882D, M3T41185

Servicing: Nissan, TCM

B+ M8, Length 191.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 7.80 mm



111459 Starter 12 V, 1.2 kW

Replacing: M001T72085, M001T72086, M001T72086A, M001T72087, M001T72087A, M1T72085, M1T72085A, M1T72086

Servicing: Nissan

B+ M8, Length 207.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 70.00 B: 11.50 mm



111461 Starter 12 V, 2.2 kW

Replacing: M002T60171, M002T60172, M002T61071, M002T61072, M2T60171, M2T60172, M2T61071, M2T61072, MD072654

Servicing: Dodge, Hyundai, Mitsubishi

B+ M8, Length 240.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 3.50 mm



111475 Starter 12 V, 0.8 kW

Replacing: M002T30481, M002T30581, M002T30585, M002T30586, M002T41581, M002T41586, M002T49181, M002T49189

Servicing: Suzuki

B+ M8, Length 185.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

Alternative no.: 110421

A: 66.00 B: 18.00 mm



111476 Starter 12 V, 2.0 kW

Replacing: M002T57771, M002T57773, M002T74171, M2T57771, M2T57773, M2T74171, MD140190, MD164976

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Length 240.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 10.00 mm



111485 Starter 12 V, 1.2 kW

Replacing: M001T60281, M001T60285, M001T60285A, M1T60281, M1T60285, M1T60285A

Servicing: Ford, Nissan

B+ M8, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 83.00 B: 8.00 mm



111508 Starter 12 V, 1.2 kW

Replacing: MD308088

Servicing: Mitsubishi

B+ M8, Length 207.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 71.00 B: 3.50 mm



111552 Starter 12 V, 1.0 kW

Replacing: M000T30471, M000T30475, M000T81681, M000T83981, M001T77181, M003T43181, M0T30471, M0T30475

Servicing: Subaru

B+ M8, Length 204.25, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 65.00 B: 49.00 mm



111565 Starter 12 V, 2.2 kW

Replacing: M002T60185, M002T61171, M002T62771, M002T63171, M2T60185, M2T61171, M2T62771, M2T63171, MD121581

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Length 239.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 77.30 B: 9.00 mm



111608 Starter 12 V, 1.4 kW

Replacing: M001T72981, M001T72981A, M001T78881, M1T72981, M1T72981A, M1T78881

Servicing: Infiniti, Nissan

B+ M8, Length 216.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.25 B: 43.00 mm



111703 Starter 12 V, 2.0 kW

Replacing: M002T63371, M2T63371

Servicing: Ford, Perkins

B+ M8, Length 242.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 73.80 B: 19.50 mm



111728 Starter 12 V, 1.4 kW

Replacing: M002T23685, M002T25481, M003T27881, M2T23685, M2T25481, M3T27881

Servicing: Nissan

B+ M8, Length 228.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

B: 15.00 mm



111730 Starter 12 V, 1.0 kW

Replacing: M000T80381, M0T80381

Servicing: Mazda, Peugeot

B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 73.90 B: 13.00 mm



111849 Starter 12 V, 0.8 kW

Replacing: M002T47381, M002T47382, M002T47383, M2T47381, M2T47382, M2T47383

Servicing: Chevrolet, Daewoo, Suzuki

B+ M8, Length 184.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 75.00 B: 6.50 mm



111912 Starter 12 V, 2.2 kW

Replacing: 1810A053, M002T84071, M002T84071ZT, M002T87071, M002T87071ZT, M002T87072, M002T87072ZT, M002T87971

Servicing: Hyundai, Mitsubishi, Proton

B+ M8, Length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 76.90 B: 2.50 mm



111913 Starter 24 V, 3.2 kW

Replacing: 34466-15101, 34466-15102, M002T65271, M002T65272, M002T65275, M003T54071, M003T54072, M005T27671

Servicing: Mitsubishi

B+ M8, Length 250.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0), Oil sealed

A: 82.50 B: 22.75 mm



111970 Starter 12 V, 1.0 kW

Replacing: M000T80081, M0T80081

Servicing: Mazda, Mercedes-Benz

B+ M8, Length 196.70, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (2)

A: 74.00 B: 15.50 mm



111971 Starter 12 V, 1.2 kW

Replacing: M000T30771, M000T80581, M000T81281, M000T81283, M000T81284, M00332022D, M0T30771, M0T80581

Servicing: Mitsubishi

B+ M8, Length 195.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 10.00 mm



111994 Starter 12 V, 0.7 kW

Replacing: M000T45071ZT, M002T13081, M0T45071, M0T45071ZT, M2T13081

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 178.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

B: -5.00 mm



112053 Starter 12 V, 2.2 kW

Replacing: M002T80582, M002T84771, M2T80582, M2T84771

Servicing: Citroen, Peugeot

B+ M8, Length 272.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 74.00 B: -6.00 mm



112103 Starter 12 V, 2.2 kW

Replacing: M002T87671, M2T87671

Servicing: Opel, Renault, Vauxhall

B+ M8, Length 272.55, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 72.00 B: 0.50 mm



112177 Starter 12 V, 1.7 kW

Replacing: M001T66081, M002T58971, M1T66081, M2T58971

Servicing: Ford, New Holland

B+ M8, Length 213.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



112178 Starter 12 V, 1.6 kW

Replacing: M002T50271, M002T50281, M002T50285, M2T50271, M2T50281, M2T50285, MM317600

Servicing: Komatsu, Mitsubishi, Pel Job, Toro, Vetus

B+ M8, Length 228.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm



112185 Starter 12 V, 1.2 kW
 Replacing: M002T53681, M2T53681
 Servicing: LDV, Mitsubishi, Pel Job, Vetus
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 76.90 B: 18.00 mm



112215 Starter 12 V, 0.95 kW
 Replacing: M003T48181, M3T48181
 Servicing: Mazda
 B+ M8, Length 202.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (2)
 A: 74.00 B: 15.00 mm



112267 Starter 12 V, 2.5 kW
 Replacing: M003T90071, M003T90072,
 M3T90071, M3T90072
 Servicing: Bobcat, Cummins, Ford
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Oil sealed
 A: 89.00 B: 46.50 mm



112295 Starter 12 V, 1.7 kW
 Replacing: MD329260
 Servicing: Mitsubishi, Renault, Volvo
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -0.50 mm



112300 Starter 12 V, 1.4 kW
 Replacing: M000T85681, M000T85681ZC,
 M000T85881, M001T76481, M001T79581,
 M001T86181, MOT85681, MOT85681ZC
 Servicing: Chevrolet, Suzuki
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 66.00 B: 4.50 mm



112301 Starter 12 V, 1.2 kW
 Replacing: M001T79481, M001T79482,
 M1T79481, M1T79482
 Servicing: Dodge, Jeep
 B+ M8, Length 207.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 60.00 B: 18.00 mm



112323 Starter 24 V, 5.0 kW
 Replacing: M003T56174, M003T56181,
 M003T56182, M003T56183, M3T56172,
 M3T56174, M3T56181, M3T56182, M3T56183
 Servicing: Caterpillar, Mitsubishi
 B+ M10, Length 292.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0), Oil sealed
 A: 82.00 B: 23.00 mm



112342 Starter 24 V, 5.5 kW
 Replacing: M003T95071, M003T95072,
 M003T95073, M003T95081, M003T95082,
 M004T55072, M004T55076, M004T55077
 Servicing: Hyundai, Mitsubishi
 B+ M10, Length 368.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 100.00 B: 68.00 mm



112368 Starter 12 V, 1.4 kW
 Replacing: M000T60081, M000T60081A,
 M000T60082, MOT60081, MOT60081A, MOT60082
 Servicing: Nissan
 B+ M8, Length 199.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 82.50 B: 7.00 mm



112370 Starter 12 V, 2.2 kW
 Replacing: 1810A050, 1810A050R,
 M008T75071, M008T75071A, M008T75073,
 M008T75073A, M008T75074, M008T75074ZT
 Servicing: Mitsubishi
 B+ M8, Length 240.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 77.00 B: 9.00 mm



112441 Starter 12 V, 2.3 kW
 Replacing: MK666919
 Servicing: Iveco, Mitsubishi, Multicar, Renault
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 81.00-84.00 mm.
 Alternative no.: 115505
 A: 84.00 B: 27.00 mm



112474 Starter 12 V, 1.8 kW
 Replacing: 1810A048, M001T85681,
 M001T85682, M001T85981, M1T85681,
 M1T85682, M1T85981, MW30620657
 Servicing: Mitsubishi, Nissan, Opel, Renault,
 Suzuki, Vauxhall, Volvo
 B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 4 (3)
 B: -2.00 mm



112822 Starter 24 V, 4.5 kW
 Replacing: M008T61671, M8T61671
 Servicing: Irisbus, Iveco
 B+ M10, Length 293.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 Alternative no.: 115880
 A: 89.00 B: 49.00 mm



112846 Starter 12 V, 1.4 kW
 Replacing: M001T78581, M001T78581ZC,
 M1T78581, M1T78581ZC
 Servicing: Chrysler, Dodge
 B+ M8, Length 231.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (0)
 A: 81.90 B: 7.70 mm



113038 Starter 12 V, 0.7 kW
 Replacing: M002T44781, M2T44781, MD301350
 Servicing: Mitsubishi, Subaru
 B+ M8, Length 189.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 2 (2)
 A: 77.00 B: 11.00 mm



113040 Starter 12 V, 0.9 kW
 Replacing: M003T44081, M003T44081ZT,
 M003T44091ZT, M003T44181, M003T44182,
 M3T44081, M3T44081ZT, M3T44091ZT
 Servicing: Mitsubishi
 B+ M8, Length 190.50, Drive type Steel,
 Gear type DD/GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 76.90 B: 10.00 mm



113044 Starter 12 V, 1.4 kW
 Replacing: M001T76081, M001T76081ZC,
 M001T76082, M001T76082ZC, M1T76081,
 M1T76081ZC, M1T76082, M1T76082ZC
 Servicing: Jeep
 B+ M8, Length 237.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 72.00 B: 23.00 mm



113129 Starter 24 V, 4.5 kW
 Replacing: M003T56070, M003T56071,
 M003T56072, M003T56073, M003T56074,
 M003T56075, M003T56082, M003T56084
 Servicing: Mitsubishi
 B+ M10, Length 290.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 110.00 B: 64.50 mm



113141 Starter 12 V, 0.8 kW
 Replacing: M002T32581, M002T43481,
 M002T43681, M002T43781, M002T43881,
 M2T32581, M2T43481, M2T43681, M2T43781
 Servicing: Mitsubishi, New Holland, Onan
 B+ M8, Length 210.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 73.90 B: 29.50 mm



113194 Starter 24 V, 3.2 kW
 Replacing: M002T64271, M002T64272,
 M003T52071, M2T64271, M2T64272,
 M3T52071, ME017001, ME017004
 Servicing: Caterpillar, Mitsubishi
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 99.90 B: 22.00 mm



113195 Starter 24 V, 3.2 kW
 Replacing: M008T80071, M008T80071A,
 M008T80071B, M008T85071, M8T80071,
 M8T80071A, M8T80071B, M8T85071
 Servicing: Mitsubishi
 B+ M8, Length 257.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 59.90 B: 17.00 mm



113210 Starter 24 V, 3.2 kW
 Replacing: M002T64371, M002T64373,
 M2T64371, M2T64372, M2T64373
 Servicing: Nissan
 B+ M8, Length 240.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 A: 105.00 B: 11.00 mm



113254 Starter 12 V, 1.4 kW
 Replacing: M000T22472, M000T93581,
 M000T93582, M0T22472, M0T93581, M0T93582
 Servicing: Citroen, DS, Fiat, Opel, Peugeot,
 Toyota
 B+ M8, Length 206.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 4 (2)
 A: 62.00 B: 14.00 mm



113319 Starter 12 V, 2.2 kW
 Replacing: M008T71371, M008T71371ZE,
 M008T75371, M8T71371, M8T71371ZE, M8T75371
 Servicing: Nissan
 B+ M8, Length 233.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 72.50 B: 55.50 mm



113323 Starter 12 V, 1.7 kW

Replacing: M008T71471, M008T71471ZE, M8T71471, M8T71471ZE

Servicing: Nissan

B+ M8, Length 233.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 70.00 B: 54.00 mm



113445 Starter 12 V, 2.2 kW

Replacing: M002T84171, M002T84171ZT, M002T84571, M002T87171, M002T87171ZT, M002T87371, M002T88071, M2T84170

Servicing: Hyundai, Mitsubishi

B+ M8, Length 239.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 9.00 mm



113551 Starter 12 V, 2.2 kW

Replacing: M008T70971, M8T70971

Servicing: Kubota

B+ M8, Length 258.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 27.00 mm



113618 Starter 12 V, 1.6 kW

Replacing: M000T91181, M000T91181ZC, M000T91182, M000T91182ZC, M001T84981, M001T84981ZC, M0T91181, M0T91181ZC

Servicing: Jeep

B+ M8, Length 215.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 64.90 B: 6.00 mm



113638 Starter 12 V, 1.4 kW

Replacing: M000T81181, M001T84883, M001T84884, M00356178D, M0T81181, M1T84883, M1T84883ZC, M1T84884, M356178D

Servicing: Chrysler, Hyundai, Kia, Mitsubishi

B+ M8, Length 194.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 77.00 B: 10.50 mm



113642 Starter 12 V, 1.6 kW

Replacing: M001T86782ZC, M001T86883ZC, M001T86884ZC, M1T86782, M1T86782ZC, M1T86883ZC, M1T86884ZC

Servicing: Jeep

B+ M8, Length 228.50, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 2 (2)

A: 65.00 B: 5.60 mm



113644 Starter 12 V, 1.2 kW

Replacing: M000T84585, M002T42881, M0T84585, M2T42881

Servicing: Nissan

B+ M8, Length 189.80, Drive type Steel, Gear type DD/GR, Mount. holes 2 (1)

A: 69.90 B: 10.60 mm



113659 Starter 12 V, 0.9 kW

Replacing: M002T47281, M2T47281

Servicing: Hyundai, Kia

B+ M8, Length 186.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm



113668 Starter 12 V, 1.2 kW

Replacing: M002T58581, M002T58881, M2T58581, M2T58881, MM115518, MM115519

Servicing: Clark, Mitsubishi

B+ M8, Length 208.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

With and without bendixhousing are interchangeable

A: 77.00 B: 18.00 mm



113669 Starter 24 V, 5.0 kW

Replacing: M008T60071, M008T60071A, M3T56076, M8T60071, M8T60071A, ME077796

Servicing: Caterpillar

B+ M8, Length 287.80, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 109.70 B: 66.00 mm



113672 Starter 24 V, 5.5 kW

Replacing: M009T60471, M009T60473, M009T61571, M9T60471, M9T60473, M9T61571

Servicing: Renault V.I.

B- M10, B+ M10, Length 350.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

w/ safety switch.

Alternative no.: 115881

A: 92.00 B: 47.00 mm



113673 Starter 24 V, 5.5 kW

Replacing: M009T60371, M009T60372, M9T60371, M9T60372

Servicing: Renault V.I.

B- M10, B+ M10, Length 350.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 40.00 mm


113676 Starter 24 V, 5.5 kW

Replacing: M009T60671, M009T60672, M9T60671, M9T60672

Servicing: Renault V.I.

B- M10, B+ M10, Length 350.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0) w/ safety switch.

Alternative no.: 115883

A: 89.00 B: 40.00 mm


113702 Starter 12 V, 2.2 kW

Replacing: M002T87271, M002T8721ZT, M2T87271, M2T8721ZT

Servicing: Ford, Mazda

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 81.50 B: 17.50 mm


113795 Starter 12 V, 1.0 kW

Replacing: M000T90981, M0T90981, MOT90981

Servicing: Mazda

B+ M8, Length 208.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 82.30 B: 22.00 mm


113819 Starter 12 V, 1.4 kW

Replacing: M000T87601, M000T87681, MOT87601, MOT87681

Servicing: Mazda

Gear type GR


113821 Starter 12 V, 1.4 kW

Replacing: M0T20371, M0T20371ZC

Servicing: Acura, Honda

B+ M8, Length 210.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 75.00 B: 33.00 mm


113827 Starter 24 V, 7.0 kW

Replacing: M009T82171, M9T82171, M9T82171AM

Servicing: Cummins, Ford, Various Industrial applications

B- M12, B+ M12, Length 406.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 46.95 mm


113830 Starter 24 V, 5.5 kW

Replacing: M009T61171, M9T61171, M9T61171ZA

Servicing: Volvo

B- M10, B+ M10, Length 360.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0) Over Crank Protection.

Alternative no.: 115884

A: 92.00 B: 48.00 mm


113851 Starter 24 V, 7.5 kW

Replacing: M009T80471, M009T80472, M009T80473, M009T83671, M009T83672, M009T84771, M9T80471, M9T80472

Servicing: Mercedes-Benz

B+ M12, Length 348.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 39MT.

Alternative no.: 115885

A: 92.00 B: 47.70 mm


113897 Starter 12 V, 1.4 kW

Replacing: M000T21471, M000T87881, M00T87881, MOT21471, MOT87881, MOT87881

Servicing: Dacia, Mercedes-Benz, Nissan, Renault, Suzuki

B+ M8, Length 201.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 62.90 B: -0.07 mm


113906 Starter 12 V, 1.2 kW

Replacing: M000T89182ZC, MOT89182ZC

Servicing: Ford, Volvo

B+ M8, Length 214.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

B: 29.00 mm


113927 Starter 12 V, 1.4 kW

Replacing: M000T81291, M000T86181, M000T91581, MOT81291, MOT86181, MOT91581

Servicing: Dacia, Nissan, Renault

B+ M8, Length 198.00, Gear type GR, Mount. holes 3 (2)

A: 65.00 B: -1.30 mm


113930 Starter 12 V, 1.4 kW

Replacing: M001T85781, M1T85781

Servicing: Dacia, Renault

B+ M8, Length 216.00, Gear type GR, Mount. holes 3 (3)

A: 65.00 B: -2.00 mm


113931 Starter 12 V, 1.7 kW

Replacing: M001T30071, M001T30072, M1T30071, M1T30072, M1T30073

Servicing: Alfa Romeo, Cadillac, Chevrolet, Fiat, Lancia, Opel, Saab, Vauxhall

B+ M8, Length 238.00, Gear type GR, Mount. holes 3 (0)

A: 82.00 B: 9.00 mm


113932 Starter 12 V, 0.85 kW

Replacing: M000T46371, M000T46371ZT, M0T46371, M0T46371ZT

Servicing: Dacia, Lada, Nissan, Renault

B+ M8, Length 168.00, Gear type DD, Mount. holes 3 (3)

B: -3.00 mm


113933 Starter 12 V, 1.5 kW

Replacing: M000T22471, M0T22471, M0T22473

Servicing: Citroen, DS, Mini, Opel, Peugeot, Toyota

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Mount. holes 4 (2)

A: 62.00 B: 14.00 mm


113960 Starter 12 V, 0.9 kW

Replacing: M000T32271, M000T32271ZE, M000T32272ZE, M0T32271, M0T32271ZE, M0T32272, M0T32272ZE

Servicing: Citroen, DS, Mini, Opel, Peugeot, Vauxhall

B+ M8, Length 194.00, Gear type GR, Mount. holes 4 (2) A. Measure = 60.00-64.00 mm.

A: 64.00 B: 13.00 mm


113964 Starter 12 V, 2.2 kW

Replacing: M002TS0571, M002TS0575, M2TS0571, M2TS0571, M2TS0575

Servicing: Nissan

B+ M8, Length 267.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 31.00 mm


113977 Starter 12 V, 2.2 kW

Replacing: M002T88971, M2T88971, M2T88971ZC

Servicing: Chrysler, Dodge

B+ M8, Length 251.00, Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 9.00 mm


113984 Starter 24 V, 5.0 kW

Replacing: M009T61671, M9T61671

Servicing: Iveco

B+ M10, Length 320.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.80 mm


113995 Starter 12 V, 1.7 kW

Replacing: 31B66-00100, 31B66-00101, M001T68281, M1T68281

Servicing: Caterpillar

B+ M8, Length 222.00, Gear type GR, Mount. holes 2 (0)

A: 77.00 B: 29.50 mm


114003 Starter 12 V, 5.0 kW

Replacing: M009T70172, M009T70173, M009T72271, M9T70172, M9T70173, M9T72271

Servicing: Mercedes-Benz

B+ M12, Length 345.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


114038 Starter 12 V, 2.2 kW

Replacing: M008T77071, M008T77072, M008T77074, M008T77075, M8T77071, M8T77072, M8T77074, M8T77075

Servicing: Bobcat, Hitachi, Ingersoll-Rand, JCB

B+ M8, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.00 mm


114057 Starter 12 V, 1.1 kW

Replacing: M000T45371ZT, M0T45371, M0T45371ZT

Servicing: Renault

B+ M8, Length 177.00, Gear type DD, Mount. holes 3 (3)

A: 62.00 B: 1.00 mm


114058 Starter 12 V, 1.7 kW

Replacing: M001T30171, M001T30172, M001T30173, M1T30171, M1T30172, M1T30173

Servicing: Opel, Saab, Vauxhall

B+ M8, Length 220.00, Gear type GR, Mount. holes 3 (0)

A: 82.00 B: 4.00 mm


114059 Starter 12 V, 2.3 kW

Replacng: M002T88671, M2T88671

Servicing: Mazda

B+ M8, Length 226.00, Gear type GR, Mount. holes 3 (3)

A: 88.00 B: 5.00 mm


114060 Starter 12 V, 1.0 kW

Replacng: M000T36071, M000T36071ZE, M002T46781ZE, M0T36071, M0T36071ZE, M2T46781, M2T46781ZE

Servicing: Suzuki

B+ M8, Length 183.00, Gear type DD/GR, Mount. holes 2 (2)

A: 70.00 B: 28.00 mm


114061 Starter 12 V, 2.0 kW

Replacng: M002T85271, M2T85271

Servicing: Suzuki

B+ M8, Length 227.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 66.00 B: 3.00 mm


114074 Starter 12 V, 2.2 kW

Replacng: M001T80681, M1T80681

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8, Length 215.00, Gear type GR, Mount. holes 3 (3)

A: 76.50 B: 13.50 mm


114086 Starter 24 V, 5.5 kW

Replacng: M009T64371, M009T65271, M009T66171, M9T64371, M9T65271, M9T66171

Servicing: Mercedes-Benz

B+ M10, Length 329.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 115896

A: 89.00 B: 48.00 mm


114100 Starter 24 V, 7.5 kW

Replacng: M009T80071, M9T80071, M9T80272

Servicing: Renault V.I.

B+ M12, Length 380.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


114108 Starter 12 V, 0.9 kW

Replacng: M000T45271, M000T45271ZT, M000T45275, M000T45275ZT, M0T45271, M0T45271ZT, M0T45275, M0T45275ZT

Servicing: Mitsubishi, Smart (MCC)

B+ M8, Length 205.00, Gear type DD, Mount. holes 2 (0)

A: 75.00 B: 44.00 mm


114144 Starter 12 V, 2.0 kW

Replacng: M002T88571, M2T88571

Servicing: Chrysler

B+ M8, Length 227.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.95 mm


114167 Starter 12 V, 3.0 kW

Replacng: M008T50471, M8T50471, M8T50473

Servicing: Aebi, Bobcat, Bomag, Caterpillar, Hyundai, Kawasaki, Kubota, Manitou, Mitsubishi, TCM

B+ M8, Length 287.30, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 27.00 mm


114169 Starter 24 V, 5.0 kW

Replacng: 32B66-00200, 32B66-00202, M008T60371, M008T60372, M008T60373, M8T60371, M8T60372, M8T60373

Servicing: Caterpillar, Mitsubishi

B+ M8, Length 287.50, Gear type GR, Mount. holes 2 (0)

w/ safety switch.

A: 82.50 B: 22.60 mm


114180 Starter 12 V, 0.8 kW

Replacng: M000T45171, M000T45171ZT, M0T45171, M0T45171ZT

Servicing: Dacia, Renault

B+ M8, Length 176.50, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 66.00 B: -1.00 mm


114183 Starter 12 V, 1.8 kW

Replacng: 1810A002, M001T30271, M1T30271, MN960265

Servicing: Mitsubishi, Smart (MCC)

B+ M8, Length 247.00, Gear type GR, Mount. holes 2 (0)

A: 70.00 B: 34.50 mm



114185 Starter 24 V, 3.2 kW
 Replacing: M008T80371, M008T80373,
 M8T80371, M8T80373
 Servicing: Isuzu, Kobelco
 B+ M8, Length 259.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



114193 Starter 24 V, 5.5 kW
 Replacing: M009T61471, M009T61472,
 M009T64973, M009T64973AM, M9T61471,
 M9T61471AM, M9T61472, M9T64973
 Servicing: Renault, Renault V.I., Volvo
 B- M10, B+ M10, Length 350.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115877*
 A: 89.00 B: 48.00 mm



114217 Starter 12 V, 2.0 kW
 Replacing: 1810A062, 1810A143,
 M001T93071, M001T93171ZC, M001T93371,
 M001T93371ZC, M001T93571, M1T93071
 Servicing: Dodge, Jeep, Mitsubishi
 B+ M8, Length 232.00, Gear type GR,
 Mount. holes 3 (0)
 B: 42.00 mm



114225 Starter 12 V, 1.6 kW
 Replacing: M001T85881, M001T85881ZC,
 M1T85881, M1T85881ZC
 Servicing: Case IH, Chevrolet, GEO, Suzuki
 B+ M8, Length 207.00, Gear type GR,
 Mount. holes 2 (0)
 A: 66.00 B: 4.25 mm



114232 Starter 12 V, 2.0 kW
 Replacing: M008T76071, M008T76071ZE,
 M008T76072, M008T76072ZE, M8T76071,
 M8T76071ZE, M8T76072, M8T76072ZE
 Servicing: Nissan
 B+ M8, Length 233.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 31.00 mm



114234 Starter 12 V, 2.0 kW
 Replacing: M001TA0171, M1TA0171,
 M1TA0171AM, M1TA0171ZZ9
 Servicing: Alfa Romeo, Fiat
 B+ M8, Length 213.00, Gear type GR,
 Mount. holes 3 (0)
 A: 60.00 B: 12.00 mm



114237 Starter 12 V, 2.2 kW
 Replacing: M002T88572, M002T88572ZC,
 M2T88572, M2T88572ZC
 Servicing: Chrysler, Jeep
 B+ M8, Length 227.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.50 B: 25.50 mm



114279 Starter 12 V, 2.2 kW
 Replacing: M002T88372, M002T88372ZC,
 M2T88372, M2T88372ZC
 Servicing: Jeep
 B+ M8, Length 227.50, Gear type GR,
 Mount. holes 3 (0)
 A: 82.50 B: 19.00 mm



114280 Starter 24 V, 3.2 kW
 Replacing: M008T80471, M008T80471A,
 M008T80472, M008T80472A, M8T80471,
 M8T80471A, M8T80472, M8T80472A
 Servicing: Caterpillar
 B+ M8, Length 241.00, Gear type GR,
 Mount. holes 2 (0)
 A: 77.00 B: 10.40 mm



114283 Starter 12 V, 2.0 kW
 Replacing: M002T88471, M002T88472,
 M002T88473, M2T88471, M2T88472, M2T88473
 Servicing: Chrysler
 B+ M8, Length 227.00, Gear type GR,
 Mount. holes 3 (2)
 A: 82.50 B: 0.00 mm



114310 Starter 24 V, 7.0 kW
 Replacing: M009T82671, M009T82672,
 M9T82671, M9T82672
 Servicing: Volvo
 B- M12, B+ M12, Length 380.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115888
 A: 92.00 B: 47.00 mm



114323 Starter 24 V, 5.0 kW
 Replacing: M008T62471, M008T62481, M8T62471,
 M008T62481ZZ9, M8T62471AM, M8T62481
 Servicing: Dennis, Renault V.I., Volvo
 B+ M10, Length 295.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115889
 A: 89.00 B: 26.50 mm


114330 Starter 24 V, 8.3 kW

Replacing: M009T82479, M9T82479

Servicing: 39MT, Cummins

B+ M12, B+ M12, Length 418.00,
Drive type Steel, Gear type GR,
Clutch type Dry, Mount. holes 3 (0),
Insulated return Yes

A: 92.00 B: 47.00 mm


114394 Starter 12 V, 2.2 kW

Replacing: M003T67771, M3T67771

Servicing: Yale

B+ M8, Length 275.00, Gear type GR,
Mount. holes 3 (0)

A: 100.00 B: 30.00 mm


114443 Starter 12 V, 0.9 kW

Replacing: M000T32571ZE, M000T32572ZE,
M0T32571, M0T32571ZE, M0T32572ZE

Servicing: Hyundai, Kia

B+ M8, Length 174.50, Gear type GR,
Mount. holes 2 (2)

A: 77.00 B: 21.00 mm


114444 Starter 12 V, 1.6 kW

Replacing: 30L66-10500, M001T68381,
M1T68381, M001T68381

Servicing: Case, Caterpillar, Doosan,
Hyundai, Ingersoll-Rand, Kobelco, Mahindra,
Mitsubishi, New Holland

B+ M8, Length 228.00, Gear type GR,
Mount. holes 2 (2)

A: 77.00 B: 17.00 mm


114445 Starter 24 V, 5.0 kW

Replacing: 32B66-00400, 32B66-02102,
32B66-12100, AG32B66-00400, M008T60871,
M008T60872, M008T60873, M8T60871

Servicing: Caterpillar

B+ M8, Length 288.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 22.50 mm


114460 Starter 12 V, 1.4 kW

Replacing: 1810A101, M000T20871,
M000T20871ZE, M000T20872, M000T20872ZE,
M000T20873, M000T20873ZE, M000T86081

Servicing: Citroen, DS, Fiat, Hyundai, Lancia,
Mitsubishi, Opel, Peugeot

B+ M8, Length 216.00, Gear type GR,
Mount. holes 3 (3)

B: -4.00 mm


114474 Starter 24 V, 5.0 kW

Replacing: M008T60972, M8T60971,
M8T60972, M8T60973

Servicing: Isuzu

B+ M10, Length 287.00, Gear type GR,
Mount. holes 2 (0)

A: 95.00 B: 44.00 mm


114479 Starter 12 V, 1.2 kW

Replacing: M000T65381, M0T65381, M0T65581

Servicing: Caterpillar, Komatsu, Manitou,
Mitsubishi, Nissan, Still, TCM

B+ M8, Length 186.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 83.50 B: 19.00 mm


114485 Starter 12 V, 1.1 kW

Replacing: M000T90881, M000T90884,
M0T90881, M0T90882, M0T90884

Servicing: Kubota, Atlas Copco, Bobcat,
Bomag, Caterpillar, Doosan, Hitachi, Inger-
soll-Rand, JCB, John Deere, Manitou

B+ M8, Length 211.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm


114487 Starter 12 V, 1.0 kW

Replacing: 1810A104, M000T46171,
M000T46171ZT, M0T46171, M0T46171ZT

Servicing: Smart (MCC)

B+ M8, Length 217.70, Gear type DD,
Mount. holes 2 (0)

A: 65.00 B: 52.00 mm


114488 Starter 12 V, 1.2 kW

Replacing: 1810A025, 1810A098,
M000T31071, M000T31171, M000T31771,
M000T32471, M000T81482, M000T81781

Servicing: Mitsubishi

B+ M8, Length 184.50, Gear type GR,
Mount. holes 2 (1)

A: 71.00 B: 9.50 mm


114686 Starter 12 V, 1.3 kW

Replacing: M0T88081, M0T88084

Servicing: Grasshopper

B+ M8, Length 201.50, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 17.50 mm



114696 Starter 12 V, 1.2 kW
Manufacturer: Mitsubishi
Replacing: 30L66-10600, M000T60481, M000T60482, M0T60481, M0T60482
Servicing: Case, New Holland
B+ M8, **Length** 207.00, **Gear type** GR, **Mount. holes** 2 (2)
A: 77.00 **B:** 18.00 mm



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114717 Starter 12 V, 2.7 kW
Replacing: 32A66-02100
Servicing: Various Industrial applications
B+ M10, **Length** 298.00, **Gear type** GR, **Mount. holes** 3 (0)
A: 89.00 **B:** 30.00 mm



114733 Starter 24 V, 5.5 kW
Replacing: M009T62671, M009T65371, M009T65371AM, M009T65371ZZ9, M9T62671, M9T65371, M9T65371AM, M9T65371ZZ9
Servicing: Renault V.I., Volvo
B+ M10, **Length** 318.00, **Gear type** GR, **Mount. holes** 3 (0)
Alternative no.: 115894
A: 89.00 **B:** 27.00 mm



114734 Starter 24 V, 7.0 kW
Replacing: M9T83879
Servicing: Volvo Penta
B- M12, **B+** M12, **Length** 404.30, **Gear type** GR, **Mount. holes** 3 (0), **Insulated return** Yes
A: 92.00 **B:** 47.50 mm



114761 Starter 12 V, 1.0 kW
Replacing: M0T33071, M0T33071ZM
Servicing: Nissan, Suzuki
B+ M8, **Length** 176.00, **Gear type** GR, **Mount. holes** 2 (1)
A: 70.00 **B:** 29.00 mm



114818 Starter 12 V, 3.6 kW
Replacing: M008T55578, M008T55579, M8T55578, M8T55579, M8T55779
Servicing: Volvo Penta
B- M8, **B+** M10, **Length** 314.00, **Gear type** GR, **Mount. holes** 3 (0), **Insulated return** Yes
A: 89.00 **B:** 47.50 mm



114819# Starter 24 V, 5.5 kW
Replacing: M9T65479
Servicing: Volvo Penta
B- M10, **B+** M10, **Length** 356.00, **Gear type** GR, **Mount. holes** 3 (0), **Insulated return** Yes
A: 88.90 **B:** 47.50 mm



114838 Starter 12 V, 4.5 kW
Manufacturer: Prestolite
Replacing: M009T50471, M9T50471
Servicing: Fendt
B+ M10, **Length** 328.00, **Gear type** GR, **Mount. holes** 3 (0)
A: 88.80 **B:** 27.50 mm



114854 Starter 12 V, 2.5 kW
Replacing: 1810A111
Servicing: Citroen, DS, Fiat, Lancia, Mitsubishi, Opel, Peugeot, Vauxhall, VW
B+ M8, **Length** 238.00, **Gear type** GR, **Mount. holes** 5 (5)
B: -5.00 mm



114855 Starter 12 V, 1.2 kW
Replacing: M000T65081, M0T65081
Servicing: Honda
B+ M8, **Length** 201.50, **Gear type** GR, **Mount. holes** 2 (0)
A: 55.00 **B:** 34.00 mm



114871 Starter 12 V, 1.1 kW
Replacing: M000T36971, M000T36971ZE, M0T36971, M0T36971ZE
Servicing: Opel, Suzuki, Vauxhall
B+ M8, **Length** 182.50, **Gear type** GR, **Mount. holes** 2 (1)
A: 70.00 **B:** 28.00 mm



114872 Starter 24 V, 5.5 kW
Replacing: M009T62171, M009T62171AM, M009T62172, M009T62173, M009T62174, M009T62174AM, M009T64171
Servicing: Renault V.I., Volvo
B- M10, **B+** M10, **Length** 344.00, **Gear type** GR, **Mount. holes** 3 (0)
Alternative no.: 115875
A: 92.00 **B:** 46.00 mm



114873 Starter 24 V, 5.5 kW

Replacing: M009T62871, M9T62871

Servicing: Volvo BM

B+ M10, Length 321.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



114885 Starter 12 V, 0.9 kW

Replacing: M003T33281, M3T33281

Servicing: Kia

B+ M8, Length 184.00, Gear type DD, Mount. holes 3 (2)

A: 74.00 B: 12.50 mm



114893 Starter 24 V, 4.2 kW

Replacing: M8T87171, M8T87171M, ME080740

Servicing: Kobelco

B+ M8, Length 274.00, Gear type GR, Mount. holes 2 (0)

A: 100.00 B: 21.00 mm



115327 Starter 12 V, 2.0 kW

Replacing: M2T85671, M2T85672

Servicing: Honda

B+ M8, Length 241.00, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 33.00 mm



115330 Starter 12 V, 2.2 kW

Replacing: M008T75971, M8T75971, M8T76171, ME193061, ME193880

Servicing: Mitsubishi

B+ M8, Length 241.00, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 10.00 mm



115349 Starter 12 V, 1.2 kW

Replacing: M000T86581, M0T86581

Servicing: Suzuki

B+ M8, Length 174.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 28.00 mm



115359 Starter 12 V, 1.2 kW

Replacing: 1810A001, M000T20671, M000T20672, M0T20671, M0T20672, MN153444

Servicing: Mitsubishi

B+ M8, Length 189.00, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 10.00 mm



115360 Starter 12 V, 1.4 kW

Replacing: M000T35471, M0T35471

Servicing: Alfa Romeo, Fiat

B+ M8, Length 191.50, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 31.00 mm



115361 Starter 12 V, 1.0 kW

Replacing: M000T32171, M000T32172, M000T32172ZE, M000T32173ZE, M000T32177, M000T32178ZE, M0T32171, M0T32172

Servicing: Dacia, Nissan, Renault

B+ M8, Length 182.00, Gear type GR, Mount. holes 4 (4)

A: 70.00 B: 18.50 mm



115377 Starter 12 V, 1.0 kW

Replacing: M000T65585, M0T65585

Servicing: Nissan

B+ M8, Length 185.50, Gear type GR, Mount. holes 2 (0)

A: 83.50 B: 19.00 mm



115378 Starter 12 V, 2.5 kW

Replacing: M8T71671

Servicing: Kubota

B+ M8, Length 259.00, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 26.00 mm



115426 Starter 12 V, 1.0 kW

Replacing: M000T33671ZT, M000T37871, M000T37871ZE, M0T37871, M0T37871ZE, M0TD0971

Servicing: Nissan

B+ M8, Length 170.00, Gear type DD, Mount. holes 2 (2)

B: 21.00 mm



115439 Starter 24 V, 7.0 kW
 Replacing: M9T83771
 Servicing: Scania
 B+ M10, Length 349.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115876
 A: 92.00 B: 47.50 mm



115440 Starter 24 V, 7.0 kW
 Replacing: M009T83071, M9T82771, M9T83071
 Servicing: MAN
 B+ M10, Length 350.00, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



115442 Starter 12 V, 0.8 kW
 Replacing: M002T13281, M002T13581,
 M002T48381, M2T13281, M2T13581, M2T48381
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 170.50, Gear type DD,
 Mount. holes 3 (3)
 A: 66.00 B: -1.00 mm



115448 Starter 12 V, 1.4 kW
 Replacing: 1810A011, 1810A205,
 M000T21571, M000T32071, M000T32071ZC,
 M000T38771, M00T38771, MOT21571,
 MOT32071
 Servicing: Chrysler, Citroen, Dodge, Jeep,
 Mitsubishi
 B+ M8, Length 198.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 28.50 mm



115451 Starter 24 V, 5.5 kW
 Replacing: M009T66471, M009T66471ZT,
 M009T67671, M009T68871, M9T64071,
 M9T66471, M9T66471ZT, M9T67671
 Servicing: Volvo
 B- M10, B+ M10, Length 355.00,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



115525 Starter 12 V, 1.2 kW
 Replacing: MOT60381
 Servicing: Honda
 B+ M8, Length 208.00, Gear type GR,
 Mount. holes 2 (0)
 A: 55.00 B: 34.00 mm



115538 Starter 12 V, 1.4 kW
 Manufacturer: Mitsubishi
 Replacing: M000T21671, MOT21671
 Servicing: Suzuki
 B+ M8, Length 189.00, Gear type GR,
 Mount. holes 2 (1)
 A: 66.00 B: 5.00 mm



115553 Starter 12 V, 1.0 kW
 Replacing: M000T91381, MOT91381
 Servicing: Mazda
 B+ M8, Length 200.00, Gear type GR,
 Mount. holes 3 (3)
 Can also be delivered w/ 2 mounting holes
 2(2).
 A: 74.00 B: 15.00 mm



115556 Starter 24 V, 5.5 kW
 Replacing: M009T61971, M9T61971,
 M9T62071
 Servicing: MAN, Neoplan
 B+ M10, Length 319.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115886
 A: 92.00 B: 47.00 mm



115573 Starter 12 V, 2.2 kW
 Replacing: M2T88371
 Servicing: Jeep
 B+ M8, Length 226.00, Gear type GR,
 Mount. holes 3 (0)
 A: 82.50 B: 19.00 mm



115593 Starter 24 V, 5.5 kW
 Replacing: M009T61473, M009T61474,
 M009T64971, M009T64972, M009T68771,
 M9T61473, M9T61474, M9T64971, M9T64972
 Servicing: Renault V.I., Volvo
 B- M10, B+ M10, Length 355.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115887
 A: 89.00 B: 47.00 mm



115597 Starter 12 V, 1.4 kW
 Replacing: M000T35671, MOT35671,
 MOT35672
 Servicing: Chevrolet, Opel, Saab, Vauxhall
 B+ M8, Length 198.15, Gear type GR,
 Mount. holes 3 (0)
 A: 68.50 B: 30.00 mm



115599 Starter 12 V, 1.4 kW
 Replacing: M000T36371, M0T36371
 Servicing: Mazda
 B+ M8, Length 210.20, Gear type GR,
 Mount. holes 2 (0)
 B: 22.00 mm



115627 Starter 12 V, 2.0 kW
 Replacing: M002T85871, M2T85871
 Servicing: Honda
 B+ M8, Length 248.50, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 33.00 mm



115639 Starter 12 V, 1.0 kW
 Replacing: M000T32771, M0T32771
 Servicing: Changan Ford Mazda, Mazda
 B+ M8, Length 172.50, Gear type GR,
 Mount. holes 3 (3)
 A: 74.00 B: 15.50 mm



115640 Starter 12 V, 1.0 kW
 Replacing: M000T92981, M0T92981
 Servicing: Renault
 B+ M8, Length 194.00, Gear type GR,
 Mount. holes 3 (3)
 A: 63.00 B: 0.00 mm



115727 Starter 12 V, 2.2 kW
 Replacing: M002TS0671, M002TS0671ZE,
 M2TS0671, M2TS0671ZE
 Servicing: Nissan
 B+ M8, Length 236.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 31.00 mm



115728 Starter 12 V, 1.2 kW
 Replacing: M000T93381, M0T93381
 Servicing: Renault
 B+ M8, Length 195.00, Gear type GR,
 Mount. holes 3 (3)
 A: 63.00 B: 0.00 mm



115731 Starter 24 V, 5.0 kW
 Replacing: M008T62771, M8T62771
 Servicing: MAN
 B+ M10, Length 299.50, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115891# 5★
 A: 89.00 B: 27.00 mm



115756# Starter 24 V, 7.0 kW
 Replacing: M009T80271, M9T80271
 Servicing: Renault V.I.
 B- M12, B+ M12, Length 389.00,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



115757 Starter 12 V, 0.9 kW
 Replacing: M000TD0271, M000TD0271ZE,
 M0TD0271, M0TD0271ZE
 Servicing: Hyundai, Kia
 B+ M8, Length 185.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 22.00 mm



115778 Starter 12 V, 1.4 kW
 Replacing: M000T88381, M0T88381
 Servicing: Suzuki
 B+ M8, Length 196.00, Gear type GR,
 Mount. holes 3 (2)
 A: 65.00 B: -1.50 mm



115802 Starter 24 V, 3.2 kW
 Replacing: M008T81571, M8T81571
 Servicing: John Deere, New Holland
 B+ M8, Length 259.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 21.50 mm



115830 Starter 12 V, 2.0 kW
 Replacing: M002T86271, M2T86271
 Servicing: Chevrolet, Opel, Vauxhall
 B+ M8, Length 232.50, Gear type GR,
 Mount. holes 2 (1)
 A: 78.00 B: 18.00 mm



115840 Starter 24 V, 5.5 kW
 Replacing: M009T20171, M9T20171, M9T20172
 Servicing: Mercedes-Benz
 B+ M10, Length 326.00, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 49.00 mm



115842 Starter 12 V, 1.0 kW
 Replacing: M000T45971, M000T45971ZT,
 MOT45971, MOT45971ZT
 Servicing: Renault
 B+ M8, Length 177.00, Gear type GR,
 Mount. holes 3 (3)
 A: 62.00 B: 0.00 mm



115875 5★ Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: M009T62171, M009T62172,
 M009T62173, M009T64171, M009T64171ZT,
 M009T66371, M009T66372, M009T66373AM
 Servicing: Renault V.I., Volvo
 B+ M10, Length 320.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 114872
 A: 92.00 B: 47.00 mm



115876 5★ Starter 24 V, 7.0 kW
 Manufacturer: Mitsubishi
 Replacing: M9T83771
 Servicing: Scania
 B+ M10, Length 348.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115439
 A: 92.00 B: 47.50 mm



115877 5★ Starter 24 V, 5.5 kW
 Manufacturer: Bosch
 Replacing: M009T61471, M9T61471AM
 Servicing: Renault, Renault V.I., Volvo
 B- M10, B+ M10, Length 344.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114193
 A: 89.00 B: 47.50 mm



115880 5★ Starter 24 V, 4.5 kW
 Manufacturer: Denso
 Replacing: M008T61671, M8T61671
 Servicing: Irisbus, Iveco
 B- M8, B+ M8, Length 301.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 112822
 A: 89.00 B: 49.00 mm



115881 5★ Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: M009T60471, M009T60473,
 M009T61571, M9T60471, M9T60473, M9T61571
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 350.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 113672
 A: 92.00 B: 47.00 mm



115883 5★ Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: M009T60671, M009T60672,
 M9T60671, M9T60672
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 352.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 113676
 A: 89.00 B: 40.00 mm



115884 5★ Starter 24 V, 5.5 kW
 Manufacturer: Bosch
 Replacing: M009T61171, M9T61171, M9T61171ZA
 Servicing: Volvo
 B- M10, B+ M10, Length 342.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 113830
 A: 92.00 B: 48.00 mm



115885 5★ Starter 24 V, 7.5 kW
 Manufacturer: Mitsubishi
 Replacing: M009T80472, M009T80473,
 M009T84771, M9T80471, M9T80472,
 M9T80473, M9T83671, M9T83672, M9T84771
 Servicing: Mercedes-Benz
 B+ M12, Length 348.50, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 113851
 A: 92.00 B: 47.50 mm



115886 5★ Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: M009T61971, M9T61971
 Servicing: MAN, Neoplan, Scania
 B+ M10, Length 320.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115556
 A: 92.00 B: 47.50 mm



115887 5★ Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: M009T61473, M009T61474,
 M009T64971, M009T64972, M009T68771,
 M9T61473, M9T61474, M9T64971, M9T64972
 Servicing: Volvo
 B+ M10, Length 320.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115593
 A: 89.00 B: 47.50 mm



115888 5★ Starter 24 V, 7.0 kW

Manufacturer: Mitsubishi

Replacing: M009T82671, M009T82672, M9T82671, M9T82672

Servicing: Volvo

B- M12, B+ M12, Length 380.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 114310

A: 92.00 B: 47.50 mm



115889 5★ Starter 24 V, 5.0 kW

Manufacturer: Mitsubishi

Replacing: M008T62471, M008T62481, M8T62471, M008T62481ZZ9, M8T62471AM, M8T62481

Servicing: Dennis, Mercedes-Benz, Renault V.I., Volvo

B+ M10, Length 296.50, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 114323

A: 89.00 B: 27.50 mm



115891# 5★ Starter 24 V, 5.0 kW

Manufacturer: Mitsubishi

Replacing: M008T62771, M8T62771

Servicing: MAN

B+ M10, Length 298.00, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 115731

A: 89.00 B: 28.00 mm



115894 5★ Starter 24 V, 5.5 kW

Manufacturer: Mitsubishi

Replacing: M009T62671, M009T65371, M009T65371AM, M009T65371ZZ9, M9T62671, M9T65371, M9T65371AM, M9T65371ZZ9

Servicing: MAN, Renault V.I., Volvo

B+ M10, Length 327.50, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 114733

A: 89.00 B: 27.00 mm



115896 5★ Starter 24 V, 5.5 kW

Manufacturer: Mitsubishi

Replacing: M009T64371, M009T65271, M009T66171, M9T64371, M9T65271, M9T66171

Servicing: Mercedes-Benz

B+ M10, Length 320.00, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 114086

A: 89.00 B: 48.00 mm



116087 Starter 24 V, 5.5 kW

Replacing: M009T65571, M9T65571

Servicing: MAN

B+ M10, Length 327.50, Gear type GR,

Mount. holes 3 (0)

A: 92.00 B: 47.50 mm



116166 Starter 12 V, 1.2 kW

Replacing: M4T14673, M4T14674, M4T14681, MD021666, MM401600

Servicing: Mitsubishi

B+ M8, Length 206.00, Gear type GR,

Mount. holes 2 (0)

A: 77.00 B: 17.50 mm



116250 Starter 12 V, 1.2 kW

Replacing: 1810A176, M000T20472, MOT20472, MN176584

Servicing: Chang Feng, Mitsubishi

B+ M8, Length 200.00, Gear type GR,

Mount. holes 2 (2)

A: 73.00 B: 10.50 mm



116251 Starter 12 V, 1.2 kW

Replacing: M000T89281, M000T89281ZC, MOT89281, MOT89281ZC

Servicing: Mazda

B+ M8, Length 201.00, Gear type GR,

Mount. holes 2 (1)

A: 74.00 B: 6.80 mm



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116252* Starter 12 V

Replacing: M001T81582, M1T81582

Servicing: Mazda



116253 Starter 12 V, 1.4 kW

Replacing: M000T37971, M000T37971ZE, MOT37971, MOT37971ZE

Servicing: Nissan

B+ M8, Length 200.00, Gear type GR,

Mount. holes 4 (4)

A: 70.00 B: 20.00 mm



116262 Starter 12 V, 0.8 kW

Replacing: M000T46571ZT, M000T46572, M000T46572ZT, MOT46571ZT, MOT46572ZT

Servicing: Dacia, Renault

B+ M8, Length 177.00, Gear type DD,

Mount. holes 3 (3)

A: 64.00 B: 0.5 mm



116267 Starter 12 V, 1.8 kW
 Replacing: M001T31171, M001T31171ZC, M1T31171, M1T31171ZC
 Servicing: Fiat
 B+ M8, Length 223.00, Gear type GR, Mount. holes 2 (0)
 A: 82.00 B: 3.50 mm



116269 Starter 12 V, 1.2 kW
 Replacing: M000T32871, M0T32871
 Servicing: Hongqi, Mazda
 B+ M8, Length 211.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



116270 Starter 12 V, 1.2 kW
 Replacing: M000T38071, M000T38071ZE, M0T38071, M0T38071ZE
 Servicing: Suzuki
 B+ M8, Length 193.00, Gear type GR, Mount. holes 2 (1)
 A: 70.00 B: 28.00 mm



116274 Starter 12 V, 1.4 kW
 Replacing: M000T38271, M0T38271
 Servicing: Mazda, Mercedes-Benz
 B+ M8, Length 204.50, Gear type GR, Mount. holes 3 (3)
 A: 74.00 B: 15.50 mm



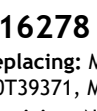
116275 Starter 12 V, 1.0 kW
 Replacing: M000T33971, M0T33971
 Servicing: Changan Ford Mazda, Mazda
 B+ M8, Length 173.00, Gear type GR, Mount. holes 3 (3)
 A: 74.00 B: 15.00 mm



116277 Starter 12 V, 0.9 kW
 Manufacturer: Mitsubishi
 Replacing: M000TD0371, M000TD0372, M000TD0372ZE, M0TD0371, M0TD0372, M0T-D0372ZE
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 191.50, Gear type GR, Mount. holes 3 (3)
 A: 64.00 B: 20.00 mm



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116278 Starter 12 V, 1.5 kW
 Replacing: M000T39371, M000T39372, M0T39371, M0T39372
 Servicing: Nissan, Opel, Renault, Vauxhall
 B+ M8, Length 198.50, Gear type GR, Mount. holes 3 (3)
 A: 64.00 B: 0.20 mm



116285 Starter 12 V, 2.0 kW
 Replacing: M001TF0072, M001TF0471, M001TF0571, M001TF0571ZE, M1TF0071, M1TF0072, M1TF0073ZE, M1TF0471
 Servicing: Opel, Renault, Vauxhall
 B+ M8, Length 235.50, Gear type GR, Mount. holes 2 (0)
 A: 68.00 B: 35.50 mm



116374 Starter 24 V, 5.5 kW
 Replacing: M009T66771, M009T66772, M9T66771, M9T66772
 Servicing: Volvo
 B+ M10, Length 327.00, Gear type GR, Mount. holes 3 (0)
 A: 83.00 B: 47.50 mm



116417 Starter 12 V, 1.4 kW
 Replacing: M000TD5271ZC, M0TD5271ZC
 Servicing: Opel, Vauxhall
 B+ M8, Length 195.00, Gear type GR, Mount. holes 2 (0)
 A: 68.00 B: 20.00 mm



116418 Starter 12 V, 1.4 kW
 Replacing: M000T39971ZC, M0T39971ZC
 Servicing: Opel, Vauxhall
 B+ M8, Length 195.00, Gear type GR, Mount. holes 2 (0)
 A: 68.00 B: 21.00 mm



116419 Starter 12 V, 2.0 kW
 Manufacturer: Mitsubishi
 Replacing: 1810A125, M1TA0371
 Servicing: Mitsubishi
 B+ M8, Length 212.50, Mount. holes 2 (0)
 A: 70.00 B: 29.50 mm



116420 Starter 12 V, 2.0 kW

Manufacturer: Mitsubishi

Replacing: 1810A188, M008T71971, M8T71971

Servicing: Mitsubishi

B+ M8, Length 223.25, Gear type GR, Mount. holes 2 (0)

A: 70.00 B: 29.50 mm



116425 Starter 12 V, 0.9 kW

Replacing: M000TD0672ZE, M0TD0672ZE

Servicing: Suzuki

B+ M8, Length 173.50, Gear type GR, Mount. holes 2 (1)

A: 70.00 B: 28.00 mm



116431 Starter 12 V, 1.0 kW

Replacing: M000TD0071, M0TD0071

Servicing: Mazda

B+ M8, Length 173.50, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 7.00 mm



116435 Starter 24 V, 5.5 kW

Replacing: M009T66971, M9T66971

Servicing: Mercedes-Benz, Setra

B+ M10, Length 320.50, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



116449 Starter 24 V, 7.0 kW

Replacing: M009T84171, M009T84171AM, M9T84171, M9T84171AM

Servicing: MAN

B+ M10, Length 355.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm



116511 Starter 24 V, 5.0 kW

Replacing: M008T62671, M8T62671, M8T62671ZA

Servicing: MAN

B+ M10, Length 300.00, Gear type GR, Mount. holes 3 (0) w/ safety switch. Mitsubishi Version

A: 89.00 B: 28.00 mm



116536 Starter 12 V, 3.0 kW

Replacing: 32B66-20300, M008T55471, M008T55472, M008T55473, M8T55471, M8T55472, M8T55473

Servicing: Caterpillar, Mitsubishi, Nissan, TCM

B+ M8, Length 288.00, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 22.00 mm



116560 Starter 24 V, 7.5 kW

Replacing: M009T85371, M009T85471, M9T85371, M9T85471, M9T87474

Servicing: Mercedes-Benz, Setra

B+ M10, Length 347.50, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm



116565 Starter 12 V, 1.4 kW

Replacing: M000T87081, M0T87081

Servicing: Nissan

B+ M8, Length 226.00, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 55.50 mm



116598 Starter 12 V, 2.0 kW

Replacing: M001T31071, M001T31072, M1T31071, M1T31072, M1T31073, MK666135, MK668008

Servicing: Fuso (Mitsubishi), Mitsubishi, Temsa

B+ M8, Length 221.50, Gear type GR, Mount. holes 3 (3)

A: 84.00 B: 27.00 mm



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116611* Starter 24 V, 5.0 kW

Replacing: M008T63271, M008T63271ZZ9, M008TT63271AM, M8T63271, M8T63271AM, M8T63271ZZP

Servicing: MAN



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116618 Starter 12 V

Replacing: M001TF5072, M1TF5072, M1TF5073ZE

Servicing: Opel, Vauxhall

B+ M8, Length 235.00, Gear type GR, Mount. holes 2 (0)

A: 60.00 B: 19.00 mm



116629 Starter 12 V, 0.85 kW
 Replacing: M003T41781, M3T41781
 Servicing: Suzuki
 B+ M8, Gear type DD, Mount. holes 2 (0)
 A: 66.00 B: 4.00 mm

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116634* Starter 12 V, 1.1 kW
 Replacing: M000T82081, M000T85381,
 M000T82081, MOT82081, MOT82081ZE,
 MOT85381
 Servicing: Citroen, Dongfeng Citroen, Fiat,
 Lancia, Peugeot



116640 Starter 12 V, 1.0 kW
 Replacing: 6C040-59212, 6C140-59210,
 6C140-59211, 6C140-59212, M000T71981,
 MOT71981, MOT90281, MOT90282
 Servicing: Kubota
 B+ M8, Length 194.10, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 16.60 mm



116644 Starter 12 V, 1.2 kW
 Replacing: M000T84881, M000T84881ZC,
 M000T84882ZC, MOT84881, MOT84881ZC,
 MOT84882, MOT84882ZC
 Servicing: Chrysler, Dodge
 B+ M8, Length 194.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 9.00 mm



116645 Starter 12 V, 2.5 kW
 Replacing: M002T85971, M002T85971ZT,
 M002T8597ZT, M2T85971, M2T85971ZE,
 M2T85971ZT
 Servicing: Ford, Ford Australia
 B+ M8, Length 249.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 35.00 mm

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116688* Starter 24 V, 5.0 kW
 Replacing: M008T63171, M008T63172,
 M008T64771, M008T64772, M8T63171,
 M8T63172, M8T64771, M8T64772, M8T64781
 Servicing: Volvo
 Gear type GR, Mount. holes 3 (0)

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116689* Starter 24 V, 5.5 kW
 Replacing: M009T62971, M009T62971AM,
 M009T62971ZZ9, M9T62971, M9T62971AM,
 M9T62971ZZ9
 Servicing: MAN, Temsa
 Gear type GR, Mount. holes 3 (0)

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116771* Starter 12 V, 1.4 kW
 Replacing: M000T23171, MOT23171
 Servicing: Suzuki

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116773* Starter 12 V, 2.0 kW
 Replacing: M000T87981, MOT87981,
 M1T30471, M1T30471A
 Servicing: Mazda



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116780* Starter 12 V, 2.2 kW
 Replacing: 31A6600101, 31A66-00101,
 31A6600102, 31A66-00102, M008T70471,
 M008T70471A, M8T70471, M8T70471A



110462 Starter 12 V, 2.8 kW

Replacing: 9AR2627G, 9AR2918G

Servicing: Buhner, Case, Case IH, Fiat-Allis, Ford, Manitou, Matbro, New Holland, Terex
B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0)
4 KW: HC-CARGO 115391.

Alternative no.: 116137

A: 92.00 B: 20.00 mm



111043 Starter 12 V, 0.6 kW

Replacing: 9AL5009, 9AL5009F, 9AR2714, 9AR2714F

Servicing: Evinrude, Johnson

B+ M6, Length 200.50, Drive type Steel, Gear type DD

A: 63.30 B: 46,20 mm



116137 Starter 12 V, 2.8 kW

Manufacturer: Mahle Letrika

Replacing: 9AR2627G, 9AR2918G

Servicing: Buhner, Ford, Matbro, New Holland

B- M8, B+ M8, Length 318.50, Gear type DD, Mount. holes 3 (0)

Alternative no.: 110462

A: 92.00 B: 21.00 mm



9



110412 Starter 12 V, 2.2 kW

Replacing: 0-21000-3730, 0-21000-4230, 0-21000-4231, 0-21000-5230, 0-21000-5231

Servicing: Isuzu, John Deere, TCM

B+ M8, Length 246.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 95.00 B: 20.30 mm



12



110555 5★ Starter 24 V, 7.5 kW

Manufacturer: Nikko

Replacing: 0-23000-3150, 0-23000-3151, 0-23000-3152, 0-23000-3153, 0-23000-3180, 0-23000-3184, 0-23000-3185

Servicing: Komatsu

B+ M10-1.25, Length 413.00, Drive type Steel, Gear type GR, Mount. holes 3 (0), Oil sealed w/ safety switch.

A: 92.00 B: 46.00 mm



9,11



110568 5★ Starter 12 V, 2.2 kW

Manufacturer: Nikko

Replacing: 0-23000-0130, 0-23000-0260, 0-23000-0261, 0-23000-0262, 0-23000-0263

Servicing: Komatsu

B+ M8, Length 315.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 20.00 mm



11



110580 Starter 24 V, 4.5 kW

Replacing: 0-21000-3291, 0-21000-3600, 0-21000-3650, 0-21000-3660, 0-21000-3661, 0-21000-4470, 0-21000-4471

Servicing: Isuzu

B+ M10, Length 297.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.00 mm



10



110590 Starter 12 V, 2.8 kW

Replacing: 0-23000-1860, 0-23000-1900

Servicing: Bobcat, Perkins

B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Waterproof Replacing: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm



12



110602 Starter 12 V, 2.8 kW

Replacing: 0-23000-1840, 0-23000-2160

Servicing: Bobcat, Clark, Perkins

B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed Replacing: 22MT, 28MT.

A: 89.00 B: 46.00 mm



12



110604 Starter 12 V, 2.8 kW

Replacing: 0-23000-1880, 0-23000-1890

Servicing: Allis Chalmers, Carrier Transicold, Perkins

B+ M10, Length 340.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed Replacing: 22MT, 27MT, 28MT.

A: 88.75 B: 46.45 mm



11



110656 Starter 24 V, 5.5 kW

Replacing: 0-23000-1290, 0-23000-1292, 0-23000-1410, 0-23000-1550, 0-23000-1750, 0-23000-1752, 0-23000-2560

Servicing: Komatsu

B+ M10, Length 368.00, Drive type Steel, Gear type GR, Mount. holes 2 (0) w/ safety switch.

A: 104.90 B: 13.50 mm



12



111020 Starter 24 V, 7.5 kW

Replacing: 0-23000-3331, 0-23000-3332, 0-23000-6530, 0-23000-6531, 0-23000-6532, 0-23000-6533, 0-23000-7020

Servicing: Komatsu

B+ M10, Length 407.00, Drive type Steel, Gear type GR, Mount. holes 3 (0), Oil sealed w/ safety switch.

A: 92.00 B: 47.00 mm



10



111041 Starter 12 V, 2.8 kW

Replacing: 0-23000-1830, 0-23000-1870

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, Length 338.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm



9



111212 Starter 24 V, 2.8 kW

Replacing: 0-23000-0040, 0-23000-0041, 0-23000-0042, 0-23000-0050, 0-23000-0051, 0-23000-0052, 0-23000-0053

Servicing: Komatsu

B+ M8, Length 332.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 20.00 mm



10



111221 Starter 12 V, 2.5 kW

Replacing: 0-23000-2060

Servicing: Bobcat, Clark, John Deere

B+ M10, 15a M5, Length 340.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0) Replacing: 28MT.

A: 82.50 B: 33.00 mm


111222 Starter 12 V, 2.8 kW

Replacing: 0-23000-2000

Servicing: Clark

B+ M10, Length 338.00, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 3 (0), Oil sealed
Replacing: 28MT.

A: 88.85 B: 19.80 mm


111254 Starter 24 V, 4.5 kW

Replacing: 0-23000-1260, 0-23000-1310,
0-23000-1700, 0-23000-2100, 0-23000-2101,
0-23000-2102, 0-23000-2103

Servicing: Hitachi, JCB, John Deere,
Takeuchi

B+ M10, Length 332.25, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 94.85 B: 19.20 mm


111760 Starter 24 V, 4.5 kW

Replacing: 0-23000-2030, 0-23000-2031,
0-23000-2040, 0-23000-2270, 0-23000-2470

Servicing: Case, Cummins

B+ M10, Length 339.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)
Replacing: 7MT, 28MT.

A: 89.00 B: 45.00 mm


111982 Starter 24 V, 4.0 kW

Replacing: 0-23000-2350, 0-23000-2358,
0-23000-2590

Servicing: Mercedes-Benz

B+ M10, Length 342.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)
Alternative no.: 115801

A: 88.75 B: 45.00 mm


112267 Starter 12 V, 2.5 kW

Replacing: 0-23000-1810, 0-23000-1818,
0-23000-2020, 0-23000-2430, 0-23000-2434,
0-23000-2450, 0-23000-2460

Servicing: Bobcat, Cummins, Ford

B+ M10, Length 339.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0), Oil sealed

A: 89.00 B: 46.50 mm


112268 Starter 12 V, 2.8 kW

Replacing: 0-23000-1850, 0-23000-2010,
0-23000-2140

Servicing: Allis Chalmers, Hyster, Massey
Ferguson, New Holland

B+ M10, Length 340.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0), Oil sealed
Replacing: 28MT.

A: 89.00 B: 46.00 mm


112341 Starter 12 V, 2.5 kW

Replacing: 0-23000-1570, 0-23000-1571,
0-23000-1580, 0-23000-1581, 0-23000-1588

Servicing: Chevrolet, GMC

B+ M10, Length 337.50, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (0)

Replacing: 7MT, 28MT.

A: 82.50 B: 9.00 mm


112649 Starter 24 V, 4.5 kW

Replacing: 0-23000-1070, 0-23000-1071,
0-23000-1073, 0-23000-2340, 0-23000-2341,
0-23000-2342

Servicing: Isuzu

B+ M10, Length 295.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 40.00 mm


112668 Starter 12 V, 2.5 kW

Replacing: 0-23000-2070

Servicing: Hough, Komatsu

B+ M10, Length 338.00, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 3 (0)
Replacing: 28MT.

A: 89.00 B: 46.00 mm


114164 Starter 24 V, 7.5 kW

Replacing: 0-23000-2386, 0-23000-3280,
0-23000-3284, 0-23000-3285, 0-23000-3286

Servicing: Komatsu

B+ M12, Length 395.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)
w/ safety switch.

A: 92.00 B: 46.00 mm


114166 Starter 24 V, 7.5 kW

Replacing: 0-23000-3522, 0-23000-6520,
0-23000-6521, 0-23000-6523

Servicing: Komatsu

B+ M10, Length 429.00, Gear type GR,
Mount. holes 3 (0)

A: 92.00 B: 45.50 mm


114267 Starter 24 V, 4.5 kW

Replacing: 0-24000-3150, 0-24000-3151

Servicing: John Deere

B+ M10, Length 288.00, Gear type GR,
Mount. holes 3 (0)

A: 105.00 B: 41.30 mm



114324 Starter 24 V, 4.5 kW
 Replacing: 02243003, 0-24000-3120, 0-24000-3122, 0-24000-3123, 0-24000-3250, 0-24000-3251
 Servicing: Hitachi, Isuzu, JCB, Takeuchi
 B+ M10, Length 290.00, Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



114330 Starter 24 V, 8.3 kW
 Replacing: 0-21000-3390, 0-21000-3391
 Servicing: 39MT, Cummins
 B- M12, B+ M12, Length 418.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Insulated return Yes
 A: 92.00 B: 47.00 mm



114396 Starter 24 V, 7.5 kW
 Manufacturer: Nikko
 Replacing: 0-23000-3340, 0-23000-3341, 0-23000-3360
 Servicing: Komatsu
 B+ M10, Length 407.00, Gear type DD/GR, Mount. holes 3 (0)
 A: 92.00 B: 45.00 mm



114474 Starter 24 V, 5.0 kW
 Replacing: 0-24000-3040, 0-24000-3041, 0-24000-3042
 Servicing: Isuzu
 B+ M10, Length 287.00, Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 44.00 mm



114483 Starter 24 V, 4.5 kW
 Replacing: 0-24000-3260, 0-24000-3261
 Servicing: JCB
 B+ M10, Length 230.10, Gear type GR, Mount. holes 3 (0)
 A: 105.00 B: 41.00 mm



114659 Starter 24 V, 5.0 kW
 Replacing: 0-24000-0148, 0-24000-0168, 0-24000-0178
 Servicing: Case, Caterpillar, Hidromek, Hitachi, JCB, Kawasaki
 B+ M10, Length 306.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)
 A: 90.00 B: 13.00 mm



114710 Starter 24 V, 4.0 kW
 Replacing: 0-23000-2370, 0-23000-2371, 0-23000-2372, 0-23000-2373, 0-23000-2374
 Servicing: Cummins
 B+ M10, 15a M5, Length 340.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 46.00 mm



115954 Starter 24 V, 3.0 kW
 Replacing: 0-24000-0030, 0-24000-0040
 Servicing: Komatsu
 B+ M10, Length 297.00, Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 21.00 mm



110525 Starter 12 V, 3.0 kW
 Replacing: 35259380
 Servicing: Claas, Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110389 Starter 12 V, 2.0 kW
 Replacing: 03101-3050, 03101-3051
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki
 B+ M8, Length 232.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 88.00 B: 6.00 mm



111065 Starter 12 V, 2.2 kW
 Replacing: 03111-4040, 03111-4041
 Servicing: Daewoo, Mercedes-Benz, Ssangyong
 B+ M8, Length 276.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 82.30 B: 26.50 mm



111683 Starter 12 V, 2.0 kW
 Replacing: 03101-3030, 03101-3031
 Servicing: Chevrolet, Clark, GMC, Iseki, Isuzu, Opel, TCM
 B+ M8, Length 232.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 95.00 B: 19.50 mm



112344 Starter 12 V, 2.5 kW
 Replacing: 03111-5020, 03111-5021
 Servicing: Atlas Copco, Daewoo, Doosan, JCB, Manitou
 B+ M12, Length 298.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 105.00 B: 41.50 mm



112502 Starter 24 V, 4.5 kW
 Replacing: 03112-7021
 Servicing: Daewoo
 B+ M10, Length 293.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)
 A: 105.00 B: 42.30 mm



113327 Starter 12 V, 2.2 kW
 Replacing: 03111-4140
 Servicing: Kia
 B+ M8, Length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 64.00 B: 4.50 mm



113329 Starter 12 V, 2.0 kW
 Replacing: 03101-3170, 03101-3190, 03101-3210, 03101-3220
 Servicing: Hyundai, Kia
 B+ M8, Length 223.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 25.00 mm



114732 Starter 12 V, 2.2 kW
 Replacing: 03111-4240, 03111-4241
 Servicing: Hyundai, Kia
 B+ M8, Length 237.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 64.00 B: 13.00 mm



114762 Starter 12 V, 2.2 kW
 Replacing: 03111-4200
 Servicing: Kia
 B+ M8, Length 283.00, Gear type GR, Mount. holes 3 (0)
 A: 88.00 B: 44.50 mm



115350 Starter 12 V, 2.0 kW
 Replacing: 03111-4300
 Servicing: Kia
 B+ M8, Length 229.00, Gear type GR, Mount. holes 3 (2)
 A: 64.00 B: 12.50 mm



115968 Starter 12 V, 2.0 kW
 Replacing: 03101-3180
 Servicing: Cummins, Various Agriculture Vehicles, Vermeer
 B+ M8, Length 220.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



110207 Starter 24 V, 5.4 kW

Replacing: 860500GB

Servicing: Volvo, Volvo BM

B- M10, B+ M10, Length 387.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110240 Starter 12 V, 0.6 kW

Replacing: MGD4106, MGD4110, MGD4115,
POA4001, POA4002

Servicing: Johnson

B+ 1/4" UNC, Length 209.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 63.40 B: 44.00 mm



110465 Starter 12 V, 2.8 kW

Replacing: 20500107

Servicing: Ford

B- M8, B+ M8, Length 320.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 92.00 B: 20.00 mm



110518 Starter 24 V, 4.0 kW

Replacing: 858320

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 342.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



110647 Starter 12 V, 0.6 kW

Replacing: MCD4007, MGD4007, MGD4007A,
MGD4013, MGD4113, MKW4006

Servicing: Evinrude, Johnson

B+ 1/4" UNC, Length 208.00,
Drive type Bronze, Gear type DD,
Clutch type Dry, Mount. holes 3 (0)

B: 61.00 mm



110648 Starter 12 V, 0.7 kW

Replacing: MGD4108, MGD4108A, MGL4001B

Servicing: Mariner, Mercury

B+ 1/4" UNC, Length 263.00, Gear type DD,
Drive type Steel, Mount. holes 1 (0)

A: 54.80 B: 48.00 mm



110980 Starter 24 V, 5.4 kW

Replacing: 860512GB

Servicing: Volvo

B- M10, B+ M10, Length 387.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



110999 Starter 24 V

Replacing: MFY6201I, MFY6201K, MFY6401K,
MFY6401L, MFY6601I, MFY6601K

Servicing: Case, Caterpillar, Fiat-Allis, Peter-
bilt, Various, Volvo

B- 1/2" UNC, B+ 1/2" UNC,
Length 499.50, Drive type Steel,
Gear type DD, Mount. holes 3 (0),
Insulated return Yes, Oil sealed
Replacing: 42MT.

A: 92.00 B: 46.50 mm



111000 Starter 24 V, 6.5 kW

Replacing: 855694

Servicing: Caterpillar, Clark, Cummins, Fiat-
Allis, Ingersoll-Rand

B- 1/2" UNC, B+ 1/2" UNC,
Length 497.50, Drive type Steel,
Gear type DD, Mount. holes 3 (0),
Insulated return Yes, Oil sealed
Replacing: 42MT. w/ rotating D.E. Bracket.

A: 92.00 B: 46.00 mm



111043 Starter 12 V, 0.6 kW

Replacing: MDH4001, MDH4002M, MDH4102M,
MDW4002M, MDW4204M, MGD4002A, MG-
D4002C, MGD4002M, MGD4102A, MGD4102C

Servicing: Evinrude, Johnson

B+ M6, Length 200.50, Drive type Steel,
Gear type DD

A: 63.30 B: 46.20 mm



111218 Starter 24 V, 5.4 kW

Replacing: 860543

Servicing: Volvo Penta

B- M10, B+ M10, Length 388.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0), Insulated return Yes

A: 89.00 B: 48.00 mm



111219 Starter 24 V, 6.6 kW

Replacing: 860541

Servicing: Volvo, Volvo Penta

B- M10, B+ M10, Length 385.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0), Insulated return Yes

A: 89.00 B: 47.40 mm



111231 Starter 24 V, 6.6 kW
 Replacing: 860507
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 40.25 mm



111640 Starter 24 V, 4.0 kW
 Replacing: 861037
 Servicing: MAN
 B+ M10, Length 338.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.50 B: 28.00 mm



111771 Starter 24 V, 6.2 kW
 Replacing: 860705
 Servicing: Mercedes-Benz
 B- M10, B+ M12, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111910 Starter 24 V, 6.7 kW
 Replacing: 860305Z
 Servicing: Scania
 B- M10, B+ M12, Length 429.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



112055[#] Starter 24 V, 4.0 kW
 Manufacturer: Bosch
 Replacing: 861035
 Servicing: DAF
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 116346
 A: 110.00 B: 48.00 mm



112116 Starter 24 V, 6.6 kW
 Replacing: 860511GB
 Servicing: Volvo
 B- M12, B+ M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 92.00 B: 47.00 mm



112224 Starter 24 V, 6.7 kW
 Replacing: 860650
 Servicing: Rover, Scania, Toyota
 B+ M12, Length 428.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



112249 Starter 12 V, 2.7 kW
 Replacing: MEO6005
 Servicing: Mercedes-Benz, Various Agricul-
 ture Vehicles
 B+ M10, Length 295.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



113466 Starter 24 V, 4.0 kW
 Replacing: 861039
 Servicing: Citroen, Peugeot, Renault V.I.
 B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.90 B: 22.00 mm



113672 Starter 24 V, 5.5 kW
 Replacing: 860616
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 350.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 w/ safety switch.
 Alternative no.: 115881
 A: 92.00 B: 47.00 mm



113827 Starter 24 V, 7.0 kW
 Replacing: M105R3507SE
 Servicing: Cummins, Ford, Various Industrial
 applications
 B- M12, B+ M12, Length 406.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 46.95 mm



113959 Starter 12 V, 2.0 kW
 Replacing: 860821
 Servicing: Citroen, Fiat, Ford, Land Rover,
 Peugeot
 B+ M8, Length 261.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115510
 A: 89.00 B: 36.00 mm



114001 Starter 24 V, 4.0 kW
 Replacing: 860813
 Servicing: MAN, VW
 B+ M10, Length 317.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 w/ safety switch. Bosch Version
 A: 89.00 B: 28.00 mm



114107 Starter 12 V, 3.2 kW
 Replacing: 35259300
 Servicing: Landini, Massey Ferguson, McCor-
 mick, Perkins
 B+ M10, Length 295.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.88 B: 29.50 mm



114193 Starter 24 V, 5.5 kW
 Replacing: M90R3538SE
 Servicing: Renault, Renault V.I., Volvo
 B- M10, B+ M10, Length 350.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115877# 5★
 A: 89.00 B: 48.00 mm



114330 Starter 24 V, 8.3 kW
 Replacing: M105R3502SE
 Servicing: 39MT, Cummins
 B- M12, B+ M12, Length 418.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (0),
 Insulated return Yes
 A: 92.00 B: 47.00 mm



114376 Starter 24 V, 4.0 kW
 Replacing: 860814
 Servicing: MAN
 B+ M10, Length 311.50, Gear type GR,
 Mount. holes 3 (0)
 w/ safety switch.
 A: 89.00 B: 29.00 mm



114388 5★ Starter 12 V, 3.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 860715
 Servicing: Agco, Bobcat, Case, Case IH,
 Caterpillar, Claas, Fendt, Gehl, Hattat Tarim,
 Hyundai, Ingersoll-Rand
 B- M8, B+ M8, 30h M10, Length 296.50,
 Gear type GR, Mount. holes 3 (0)
 Iskra version.
 Alternative no.: 116308
 A: 89.00 B: 29.50 mm



115347 Starter 24 V, 7.5 kW
 Replacing: M105R3522SE
 Servicing: 42MTAtlas Copco
 B- 1/2" UNC, B+ 1/2" UNC,
 Length 496.50, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 47.00 mm



115447 5★ Starter 24 V, 7.5 kW
 Manufacturer: Prestolite
 Replacing: M105R3505SE, M105R3509SE
 Servicing: Case, Cummins, Fiat-Allis, Lister,
 Various Agriculture Vehicles, Various Indus-
 trial applications
 B- M12, B+ M12, Length 413.00,
 Gear type GR, Mount. holes 3 (0),
 Insulated return Yes, Oil sealed
 Replacing: 39mt.
 A: 92.00 B: 47.50 mm



115877# 5★ Starter 24 V, 5.5 kW
 Manufacturer: Bosch
 Replacing: M90R3538SE
 Servicing: Renault, Renault V.I., Volvo
 B- M10, B+ M10, Length 344.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114193
 A: 89.00 B: 47.50 mm



115881 5★ Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: 860616
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 350.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 113672
 A: 92.00 B: 47.00 mm



NEW PRODUCT
www.hc-cargo.com

116346 Starter 24 V, 4.0 kW
 Replacing: 861035
 Servicing: DAF
 Mount. holes 3 (0)
 Alternative no.: 112055# 5★



116374 Starter 24 V, 5.5 kW
 Replacing: M90R3570AM
 Servicing: Volvo
 B+ M10, Length 327.00, Gear type GR,
 Mount. holes 3 (0)
 A: 83.00 B: 47.50 mm

NEW PRODUCT
www.hc-cargo.com

116689* Starter 24 V, 5.5 kW
 Replacing: M90R3548SE
 Servicing: MAN, Temsa
 Gear type GR, Mount. holes 3 (0)

NEW PRODUCT
www.hc-cargo.com

116711 Starter 24 V, 4.0 kW
 Replacing: S5012L
 Servicing: Cummins, John Deere
 Mount. holes 3 (0), Insulated return Yes


110205 Starter 24 V, 6.5 kW

Replacing: 19024075

Servicing: Volvo

B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm


110206 Starter 24 V, 5.4 kW

Replacing: 19024010, 19024025, 19024109, 35032VL

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B- M10, B+ M12, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


110207 Starter 24 V, 5.4 kW

Replacing: 19024013, 19024553

Servicing: Volvo, Volvo BM

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110208 Starter 24 V, 5.4 kW

Replacing: 19024015, 19024016, 19024037, 19024099, 19024555, 19024576

Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo

B- M10, B+ M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Waterproof

A: 89.00 B: 48.00 mm


110210 Starter 24 V, 6.6 kW

Replacing: 19024051

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong B- M10, B+ M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Not suitable for biogas plants

A: 92.00 B: 47.50 mm


110212 Starter 24 V, 6.6 kW

Replacing: 19024042, 19024078

Servicing: Iveco, Pegaso, Scania, Toyota

B- M10, B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.65 mm


110213 Starter 24 V, 6.6 kW

Replacing: 19024053

Servicing: Fiat, Iveco

B- M10, B+ M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 115.00 B: 20.80 mm


110214 Starter 24 V, 6.6 kW

Replacing: 19024077

Servicing: Scania

B- M10, B+ M10, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 92.00 B: 37.00 mm


110216 Starter 12 V, 1.4 kW

Replacing: 10455301, 10455305, 10455306, 10455308, 10455343, 10455603, 10496873, 10496874, 1107781, 1108427

Servicing: Buick, Cadillac, Chevrolet, GMC, Mercruiser, Oldsmobile, OMC, Pontiac

B+ M8, 15a M5, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Replacing: 10MT.

B: 18.50 mm


110225 Starter 12 V

Replacing: 10465075

Servicing: Ford, Lincoln, Mercury

B+ M8, Length 252.00, Drive type Steel, Gear type DD, Mount. holes 2 (0) Marine type ACR: HC-CARGO 111213.

A: 105.00 B: 16.50 mm


110231 Starter 12 V

Replacing: 10465081, 10465082

Servicing: American Motors, Jeep

B+ 1/4" UNC, Length 265.50, Drive type Steel, Gear type DD, Mount. holes 2 (1)

A: 82.50 B: 16.50 mm


110347 Starter 24 V, 7.5 kW

Replacing: 10461057, 10461125, 10478809, 10478855, 10478879, 10478880, 10478884, 10478911, 10478912, 10479339

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco, Scania

B- 1/2" UNC, B+ 1/2" UNC, Length 522.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes, Oil sealed

Replacing: 50MT.

A: 92.00 B: 47.00 mm



110352 Starter 12 V, 1.3 kW
 Replacing: 19024839
 Servicing: Fiat, Lada
 B+ M8, Length 201.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (3)
 A: 82.50 B: 22.50 mm



110368 Starter 12 V, 2.3 kW
 Replacing: 19024239, 19024249
 Servicing: Audi, Mercedes-Benz, Volvo
 B+ M10, Length 289.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



110394 Starter 12 V, 0.85 kW
 Replacing: 323-540
 Servicing: Chevrolet, GEO, Suzuki
 B+ M8, Length 207.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.85 B: 4.35 mm



110409 Starter 12 V, 3.0 kW
 Replacing: 19024001, 19024563
 Servicing: Kaelble, Mack, Sennebogen
 B+ M10, Length 384.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110414 Starter 12 V
 Replacing: 1109521, 1109524, 1109527, 1109534
 Servicing: American Motors, Buick, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
 B+ M10, 15a 8-32 UNC, Length 286.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 Replacing: 8MT.
 A: 68.10 B: 16.00 mm



110436 Starter 12 V
 Replacing: 10461021, 10461032, 10461034,
 10461046, 10461050, 10461051, 10478803,
 10478962, 10478997, 10479052
 Servicing: Caterpillar, Clark, Mack, Various
 B- 1/2" UNC, B+ 1/2" UNC,
 Length 496.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Insulated return Yes, Oil sealed
 Replacing: 42MT.
 A: 92.00 B: 46.00 mm



110439 Starter 12 V, 2.0 kW
 Replacing: 1109257
 Servicing: Buhner, Compair, Eicher, Massey Ferguson
 B+ M8, Length 309.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 25.00 mm



110468 Starter 12 V
 Replacing: 1107377, 1107378, 1108197,
 1109090, 1109091, 1998266, 1998267
 Servicing: Bobcat, Clark, Hyster, Various
 Agriculture Vehicles
 B- 1/4" UNC, B+ 3/8" UNC, 15a 8-32
 UNC, Length 307.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (0), Oil sealed
 Replacing: 10MT.
 A: 88.65 B: 20.50 mm



110469 Starter 12 V
 Replacing: 10455304, 10455340, 10455355,
 1107203, 1108421, 1109093, 1998269,
 1998270, 1998281
 Servicing: Bobcat, Various Agriculture Vehicles
 B+ M10, 15a M5, Length 306.70,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 Replacing: 10MT.
 A: 88.60 B: 44.50 mm



110472 Starter 12 V, 2.5 kW
 Replacing: 1107557, 1107582, 1998337
 Servicing: Hyster
 B+ 3/8" UNC, 15a M4, Length 346.00,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0),
 Oil sealed
 Replacing: 20MT.
 A: 89.00 B: 47.50 mm



110485 Starter 12 V, 1.4 kW
 Replacing: 10465440, 10465584
 Servicing: John Deere, Thermo King, Yanmar
 B+ M8, Length 191.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 21.00 mm



110506 Starter 12 V
 Replacing: 1107194, 1107204, 1107205, 1107287,
 1107295, 1108422, 1108423, 1109095, 1998271
 Servicing: Hyster
 B+ M10, 15a M4, Length 305.00,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0), Oil
 sealed
 Replacing: 10MT.
 A: 89.00 B: 47.00 mm


110512 Starter 24 V, 5.4 kW

Replacng: 19024024, 19024550, 19024556

Servicing: Agco, Agco Allis, Ahlmann, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Irmer

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110517 Starter 24 V, 3.2 kW

Replacng: 19024242

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 295.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110518 Starter 24 V, 4.0 kW

Replacng: 19024232, 19024256

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110519 Starter 12 V, 3.0 kW

Replacng: 19024229

Servicing: Fiat, Iveco, Volvo

B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110520 Starter 24 V, 4.0 kW

Replacng: 19024201

Servicing: Cummins, Fiat, Fiat-Allis, Renault

B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


110521 Starter 24 V, 4.0 kW

Replacng: 19024231, 19024273

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110522 Starter 12 V, 3.0 kW

Replacng: 19024202, 19024253

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


110523 Starter 24 V, 4.0 kW

Replacng: 19024226, 19024234, 19024813

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


110524 Starter 24 V, 4.0 kW

Replacng: 10479627, 19024204, 19024225, 19024236, 19024258, DRX67131

Servicing: Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110525 Starter 12 V, 3.0 kW

Replacng: 19024205, 19024223

Servicing: Claas, Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110527 Starter 24 V, 4.0 kW

Replacng: 19024233, 19024274

Servicing: Scania, Steyr, Toyota

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return No Not Insulated return.

A: 89.00 B: 48.00 mm


110529 Starter 12 V, 3.0 kW

Replacng: 19024230, 19024272

Servicing: Agrifull, BENFRA, Case IH, Fiat, Fiat-Allis, Iveco, Lister-Petter, New Holland, Terex

B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Gear reduction HC-Cargo 113182

A: 110.00 B: 27.00 mm



110530 Starter 12 V, 3.0 kW
 Replacing: 19024238
 Servicing: Huerlimann, Lamborghini, Same
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



110531 Starter 24 V, 6.6 kW
 Replacing: 19024071
 Servicing: Fiat-Allis, Gmeinder, KHD,
 Mercedes-Benz
 B- M10, B+ M12, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 0 (0)
 A: 56.00 B: 37.00 mm



110532 Starter 24 V, 6.6 kW
 Replacing: 19024054
 Servicing: Iveco
 B- M10, B+ M12, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Waterproof
 A: 115.00 B: 21.00 mm



110533 Starter 24 V, 5.4 kW
 Replacing: 19024011
 Servicing: Steyr
 B- M10, B+ M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm



110534 Starter 24 V, 5.4 kW
 Replacing: 19024030
 Servicing: Ford, Iveco, Various Agriculture
 Vehicles
 B+ M10, Length 390.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110535 Starter 24 V, 5.4 kW
 Replacing: 19024035
 Servicing: Fiat, Iveco
 B- M10, B+ M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110536 Starter 12 V, 2.7 kW
 Replacing: 19024224, 19024235, 19024252,
 19024824
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer
 B+ M10, Length 234.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Magneton.

Alternative no.: 116086
 A: 89.00 B: 28.00 mm



110537 Starter 12 V, 3.6 kW
 Replacing: 19024000, 19024561, 19024562
 Servicing: Mercedes-Benz, Volvo BM
 B- M10, B+ M10, Length 384.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110538 Starter 12 V, 3.6 kW
 Replacing: 19024005
 Servicing: Volvo Penta
 B- M10, B+ M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 47.00 mm



110539 Starter 12 V, 3.6 kW
 Replacing: 19024008
 Servicing: Claas, Mercedes-Benz, New Hol-
 land
 B- M10, B+ M10, Length 384.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110551 Starter 12 V, 3.0 kW
 Replacing: 19024815
 Servicing: Lamborghini, Same, Ursus, Zetor
 B+ M10, Length 326.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110565 Starter 12 V, 2.8 kW
 Replacing: 19024817
 Servicing: Eicher, Massey Ferguson
 B- M8, B+ M8, Length 313.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 4 KW: HC-CARGO 115392.
 A: 89.00 B: 29.50 mm



110569 Starter 12 V
 Replacing: 1113652, 1113683
 Servicing: Hyster
 B+ M10, 15a M4, Length 405.00,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0), Oil
 sealed
 Replacing: 35MT.
 A: 89.00 B: 47.25 mm



110582 Starter 24 V, 5.4 kW
 Replacing: 19024018, 19024046
 Servicing: Iveco
 B- M10, B+ M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110590 Starter 12 V, 2.8 kW
 Replacing: 10465049, 10465050, 1107514,
 1107539, 1107872, 1109192, 1109253,
 1109261, 1109263, 1113281, 1113282
 Servicing: Bobcat, Perkins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Waterproof
 Replacing: 22MT, 27MT, 28MT.
 A: 88.90 B: 46.00 mm



110601 Starter 24 V, 5.4 kW
 Replacing: 19024578
 Servicing: Mercedes-Benz, Steyr, Volvo
 B+ M10, Length 386.25, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.50 mm



110602 Starter 12 V, 2.8 kW
 Replacing: 10465058, 10465348, 10465420,
 10479613, 1107588, 1108692, 1113273, 1998339
 Servicing: Bobcat, Clark, Perkins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Oil sealed
 Replacing: 22MT, 28MT.
 A: 89.00 B: 46.00 mm



110604 Starter 12 V, 2.8 kW
 Replacing: 10461448, 10461449, 10465047,
 10465048, 1107567, 1107587, 1109272,
 1113279, 1113280, 1998334
 Servicing: Allis Chalmers, Carrier Transcold,
 Perkins
 B+ M10, Length 340.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Oil sealed
 Replacing: 22MT, 27MT, 28MT.
 A: 88.75 B: 46.45 mm



110807 Starter 12 V, 0.85 kW
 Replacing: 111018
 Servicing: Ford, Kia, Mazda, Opel
 B+ M8, Length 197.25, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 70.00 B: 20.50 mm



110808 Starter 12 V, 0.85 kW
 Replacing: 111089, 112816
 Servicing: Ford, Kia, Mazda
 B+ M8, Length 190.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (2)
 A: 74.00 B: 16.00 mm



110814 Starter 12 V, 2.7 kW
 Replacing: 19024255
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco,
 Lancia, Massey Ferguson, Renault
 B+ M10, Length 296.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.80 mm



110819 Starter 12 V, 2.8 kW
 Replacing: 19024821
 Servicing: Eicher, Massey Ferguson, Perkins
 B+ M8, Length 311.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 23.00 mm



110839 Starter 12 V, 1.7 kW
 Replacing: 3471396
 Servicing: Opel, Vauxhall
 B+ M8, Length 269.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.00 B: 19.60 mm



110932 Starter 24 V, 5.4 kW
 Replacing: 19024040
 Servicing: DAF
 B- M10, B+ M10, Length 384.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 88.85 B: 47.00 mm


110980 Starter 24 V, 5.4 kW

Replacing: 19024048

Servicing: Volvo

B- M10, B+ M10, Length 387.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


110981 Starter 24 V, 5.4 kW

Replacing: 19024049, 19024106

Servicing: DAF

B- M10, B+ M12, Length 387.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 110.00 B: 47.50 mm


110999 Starter 24 V

Replacing: 10461025, 10461031, 10461107,
10461136, 10461357, 10461533, 10478864,
10479115, 10479118, 10479264

Servicing: Case, Caterpillar, Fiat-Allis, Peter-
bilt, Various, Volvo

B- 1/2" UNC, B+ 1/2" UNC,
Length 499.50, Drive type Steel,
Gear type DD, Mount. holes 3 (0),
Insulated return Yes, Oil sealed
Replacing: 42MT.

A: 92.00 B: 46.50 mm


111000 Starter 24 V, 6.5 kW

Replacing: 10461024, 10461030, 10461043,
10461047, 10461054, 10461068, 10461128,
10461179, 10461184, 10461259

Servicing: Caterpillar, Clark, Cummins, Fiat-
Allis, Ingersoll-Rand

B- 1/2" UNC, B+ 1/2" UNC,
Length 497.50, Drive type Steel,
Gear type DD, Mount. holes 3 (0),
Insulated return Yes, Oil sealed
Replacing: 42MT. w/ rotating D.E. Bracket.

A: 92.00 B: 46.00 mm


111001 Starter 12 V, 3.0 kW

Replacing: 19024250

Servicing: Lamborghini, Same, Steyr

B+ M10, Length 340.00, Drive type Steel,
Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 21.60 mm


111003 Starter 24 V, 5.4 kW

Replacing: 19024012

Servicing: Hanomag, Mercedes-Benz

B- M10, B+ M10, Length 387.50,
Drive type Steel, Gear type DD,
Mount. holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm


111025 Starter 12 V, 0.8 kW

Replacing: 19024838

Servicing: Autobianchi, Fiat, Lancia

B+ M8, Length 209.00, Drive type Steel,
Gear type DD/GR, Mount. holes 3 (2)

A: 64.00 B: 11.00 mm


111034 Starter 12 V, 1.2 kW

Replacing: 10455011, 10455013, 10455016,
10455042, 10455050, 10455054, 10455070,
10465065, 10465393, 1108776

Servicing: Chevrolet, GMC, Isuzu, Jeep, Olds-
mobile, Pontiac

B+ M8, Length 270.00, Gear type DD,
Mount. holes 2 (0)
Replacing: SD260.

A: 67.80 B: 18.00 mm


111041 Starter 12 V, 2.8 kW

Replacing: 10461446, 10461447, 10465044,
10465045, 10465046, 10465406, 1107580,
1109550, 1113275, 1113278

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, Length 338.50, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


111046 Starter 24 V, 6.6 kW

Replacing: 19024052

Servicing: MAN, Volvo

B+ M10, Length 404.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 48.00 mm


111049 Starter 12 V

Replacing: 1109439, 1998576

Servicing: Hyster, Various, Various Agricul-
ture Vehicles

B+ M8, 15a M5, Length 304.00,
Drive type Steel, Gear type DD,
Clutch type Wet, Mount. holes 3 (0), Oil
sealed

Replacing: 10MT.

A: 89.00 B: 46.25 mm


111065 Starter 12 V, 2.2 kW

Replacing: 110397

Servicing: Daewoo, Mercedes-Benz, Ssangyong

B+ M8, Length 276.00, Drive type Steel,
Gear type GR, Mount. holes 2 (2)

A: 82.30 B: 26.50 mm



111123 Starter 12 V, 0.9 kW
Replacing: 10455506, 9000795, 9000981, 96208781
Servicing: Chevrolet, Daewoo, Fiat, Opel, Vauxhall
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 67.95 B: 18.55 mm



111127 Starter 12 V, 1.4 kW
Replacing: 10465021, 10465022, 169, 173,
 3471169, 3471173, 9000700, 9000751,
 9000756, 9000758, 9000772
Servicing: Opel, Pontiac, Vauxhall
 B+ M8, Length 183.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
Replacing: PG100.
 A: 68.00 B: 18.00 mm



111190 Starter 12 V
Replacing: 10455332, 1107308, 1107379,
 1108508, 1109087, 1109088, 1109422, 1998210
Servicing: Caterpillar, Clark
 B+ 3/8" UNF, 15a M4, Length 303.45,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0), Oil
 sealed
Replacing: 10MT.
 A: 88.70 B: 21.00 mm



111217 Starter 12 V, 3.0 kW
Replacing: 19024565, 19024566
Servicing: Volvo, Volvo BM
 B- M10, B+ M10, Length 386.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111218 Starter 24 V, 5.4 kW
Replacing: 19024028
Servicing: Volvo Penta
 B- M10, B+ M10, Length 388.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 48.00 mm



111219 Starter 24 V, 6.6 kW
Replacing: 19024047, 19024063
Servicing: Volvo, Volvo Penta
 B- M10, B+ M10, Length 385.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 47.40 mm



111221 Starter 12 V, 2.5 kW
Replacing: 1107577, 1107599, 1107863,
 1107871, 1109251, 1113271
Servicing: Bobcat, Clark, John Deere
 B+ M10, 15a M5, Length 340.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
Replacing: 28MT.
 A: 82.50 B: 33.00 mm



111222 Starter 12 V, 2.8 kW
Replacing: 1109540, 1113288, 1998389
Servicing: Clark
 B+ M10, Length 338.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0), Oil sealed
Replacing: 28MT.
 A: 88.85 B: 19.80 mm



111224 Starter 12 V, 4.0 kW
Replacing: 10461039, 10461303, 10479054,
 1113402, 1113640, 1113641, 1113644,
 1113650, 1113651, 1113653
Servicing: John Deere
 B+ M10, Length 402.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0), Oil sealed
Replacing: 37MT.
 A: 88.90 B: 47.60 mm



111231 Starter 24 V, 6.6 kW
Replacing: 19024080
Servicing: Renault V.I.
 B- M10, B+ M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 40.25 mm



111259 Starter 12 V, 1.3 kW
Replacing: 1108511, 1109430, 1109568, 1998305
Servicing: Case
 B+ M10, 15a M5, Length 305.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
Replacing: 10MT.
 A: 88.70 B: 19.00 mm



111277 Starter 12 V
Replacing: 1108755, 1108756, 1109486,
 1109487, 1109488, 1109489, 1109490,
 1998317, 1998318, 1998580
Servicing: Chevrolet, GMC, Mercruiser, OMC
 B+ M10, 15a M4, Length 294.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
Replacing: 10MT.
 A: 82.60 B: 19.45 mm



111383 Starter 12 V, 2.8 kW
 Replacing: 1113285
 Servicing: Bobcat, Clark
 B+ M10, 15a M5, Length 341.50,
 Drive type Steel, Gear type GR,
 Clutch type Wet, Mount. holes 3 (0), Oil
 sealed
 Replacing: 28MT.
 A: 89.00 B: 46.00 mm



111399 Starter 24 V, 4.0 kW
 Replacing: 19024262
 Servicing: DAF
 B- M8, B+ M10, Length 352.50,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 38.00 mm



111638 Starter 24 V, 4.0 kW
 Replacing: 19084010
 Servicing: Volvo
 B- M10, B+ M10, Length 334.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 3 (0)
 A: 89.00 B: 47.70 mm



111640 Starter 24 V, 4.0 kW
 Replacing: 19024264
 Servicing: MAN
 B+ M10, Length 338.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.50 B: 28.00 mm



111684 Starter 12 V, 1.4 kW
 Replacing: 9000801, 96208782, 96550792
 Servicing: Daewoo, Opel, Vauxhall
 B+ M8, Length 213.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 67.90 B: 18.00 mm



111699 Starter 12 V, 1.6 kW
 Replacing: 12301334, 323-677, 8000193,
 9000763, 9000820, 9000822, 9000850, 9000895
 Servicing: Mercruiser, Volvo Penta
 B+ M8, 30h M5, Length 245.00,
 Drive type Steel, Gear type GR,
 Clutch type Wet, Mount. holes 2 (0)
 Replacing: PG260L.
 B: 19.00 mm



111709 Starter 12 V, 2.2 kW
 Replacing: 110002
 Servicing: Daewoo, Isuzu, TCM
 B+ M8, Length 233.65, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



111752 Starter 12 V, 2.7 kW
 Replacing: 19024257
 Servicing: Case, Payloader
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



111760 Starter 24 V, 4.5 kW
 Replacing: 10461283, 10461468, 10461469,
 10461486, 10479622, 10479623, 10479655,
 10479656, 1113277, 1113291
 Servicing: Case, Cummins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Replacing: 7MT, 28MT.
 A: 89.00 B: 45.00 mm



111771 Starter 24 V, 6.2 kW
 Replacing: 19024179
 Servicing: Mercedes-Benz
 B- M10, B+ M12, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111786 Starter 12 V, 1.6 kW
 Replacing: 10465001, 10465009, 10465042,
 1990719, 1998314, 1998513, 323-394, 323-
 404, 323436, 8000282, 9000719
 Servicing: Mercruiser, Mercury, OMC
 B+ M8, 15a M5, Length 246.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 Alternative no.: 115985
 B: 18.30 mm



111793 Starter 12 V, 3.0 kW
 Replacing: 19024261
 Servicing: Caterpillar, Mercedes-Benz, Volvo
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.80 B: 28.50 mm



111805 Starter 12 V, 2.5 kW
 Replacing: 17610-Q1010
 Servicing: Ford, Nissan
 B+ M8, Length 228.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 11.50 mm



111848 Starter 12 V, 1.0 kW
 Replacing: 92064181, 96208785, 96450663
 Servicing: Chevrolet, Citroen, Daewoo,
 Holden, Isuzu, Opel, Peugeot, Vauxhall
 B+ M8, Length 215.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 19.00 mm



111849 Starter 12 V, 0.8 kW
 Replacing: 10455503, 96275481, 96569440
 Servicing: Chevrolet, Daewoo, Suzuki
 B+ M8, Length 184.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 75.00 B: 6.50 mm



111855 Starter 12 V, 2.2 kW
 Replacing: 19083023
 Servicing: KHD, Various Agriculture Vehicles
 B+ M8, Length 267.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 Alternative no.: 116128
 A: 82.50 B: 23.00 mm



111982 Starter 24 V, 4.0 kW
 Replacing: 10461470, 10479626, 19070039,
 8200004, 8200138, DRX67095, DRX67149
 Servicing: Mercedes-Benz
 B+ M10, Length 342.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115801
 A: 88.75 B: 45.00 mm



112037 Starter 24 V, 4.0 kW
 Replacing: 19024260
 Servicing: Perkins, Volvo
 B+ M10, Length 340.70, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 29.00 mm



112055 Starter 24 V, 4.0 kW
 Manufacturer: Bosch
 Replacing: 19084020
 Servicing: DAF
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 116346
 A: 110.00 B: 48.00 mm



112089 Starter 12 V
 Replacing: 10461033, 10461038, 10461042,
 10461045, 10461052, 10461053, 10461067,
 10461075, 10461076, 10461077
 Servicing: Case, Caterpillar, Cummins, Ford,
 Freightliner, International, Kenworth, Mack,
 New Holland, Perkins
 B- 1/2" UNC, B+ 1/2" UNC, Length 496.00,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0),
 Insulated return Yes, Oil sealed
 Replacing: 42MT.
 A: 92.00 B: 46.00 mm



112116 Starter 24 V, 6.6 kW
 Replacing: 19024085
 Servicing: Volvo
 B- M12, B+ M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 92.00 B: 47.00 mm



112119 Starter 24 V, 6.6 kW
 Replacing: 19024076
 Servicing: Scania
 B- M10, B+ M10, Length 406.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 37.00 mm



112120 Starter 24 V, 6.6 kW
 Replacing: 19024072
 Servicing: MAN, Mercedes-Benz
 B- M10, B+ M12, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 92.00 B: 47.50 mm



112169 Starter 24 V, 4.5 kW
 Replacing: 10479108, 1993903, 1993954, 8200024
 Servicing: Case
 B+ 3/8" UNF, Length 401.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed
 Replacing: 37MT.
 A: 89.00 B: 46.00 mm


112224 Starter 24 V, 6.7 kW

Replating: 19070036

Servicing: Rover, Scania, Toyota

B+ M12, Length 428.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


112232 5★ Starter 12 V, 2.4 kW

Manufacturer: Lucas

Replating: 10455602, 1108374, 1109369, 1109485, 19010615, 1998316, 1998405

Servicing: Mercruiser, OMC, Thermo King, Volvo Penta

B+ M10, 15a M5, Length 320.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

Replating: 10MT.

A: 82.00 B: 46.00 mm


112233 5★ Starter 12 V

Manufacturer: Lucas

Replating: 10455600, 10455601, 1107709, 1107710, 1108278, 1108373, 1109356, 1109358, 1109484, 19010617

Servicing: Caterpillar, International, Mercruiser

B+ M10, 15a M5, Length 318.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 82.45 B: 47.00 mm


112239 Starter 12 V, 1.4 kW

Replating: 9000839, 9000840

Servicing: Mercruiser

B+ M8, 15a M5, Length 232.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Replating: PG260f1, -G.

A: 67.90 B: 18.00 mm


112240 Starter 12 V, 1.7 kW

Replating: 10465167, 10465554, 12564108, 9000786, 9000860, 9000879, 9000899

Servicing: Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile

B+ M8, Length 245.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Replating: PG260M.

B: 19.00 mm


112241 Starter 12 V, 1.5 kW

Replating: 10465520, 12564107, 323-1434, 9000841, 9000858, 9000871, 9000910

Servicing: Chevrolet, GMC, Isuzu, Oldsmobile

B+ M8, Length 245.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)

Replating: PG260F2.

B: 20.00 mm


112243 Starter 24 V

Replating: 10479175, 10479196, 1113353, 1113370, 1113371, 1113403, 1113436, 1113479, 1113481, 1113494, 1113534

Servicing: Case, Clark

B+ 1/2" UNC, 15a 1/4" UNC, Length 401.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Oil sealed

Replating: 37MT.

A: 92.00 B: 48.00 mm


112251 Starter 12 V, 2.3 kW

Replating: 00E091, CER3087

Servicing: Ford, LDV

B+ M8, Length 258.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 91.90 B: 20.50 mm


112255 Starter 12 V

Replating: 10461008, 10461089, 10461229, 10461279, 10461280, 1990310, 1990313, 1990316, 1990317, 1990319

Servicing: Clark, Cummins

B+ 1/2" UNC, Length 401.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed

Replating: 37MT.

A: 92.00 B: 48.00 mm


112267 Starter 12 V, 2.5 kW

Replating: 10461285, 10465026, 10465043, 10465149, 10465211, 10465365, 10465399, 10479621, 10479624, 10496882

Servicing: Bobcat, Cummins, Ford

B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed

A: 89.00 B: 46.50 mm


112268 Starter 12 V, 2.8 kW

Replating: 10461463, 10465295, 10479607, 1107540, 1113274, 1113290, 1113597, 1998340, 1998350, 1998357

Servicing: Allis Chalmers, Hyster, Massey Ferguson, New Holland

B+ M10, Length 340.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed

Replating: 28MT.

A: 89.00 B: 46.00 mm


112341 Starter 12 V, 2.5 kW

Replating: 10465013, 10465014, 10465053, 10465054, 10465130, 10465168, 1109219, 1109563, 1113266, 1113267

Servicing: Chevrolet, GMC

B+ M10, Length 337.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Replating: 7MT, 28MT.

A: 82.50 B: 9.00 mm



112365 Starter 12 V, 2.2 kW

Replacing: 110566, DSR1167L

Servicing: Nissan

B+ M8, Length 224.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 95.00 B: 10.50 mm



112446 Starter 24 V, 4.0 kW

Replacing: 19083032

Servicing: MAN

B+ M10, Length 321.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

Bosch DD HC-CARGO 113468.

Alternative no.: 116135

A: 89.00 B: 27.45 mm



112494 Starter 24 V, 4.0 kW

Replacing: 19083030

Servicing: Atlas Copco, Bomag, Case, Deutz-Fahr, Fendt, John Deere, Liebherr, Still, Terex, Volvo, Yanmar

B+ M10, Length 316.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm



112498 Starter 24 V, 4.0 kW

Replacing: 19083029

Servicing: Glnaf, Heuliez, Irisbus, Iveco, Temsa

B+ M10, Length 315.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



112507 Starter 24 V, 5.4 kW

Replacing: 19024026

Servicing: Volvo, Volvo Penta

B- M10, B+ M10, Length 385.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0) BOSCH OE 0001414022/0001416026 IS OIL-SEALED. HC-CARGO 112507 IS NOT!

A: 89.00 B: 47.50 mm



112534 Starter 12 V, 2.0 kW

Replacing: 8000286

Servicing: Gehl, Hako, Ingersoll-Rand, JCB, KHD, Komatsu, Manitou, Perkins, Terex, Thwaites, Valpadana, Volvo

B+ M8, Length 239.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



112546 Starter 12 V, 0.6 kW

Replacing: 10455513, 10455516, 8000870

Servicing: Cub Cadet, John Deere, Kohler

B+ M8, Length 205.60, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 63.00 B: 16.90 mm



112581 Starter 24 V, 6.2 kW

Replacing: 19070032

Servicing: DAF

B+ M12, Length 380.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm



112652# Starter 24 V, 4.5 kW

Replacing: 10461461, 10479605

Servicing: Detroit

B+ M10, Length 338.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

Replacing: 28MT.

A: 89.00 B: 46.00 mm



112660 Starter 12 V, 2.8 kW

Replacing: 1107862, 1107867

Servicing: Case, Cummins, Massey Ferguson, New Holland

B+ M10, Length 333.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



112668 Starter 12 V, 2.5 kW

Replacing: 10461483, 1113248, 1113284

Servicing: Hough, Komatsu

B+ M10, Length 338.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

Replacing: 28MT.

A: 89.00 B: 46.00 mm



112822 Starter 24 V, 4.5 kW

Replacing: 19085004

Servicing: Irisbus, Iveco

B+ M10, Length 293.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

Alternative no.: 115880

A: 89.00 B: 49.00 mm


112823 Starter 24 V, 5.5 kW

Replating: 19085003

Servicing: Iveco, Volvo

B+ M10, Length 315.00, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 3 (0)

Alternative no.: 115872

A: 92.00 B: 49.00 mm


112897 Starter 12 V, 1.7 kW

Replating: 10455300, 10465143, 10465293,
10496871, 1107237, 1107242, 1107247,
1107248, 1107259, 1107260

Servicing: American Motors, Buick, Cadillac,
Chevrolet, Jeep, Mercruiser, Pontiac

B+ M8, Length 236.00, Drive type Steel,
Gear type DD/GR, Clutch type Wet,
Mount. holes 2 (0), Waterproof
Replating: PG250, -260.

B: 19.00 mm


112900 Starter 12 V, 1.4 kW

Replating: 10465384, 10465459, 10465542,
323-1062, 323-1396, 9000833, 9000847, 9000859

Servicing: Buick, Chevrolet, GMC, Isuzu,
Oldsmobile, Pontiac

B+ M8, Length 218.00, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 2 (0)
Replating: PG260F1.

A: 68.20 B: 19.00 mm


112902 Starter 12 V, 1.2 kW

Replating: 10465463, 12560672, 12563908,
12573853, 323-1400, 323-1483, 336-2002,
9000837, 9000842, 9000854

Servicing: Buick, Cadillac, Chevrolet, GMC

B+ M8, Length 214.40, Drive type Steel,
Gear type DD/GR, Clutch type Wet,
Mount. holes 2 (0)
Replating: PG260F2.

B: 18.00 mm


112905 Starter 12 V, 1.6 kW

Replating: 10465527, 12563863, 323-1446,
323-1476, 9000875, 9000926

Servicing: Buick, Chevrolet, GMC, Oldsmobile

B+ M8, Length 232.00, Drive type Steel,
Gear type DD/GR, Clutch type Wet,
Mount. holes 2 (0)
Replating: PG260L.

A: 82.30 B: 29.60 mm


112906 Starter 12 V, 1.7 kW

Replating: 10465385, 12563907, 323-1063,
89000853, 9000834, 9000853, 9000866

Servicing: Cadillac, Chevrolet, GMC, Pontiac

B+ M8, Length 246.15, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 2 (0)
Replating: PG260M.

B: 19.00 mm


113172 Starter 12 V, 2.0 kW

Replating: 1107335, 1108443, 1108493,
1109418, 1109423

Servicing: Caterpillar, Hyster, Yale

B+ M8, Length 249.00, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 2 (0), Oil sealed
Replating: 10MT.

A: 88.70 B: 46.00 mm


113277 Starter 24 V, 4.0 kW

Replating: 19084022

Servicing: Iveco

B+ M10, Length 315.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 109.80 B: 27.50 mm


113429 Starter 12 V, 4.2 kW

Replating: 10461645, 10465537

Servicing: Case, Cummins

B- M12, B+ M10, Length 317.00,
Drive type Steel, Gear type GR,
Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


113466 Starter 24 V, 4.0 kW

Replating: 19024280, 19084009

Servicing: Citroen, Peugeot, Renault V.I.

B+ M10, Length 316.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0)

A: 88.90 B: 22.00 mm


113468 Starter 24 V, 4.0 kW

Replating: 19024286

Servicing: MAN

B+ M10, Length 340.00, Drive type Steel,
Gear type DD, Clutch type Dry,
Mount. holes 3 (0)
Bosch GR HC-CARGO 112446.

A: 89.00 B: 27.00 mm


113608 Starter 24 V, 6.2 kW

Replating: 19070033

Servicing: Evobus, Kässbohrer, Mercedes-
Benz, Setra

B+ M12, 15a M6, Length 380.50,
Drive type Steel, Gear type DD/GR,
Clutch type Wet, Mount. holes 3 (0)
Alternative no.: 113851

A: 92.00 B: 48.00 mm



113659 Starter 12 V, 0.9 kW
 Replacing: 8000174, 8000395
 Servicing: Hyundai, Kia
 B+ M8, Length 186.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 77.00 B: 18.00 mm



113679 Starter 12 V, 1.6 kW
 Replacing: 9000885
 Servicing: Clark
 B+ M8, 15a M5, Length 243.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (0)
 Replacing: PG260L.
 B: 18.00 mm



113695 Starter 24 V, 6.0 kW
 Replacing: 10461402, 10461405, 10478811,
 10478960, 10478961, 1993831, 1993918
 Servicing: Caterpillar
 B- 3/16" UNF, B+ 1/2" UNC, 15a 3/16"
 UNF, Length 433.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0), Oil sealed
 Replacing: 37MT.
 A: 89.00 B: 47.00 mm



113725 Starter 12 V, 2.5 kW
 Replacing: 10465540
 Servicing: Bomag, Case, Case IH, Cum-
 mins, Gehl, Ingersoll-Rand, Ingram, Kohler,
 Komatsu, New Holland, Terex
 B+ M10, Length 300.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 88.60 B: 49.00 mm



113759 Starter 24 V, 4.0 kW
 Replacing: 19083028
 Servicing: MAN
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 29.00 mm



113760 Starter 24 V, 4.0 kW
 Replacing: 19084017
 Servicing: DAF
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



113827 Starter 24 V, 7.0 kW
 Replacing: 10461759, 19023060, 19026026,
 19026030, 82000000, 8200072, 8300025
 Servicing: Cummins, Ford, Various Industrial
 applications
 B- M12, B+ M12, Length 406.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 46.95 mm



113850 Starter 24 V, 5.4 kW
 Replacing: 19024101
 Servicing: Volvo BM
 B- M10, B+ M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0),
 Insulated return No Not insulated return.
 A: 89.00 B: 48.00 mm



113851 Starter 24 V, 7.5 kW
 Replacing: 19011501, 19024196, 19081009, 8200519
 Servicing: Mercedes-Benz
 B+ M12, Length 348.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (0)
 Replacing: 39MT.
 Alternative no.: 115885
 A: 92.00 B: 47.70 mm



113860 Starter 12 V, 0.8 kW
 Replacing: 96289430
 Servicing: Chevrolet, Daewoo
 B+ M8, Length 185.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (1)
 A: 75.00 B: 6.50 mm



113934 Starter 24 V, 5.5 kW
 Replacing: 19084251
 Servicing: Bova, DAF, Solaris
 B+ M10, Length 321.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 110.00 B: 48.00 mm



113979 Starter 24 V, 4.0 kW
 Replacing: 19084030, 19084040
 Servicing: Mercedes-Benz
 B+ M10, Length 315.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 48.50 mm



114003 Starter 12 V, 5.0 kW
 Replacing: 19011504
 Servicing: Mercedes-Benz
 B+ M12, Length 345.00, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



114013 Starter 24 V, 8.2 kW
 Replacing: 10461758, 10461759, 19011511,
 19011524, 8200029, 8200086
 Servicing: Cummins
 B- M12, B+ M12, Length 419.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0), Insulated return Yes
 Replacing: 39MT.
 A: 92.00 B: 48.00 mm



114033 Starter 24 V, 4.0 kW
 Replacing: 19084031
 Servicing: Volvo
 B- M10, B+ M10, Length 334.00,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



114073 Starter 24 V, 5.5 kW
 Replacing: 19084252
 Servicing: Bova, DAF, Minelli, Solaris, Temsa
 B+ M10, Length 319.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 w/ safety switch.
 Alternative no.: 115511
 A: 110.00 B: 47.00 mm



114124 Starter 12 V, 1.8 kW
 Replacing: 8000321, 9000835, 9000889,
 9000936, 9000952, 9000965
 Servicing: Fiat, Holden, Opel, Saab, Vauxhall
 B+ M8, Length 236.00, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 29.00 mm



114145 Starter 12 V, 2.3 kW
 Replacing: 8000032
 Servicing: Fiat
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 3 (3)
 Remy Type (Bosch type HC-CARGO 113935).
 A: 81.50 B: 1.50 mm



114159 Starter 12 V, 1.8 kW
 Replacing: 8000129, 96843574
 Servicing: Chevrolet, Opel
 B+ M8, Length 222.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 18.00 mm



114298 Starter 12 V, 1.1 kW
 Replacing: 8000048, 8000387
 Servicing: Alfa Romeo, Chevrolet, Fiat, Opel,
 Saab, Vauxhall
 B+ M8, Length 199.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 68.00 B: 17.50 mm



114326 Starter 24 V, 7.5 kW
 Replacing: 19026032, 8200024, 8200078, 8300023
 Servicing: 38MT, Atlas Copco, Bomag, Cat-
 erpillar, Cummins, Doosan, Hitachi, Hoist,
 Hyster, Hyundai, JCB, Kawasaki
 B- M12, B+ M12, Length 405.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 88.80 B: 47.00 mm



114330 Starter 24 V, 8.3 kW
 Replacing: 10461754, 10461756, 19010507,
 19010509, 19011507, 19011509, 19011522,
 19011523, 8200022, 8200032
 Servicing: 39MT, Cummins
 B- M12, B+ M12, Length 418.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (0),
 Insulated return Yes
 A: 92.00 B: 47.00 mm



114341 Starter 12 V, 1.2 kW
 Replacing: 12567585, 8000180, 9000902,
 9000934, 9000967
 Servicing: Opel, Saab, Vauxhall
 B+ M8, Length 214.00, Gear type GR
 A: 75.00 B: 31.00 mm



114397 Starter 24 V, 4.0 kW
 Replacing: 19024294
 Servicing: Cummins
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Insulated return Yes
 A: 89.00 B: 48.20 mm



114443 Starter 12 V, 0.9 kW
 Replacing: 8000400, 8000484
 Servicing: Hyundai, Kia
 B+ M8, Length 174.50, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 21.00 mm



114460 Starter 12 V, 1.4 kW
 Replacing: 8000006
 Servicing: Citroen, DS, Fiat, Hyundai, Lancia,
 Mitsubishi, Opel, Peugeot
 B+ M8, Length 216.00, Gear type GR,
 Mount. holes 3 (3)
 B: -4.00 mm



114476 Starter 12 V, 1.8 kW
 Replacing: 8000111, 8000277, 8000344,
 8000417, 8000531
 Servicing: Perkins
 B+ M8, Length 218.00, Gear type GR,
 Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm



114523 Starter 24 V, 4.0 kW
 Replacing: 19084014
 Servicing: Mercedes-Benz, MAZ
 B+ M10, Length 313.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 48.50 mm



114710 Starter 24 V, 4.0 kW
 Replacing: 10479647
 Servicing: Cummins
 B+ M10, 15a M5, Length 340.00,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 46.00 mm



114888 Starter 12 V
 Replacing: RS41058
 Servicing: John Deere, Kawasaki
 B+ 1/4" UNC, Length 185.00,
 Gear type DD, Mount. holes 2 (0)
 B: 19.50 mm



115347 Starter 24 V, 7.5 kW
 Replacing: 10461204, 10461361, 10478948,
 10479011, 1993980
 Servicing: 42MTAtlas Copco
 B- 1/2" UNC, B+ 1/2" UNC,
 Length 496.50, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 89.00 B: 47.00 mm



115446 5★ Starter 12 V, 1.7 kW
 Manufacturer: Delco Remy Korea
 Replacing: 8000396, 8000511
 Servicing: Hyundai, Kia
 B+ M8, Length 222.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 16.00 mm



115447 5★ Starter 24 V, 7.5 kW
 Manufacturer: Prestolite
 Replacing: 8200435, 8200702, 8300011
 Servicing: Case, Cummins, Fiat-Allis, Lister,
 Various Agriculture Vehicles, Various Indus-
 trial applications
 B- M12, B+ M12, Length 413.00,
 Gear type GR, Mount. holes 3 (0),
 Insulated return Yes, Oil sealed
 Replacing: 39mt.
 A: 92.00 B: 47.50 mm



115556 Starter 24 V, 5.5 kW
 Replacing: 19081019
 Servicing: MAN, Neoplan
 B+ M10, Length 319.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115886 5★
 A: 92.00 B: 47.00 mm



115569 Starter 12 V, 1.2 kW
 Replacing: 8000169
 Servicing: Hyundai, Kia
 B+ M8, Length 212.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 27.00 mm



115575 Starter 12 V, 1.4 kW
 Replacing: 8000375
 Servicing: Chevrolet, Opel, Saab, Vauxhall
 B+ M8, Length 214.50, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 30.00 mm



115593 Starter 24 V, 5.5 kW
 Replacing: 19081014
 Servicing: Renault V.I., Volvo
 B- M10, B+ M10, Length 355.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115887
 A: 89.00 B: 47.00 mm



115623 Starter 24 V, 4.0 kW
 Replacing: 19024288
 Servicing: Volvo
 B+ M10, Length 340.00, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



115626 Starter 12 V, 2.0 kW
 Replacing: 8000269, 8000530
 Servicing: Hyundai, Kia
 B+ M8, Length 222.00, Gear type GR,
 Mount. holes 2 (2)
 A: 80.00 B: 25.00 mm



115740 Starter 12 V
 Replacing: 9000855
 Servicing: Mariner, Mercury
 B+ M8, 15a M5, Length 261.50, Gear type GR
 B: 46.50 mm



115743 Starter 12 V, 1.4 kW
 Replacing: 8000340
 Servicing: Clark, Doosan, Hyundai
 B+ M8, Length 214.00, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 A: 70.00 B: 28.00 mm



115757 Starter 12 V, 0.9 kW
 Replacing: 8000708
 Servicing: Hyundai, Kia
 B+ M8, Length 185.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 22.00 mm



115758 Starter 12 V, 1.2 kW
 Replacing: 8000285, 8000357
 Servicing: Hyundai, Kia
 B+ M8, Length 199.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 28.00 mm



115773 Starter 12 V, 1.3 kW
 Replacing: 8000213
 Servicing: Opel, Saab, Vauxhall
 B+ M8, Length 212.00, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 30.00 mm



115801 Starter 24 V, 4.0 kW
 Replacing: 8200297
 Servicing: Mercedes-Benz
 B+ M10, Length 306.00, Gear type GR,
 Mount. holes 3 (0)
 Replacing: 29MT.
 A: 89.00 B: 47.00 mm



115885 Starter 24 V, 7.5 kW
 Manufacturer: Mitsubishi
 Replacing: 19011501, 19024196, 8200519
 Servicing: Mercedes-Benz
 B+ M12, Length 348.50, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 113851
 A: 92.00 B: 47.50 mm



115985 Starter 12 V, 1.6 kW
 Replacing: 8000282, 9000819, 9000821,
 9000839, 9000840, 9000851, 9000884, 9000885
 Servicing: Clark, Hyster, Mitsubishi, Yale
 B+ M8, 15a M5, Length 231.00,
 Gear type GR, Mount. holes 2 (0)
 Upgrade version min. 40.000 cycles.
 Alternative no.: 111786
 B: 18.30 mm



116004 Starter 12 V, 3.3 kW
 Replacing: 10461772, 19011403, 8200011
 Servicing: Mercedes-Benz
 B+ M10, Length 306.00, Gear type GR,
 Mount. holes 3 (0)
 29MT.
 A: 89.00 B: 46.00 mm



116139 5★ Starter 12 V, 3.0 kW

Manufacturer: Mahle Letrika

Replacing: 19024224, 19024235, 19024252, 19024824

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer

B+ M10, Length 311.00, Gear type DD, Mount. holes 3 (0)

Iskra type.

Alternative no.: 110536

A: 89.00 B: 28.00 mm



116271 5★ Starter 12 V, 1.7 kW

Manufacturer: Delco Remy Korea

Replacing: 8000551, 8000680

Servicing: Hyundai, Kia

B+ M8, Length 220.00, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 16.00 mm



116283 5★ Starter 12 V, 1.8 kW

Manufacturer: Remy

Replacing: 8000675

Servicing: Hyundai, Kia

B+ M8, Length 209.00, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 15.50 mm



116305 Starter 24 V, 4.5 kW

Replacing: 8200475, 8200734, 8200777

Servicing: Various Industrial applications

B+ M10, Length 307.00, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.50 mm



116376 Starter 24 V, 4.0 kW

Replacing: 19084036

Servicing: DAF

B+ M10, Length 315.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



116428 5★ Starter 12 V, 1.2 kW

Manufacturer: Delco Remy Korea

Replacing: 8000968

Servicing: Hyundai, Kia

B+ M8, Length 203.00, Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 14.00 mm



116430 Starter 12 V, 2.0 kW

Replacing: 8000629

Servicing: Hyundai, Kia

B+ M8, Length 209.00, Gear type GR, Mount. holes 2 (2)

A: 80.00 B: 24.00 mm



116510 Starter 12 V, 3.6 kW

Replacing: 19024002

Servicing: Various Industrial applications

B- M10, B+ M10, Length 386.00, Gear type DD, Mount. holes 0 (0)

B: 37.00 mm



116553 Starter 12 V, 1.7 kW

Replacing: 8000162

Servicing: Dodge, Jeep

B+ M8, Length 247.00, Gear type GR, Mount. holes 2 (2)

A: 80.00 B: 21.00 mm



NEW PRODUCT
www.hc-cargo.com

116626 Starter 24 V, 7.0 kW

Replacing: 65262017074

Servicing: Daewoo, Doosan

B- M10, B+ M10, Length 385.50, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm

NEW PRODUCT
www.hc-cargo.com

116688* Starter 24 V, 5.0 kW

Replacing: 19081109

Servicing: Volvo

Gear type GR, Mount. holes 3 (0)



110367 Starter 12 V, 1.0 kW

Manufacturer: Lucas

Replacing: DM2140, DM2146, DM92140

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Length 200.00, Drive type Steel,
Gear type DD, Mount. holes 3 (2)

A: 66.00 B: 10.50 mm



110529 Starter 12 V, 3.0 kW

Replacing: DM2138

Servicing: Agrifull, BENFRA, Case IH, Fiat,
Fiat-Allis, Iveco, Lister-Petter, New Holland,
Terex

B+ M10, Length 340.50, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

Gear reduction HC-Cargo 113182

A: 110.00 B: 27.00 mm



110640 Starter 12 V, 3.0 kW

Replacing: 2130, DM2120, DM2130, DM2134

Servicing: Allis Chalmers, Fiat, Fiat-Allis,
Long

B+ M10, Length 339.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.00 mm



110866 Starter 12 V, 0.9 kW

Replacing: DM2140

Servicing: Renault

B+ M8, Length 197.65, Drive type Steel,
Gear type DD, Clutch type Dry,
Mount. holes 3 (2)

A: 66.00 B: 10.50 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

*Available while stock last, * Program development.



110616 Starter 24 V, 4.5 kW

Replacing: 0350-502-0130, 0350-502-0131

Servicing: Nissan

B+ M8, Length 303.50, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 33.00 mm



114436 Starter 24 V, 5.0 kW

Replacing: 0355-502-0019, 0355-502-0040,
0355-502-0041

Servicing: Hino

B+ M8, Length 280.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 29.50 mm



112312 Starter 12 V, 0.48 kW

Replacing: 33306, 35763A, 36463, 36680

Servicing: Tecumseh

B+ 1/4" UNF, Length 166.50,

Drive type Steel, Gear type DD,

Mount. holes 4 (0)

B: 44.20 mm



112313 Starter 12 V, 0.5 kW

Replacing: 33835

Servicing: Massey Ferguson, Tecumseh

B+ M6, Length 190.00, Drive type Steel,

Gear type DD, Mount. holes 3 (0)

B: 29.00 mm



112565 Starter 12 V, 0.5 kW

Replacing: 36264, 36795

Servicing: Tecumseh

B+ 1/4" UNC, Length 187.50,

Drive type Steel, Gear type DD,

Clutch type Dry, Mount. holes 2 (0)

A: 43.50 B: 30.00 mm



112566 Starter 12 V, 0.5 kW

Replacing: 36914, 37425

Servicing: Tecumseh

B+ 1/4" UNC, Length 190.00,

Drive type Steel, Gear type DD,

Mount. holes 2 (0)

B: 41.00 mm



110240 Starter 12 V, 0.6 kW
 Replacing: 1799640M030SM, 5704820M030SM, SM02610, SM10629, SM17996, SMH12B41
 Servicing: Johnson
 B+ 1/4" UNC, Length 209.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 63.40 B: 44.00 mm



110510 Starter 12 V, 0.5 kW
 Replacing: 0599440, 0599440-M030SM, 1146340, 1146340-M030SM, 1250740, 1250740-M030SM, 1570140M030SM
 Servicing: John Deere
 B+ 1/4" UNC, Length 182.55,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 B: 49.50 mm



110634 Starter 12 V, 0.65 kW
 Replacing: SM01965, SM01965
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 170.00,
 Drive type Plastic, Gear type DD,
 Mount. holes 3 (0)



110647 Starter 12 V, 0.6 kW
 Replacing: 1122921-M030SM, 1122940-M030SM, 5059240M030SM, 5704620M030SM, 5705320M030SM, 5705340M030SM, SM08041
 Servicing: Evinrude, Johnson
 B+ 1/4" UNC, Length 208.00,
 Drive type Bronze, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 B: 61.00 mm



110648 Starter 12 V, 0.7 kW
 Replacing: 4820123M030SM, SM01446, SM09962, SM09964, SM48201, SMH12C31
 Servicing: Mariner, Mercury
 B+ 1/4" UNC, Length 263.00,
 Drive type Steel, Gear type DD,
 Mount. holes 1 (0)
 A: 54.80 B: 48.00 mm



110654 Starter 12 V, 0.7 kW
 Replacing: 4820240M030SM, 4820250-M030SM, 4820340M030SM, SM10790, SM10970, SM47764, SM48202, SM48203
 Servicing: Mercury
 B+ 1/4" UNC, Length 240.00,
 Drive type Bronze, Gear type DD,
 Mount. holes 1 (0)
 A: 54.50 B: 46.00 mm



110999 Starter 24 V
 Replacing: 9G4338
 Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt, Various, Volvo
 B- 1/2" UNC, B+ 1/2" UNC,
 Length 499.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Insulated return Yes, Oil sealed
 Replacing: 42MT.
 A: 92.00 B: 46.50 mm



111012 Starter 12 V, 0.5 kW
 Replacing: 4733040M030SM, 5666620M030SM, 5666640M030SM, SM47330, SM56666
 Servicing: Kohler, Massey Ferguson
 B+ 1/4" UNC, Length 201.00,
 Drive type Steel, Gear type DD,
 Mount. holes 0 (0)
 B: 39.00 mm



111043 Starter 12 V, 0.6 kW
 Replacing: 0255625-M030SM, 0255640-M030SM, 5705120M030SM, SM02556
 Servicing: Evinrude, Johnson
 B+ M6, Length 200.50, Drive type Steel,
 Gear type DD
 A: 63.30 B: 46.20 mm



112145 Starter 12 V, 0.5 kW
 Replacing: 4769040M030SM, 5671440M030SM, 5769040-M030SM, SM47690, SM56714
 Servicing: Johnson, OMC
 B+ 1/4" UNF, Length 267.20,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (0)



112146 Starter 12 V, 0.6 kW
 Replacing: 5667640M030SM, SM56676
 Servicing: Mercury
 B+ 1/4" UNC, Length 265.50,
 Drive type Bronze, Gear type DD,
 Clutch type Dry
 A: 63.20 B: 62.00 mm



112150 Starter 12 V
 Replacing: 5239740M030SM, 5278440M030SM, 5667040M030SM, 6734620M030SM, SM52397, SM52784, SM56670
 Servicing: Cub Cadet, Kohler
 B+ 1/4" UNC, Length 202.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 B: 17.00 mm


112157# Starter 12 V

Replacing: 5249840MO30SM, 6585840, 6585840MO30SM

Servicing: Johnson, OMC

B+ 1/4" UNC, Length 187.00, Gear type DD, Mount. holes 2 (2)

A: 36.50 mm



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112244 Starter 12 V

Replacing: 5225040MO30SM, 5278340MO30SM, 5666940MO30SM, 6560020MO30SM, 6560040, SM56669

Servicing: Johnson

B+ 1/4" UNC, Length 188.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

B: 17.50 mm



10


112247 Starter 12 V

Replacing: 5216020MO25SM, 5216040MO25SM, SM20521, SM52160

Servicing: Mercury

B+ M5, Length 186.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (2)

B: 71.00 mm



9,10


112546 Starter 12 V, 0.6 kW

Replacing: 5174740

Servicing: Cub Cadet, John Deere, Kohler

B+ M8, Length 205.60, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 63.00 B: 16.90 mm



10


112826 Starter 12 V

Replacing: 5675620MO30SM, 5675640MO30SM, SM56756

Servicing: Mercury

B+ M6, Length 231.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (2)

B: 33.00 mm



9


112829 Starter 12 V

Replacing: 6767540MO30SM, SM67675

Servicing: Mercury

B+ 1/4" UNC, Length 212.80, Drive type Bronze, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

B: 33.60 mm



9


112830 Starter 12 V

Replacing: 6743040, 6743040MO30SM

Servicing: Mariner, Mercury

B+ M6, Length 231.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

B: 46.00 mm



9


112831 Starter 12 V

Replacing: 2134940MO30SM, 5213240MO30SM, 5666420MO03SM, 5666440MO30SM, 56666420MO30SM, SM21349, SM52132

Servicing: Cub Cadet, Kohler

B+ 1/4" UNC, Length 246.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 63.50 B: 44.50 mm



10


113017 Starter 12 V

Replacing: 5667140MO30SM, 6727040MO30SM

Servicing: John Deere

B+ 1/4" UNC, Length 181.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

B: 17.00 mm



24


113476 Starter 12 V

Replacing: 6088420MO30SM, SM60209

Servicing: Onan

B+ M8, Length 176.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 70.00 B: 25.50 mm



9


113591 Starter 12 V

Replacing: 6743240-MO30SM, SM67432

Servicing: Mariner, Mercury, Various Industrial applications

B+ 1/4" UNC, Length 231.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)

B: 34.00 mm



9


113592 Starter 12 V

Replacing: 6873740-MO30SM, SM68737

Servicing: Mariner, Mercury, Various Industrial applications

B+ 1/4" UNC, Length 217.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)

B: 35.00 mm



113593 Starter 12 V

Replacing: 2-2432-UT

Servicing: Kawasaki

B+ 1/4" UNC, Length 209.00,
Drive type Steel, Gear type DD,
Mount. holes 2 (0)



113594 Starter 12 V, 0.6 kW

Replacing: 5680640, 5680640M030SM,
SM56804

Servicing: Honda

B+ 1/4" UNC, Length 188.00,
Drive type Bronze, Gear type DD,
Mount. holes 2 (0)

B: 9.00 mm



113854 Starter 12 V

Replacing: 1053720M030SM, 2009805

Servicing: New Holland

B+ 1/4" UNC, Length 186.00,
Drive type Bronze, Gear type PMDD
3/16 Whitworth thread. 4.763 dia.

A: 58.00 B: 23.00 mm



115406 Starter 12 V, 0.8 kW

Replacing: 31200-ZF5A-L310, 31200-ZF5-L32,
31200-ZF5-L320, 5917N

Servicing: Toro

B+ 1/4" UNC, Length 204.00,
Gear type DD, Mount. holes 3 (0)

A: 60.50 B: 8.00 mm



110149 Starter 12 V, 0.9 kW
 Replacing: 1EM0088, M38382
 Servicing: Mazda, Mercury
 B+ M8, Length 198.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (2)
 A: 74.00 B: 15.00 mm



110205 Starter 24 V, 6.5 kW
 Replacing: D13E101, D13E101TE
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Waterproof
 A: 89.00 B: 47.50 mm



110245 Starter 12 V, 1.7 kW
 Replacing: M40237, MG117559, MG120559,
 TM000A07101
 Servicing: Kubota, Various Agriculture Vehi-
 cles
 B+ M8, Length 196.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



110315 Starter 12 V, 0.9 kW
 Replacing: 1EM0081, M36370, M37454,
 M39646, MC109018, MC109025
 Servicing: Dodge, Hyundai, Kia, Mitsubishi,
 Plymouth, Proton
 B+ M8, Length 208.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (2)
 A: 77.00 B: 18.40 mm



110336 Starter 12 V, 0.75 kW
 Replacing: D9E107, D9E167
 Servicing: Ford, Mercury, Triumph
 B+ M8, 15a M5, Length 243.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



110354 Starter 12 V, 3.1 kW
 Replacing: D9R91
 Servicing: Land Rover
 B+ M8, Length 273.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



110363 Starter 12 V, 0.7 kW
 Replacing: D8E158
 Servicing: BMW, Porsche, VW
 B+ M8, Length 214.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO
 140008.
 A: 76.00 B: 33.00 mm



110365 Starter 12 V, 0.8 kW
 Replacing: D6RA30
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110367 Starter 12 V, 1.0 kW
 Manufacturer: Lucas
 Replacing: 310031X, 310118Z, 75653A,
 94170X, D8E121, D8E152, D8E21, D8E41,
 D8E60, D8E64, D8E66, D8E75, D8E81
 Servicing: Dacia, DAF, Renault, Volvo
 B+ M8, Length 200.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (2)
 A: 66.00 B: 10.50 mm



110368 Starter 12 V, 2.3 kW
 Replacing: D9R141
 Servicing: Audi, Mercedes-Benz, Volvo
 B+ M10, Length 289.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



110389 Starter 12 V, 2.0 kW
 Replacing: 1EM0049, M32909, MG122404,
 TM000A06701, TM000A06901
 Servicing: Asia Motors, Ford, Kia, Mazda,
 Suzuki
 B+ M8, Length 232.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 88.00 B: 6.00 mm



110394 Starter 12 V, 0.85 kW
 Replacing: D6RA13
 Servicing: Chevrolet, GEO, Suzuki
 B+ M8, Length 207.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.85 B: 4.35 mm


110439 Starter 12 V, 2.0 kW

Replacing: D11E141, D11E155, D11E84

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 25.00 mm


110462 Starter 12 V, 2.8 kW

Replacing: 9AR2699

Servicing: Buhner, Case, Case IH, Fiat-Allis, Ford, Manitou, Matbro, New Holland, Terex

B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0) 4 KW: HC-CARGO 115391.

Alternative no.: 116137

A: 92.00 B: 20.00 mm


110479 Starter 12 V, 0.9 kW

Replacing: 1EM0064, M36873, MC107012, MC107023

Servicing: Hyundai, Mitsubishi

B+ M8, Length 189.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm


110512 Starter 24 V, 5.4 kW

Replacing: 076571, D13E63, D13E63T, D13E69, D13E69T, D13E81, D13E81T

Servicing: Agco, Agco Allis, Ahlmann, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Irmer B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110522 Starter 12 V, 3.0 kW

Replacing: 455669

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


110565 Starter 12 V, 2.8 kW

Replacing: 1447731, D11E137, D11E154, D11E15H

Servicing: Eicher, Massey Ferguson

B- M8, B+ M8, Length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0) 4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm


110576 Starter 24 V, 3.2 kW

Replacing: M000A026, M04501, MG232415, TM000A06001

Servicing: Mitsubishi

B+ M8, Length 250.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

A: 60.00 B: 18.00 mm


110584 Starter 12 V, 1.2 kW

Replacing: 534054A, 534054D, 534054M, D6G3, D6RA10, D6RA100, D6RA20, D6RA37, D6RA5, D6RA57, D6RA571, D6RA572

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

B: -6.00 mm


110585 Starter 12 V, 1.2 kW

Replacing: 100714U, 104326H, 185562, 186561, 310146G, D9E137, D9E138, D9E237, D9E238, D9E276, D9E39, D9E52

Servicing: Renault, Volvo

B+ M8, Length 214.15, Drive type Steel, Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm


110587 Starter 12 V, 1.2 kW

Replacing: 310213V, 99680X, D6RA23, D9E48, D9E49, D9EP119

Servicing: Citroen, Peugeot

B+ M8, Length 208.20, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (3)

A: 66.00 B: -5.00 mm


110807 Starter 12 V, 0.85 kW

Replacing: 1EM0087, M000A0171, M04686, M36505, MC108027, MC108030, MC109011

Servicing: Ford, Kia, Mazda, Opel

B+ M8, Length 197.25, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm


110808 Starter 12 V, 0.85 kW

Replacing: 1EM0058, 1EM0070, 1EM008802, 1EM0095, M000A0240Z, M000A0241, M36336, M37156, M39419, M40185, M43195

Servicing: Ford, Kia, Mazda

B+ M8, Length 190.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)

A: 74.00 B: 16.00 mm



110809 Starter 12 V, 2.0 kW
Replacing: M000A025, MG120413, MG120906, MG122433, TM000A06101
Servicing: Dodge, Hyundai, Mitsubishi, Proton
B+ M8, **Length** 241.45, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (2)
A: 77.00 **B:** 3.00 mm



110810# Starter 12 V, 1.4 kW
Replacing: M42373, MP112038, MP112045, N43169, TM000A03801, TM000A05101
Servicing: Ford, Kia, Mazda
B+ M8, **Length** 208.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 3 (2)
A: 73.50 **B:** 16.00 mm



110811 Starter 12 V, 1.2 kW
Replacing: 1EM0057, M43005, M43007, MG112014, MP112040, TM000A04001
Servicing: Dodge, Eagle, Great Wall, Hyundai, Kia, Mazda, Mitsubishi, Plymouth
B+ M8, **Length** 206.50, **Drive type** Steel, **Gear type** GR, **Mount. holes** 2 (2)
A: 77.00 **B:** 17.25 mm



110818 Starter 12 V, 2.1 kW
Replacing: 168065M3, D11E35, D11E59, D11E73
Servicing: Case, Fiat-Allis, Massey Ferguson
B+ M8, **15a** 6.30, **Length** 309.00, **Drive type** Steel, **Gear type** DD, **Mount. holes** 3 (0)
A: 92.00 **B:** 24.60 mm



110856 Starter 12 V, 0.6 kW
Replacing: D6RA42, D8E111, D8E130, D8E131, D8E54, D8E70, D8E74, D8E86, D9E92
Servicing: Renault
B+ M8, **Length** 208.50, **Drive type** Steel, **Gear type** DD/GR, **Clutch type** Dry, **Mount. holes** 2 (0)
A: 66.00 **B:** 21.00 mm



110865 Starter 12 V, 0.95 kW
Replacing: D9E136
Servicing: Audi, VW
B+ M8, **Length** 220.00, **Drive type** Steel, **Gear type** DD/GR, **Mount. holes** 3 (3)
Bushing D.E. (clutch house): HC-CARGO 140500.
A: 82.50 **B:** 15.00 mm



110866 Starter 12 V, 0.9 kW
Replacing: D9E278, D9E46, D9E55, D9E68, D9E78, D9E79
Servicing: Renault
B+ M8, **Length** 197.65, **Drive type** Steel, **Gear type** DD, **Clutch type** Dry, **Mount. holes** 3 (2)
A: 66.00 **B:** 10.50 mm



110958 Starter 12 V, 0.9 kW
Replacing: M000A01901, M000A0191, M39376, M39378, MC109032, TM000A0191, TM000A27601, TM000A37301
Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
B+ M8, **Length** 191.50, **Drive type** Steel, **Gear type** DD/GR, **Mount. holes** 2 (2)
A: 77.00 **B:** 10.80 mm



111015 Starter 12 V, 1.1 kW
Replacing: D6RA22, D6RA52
Servicing: Lombardini, Various Agriculture Vehicles
B+ M8, **Length** 209.00, **Drive type** Steel, **Gear type** GR, **Clutch type** Dry, **Mount. holes** 2 (0)
A: 76.20 **B:** 15.00 mm



111025 Starter 12 V, 0.8 kW
Replacing: D6RA39
Servicing: Autobianchi, Fiat, Lancia
B+ M8, **Length** 209.00, **Drive type** Steel, **Gear type** DD/GR, **Mount. holes** 3 (2)
A: 64.00 **B:** 11.00 mm



111029 Starter 12 V, 1.4 kW
Replacing: D7R1, D7R11, D7R15, D7R151, D7R3, D7R45
Servicing: BMW, Citroen, Nissan, Peugeot, Rover
B+ M8, **Length** 207.00, **Drive type** Steel, **Gear type** GR, **Mount. holes** 3 (1)
A: 62.00 **B:** -5.00 mm



111047 Starter 12 V, 3.1 kW
Replacing: D11E167, D11E167T, D9R116, D9R144
Servicing: Renault, Volvo, Volvo Penta
B- M8, **B+** M8, **Length** 303.50, **Drive type** Steel, **Gear type** GR, **Mount. holes** 3 (0), **Insulated return** Yes
A: 89.00 **B:** 47.70 mm



111059 Starter 12 V, 0.9 kW

Replacing: D9E140

Servicing: Austin, Fiat, Seat, VW

B+ M8, 15a 6.30, Length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0) Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm



111063 Starter 12 V, 1.2 kW

Replacing: D9E70, D9E701, D9E702, D9E85, D9E851, D9E852

Servicing: Citroen, Peugeot, Renault

B+ M8, Length 208.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (3)

B: -6.00 mm



111065 Starter 12 V, 2.2 kW

Replacing: D9R119, D9RP160

Servicing: Daewoo, Mercedes-Benz, Ssangyong

B+ M8, Length 276.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.30 B: 26.50 mm



111066 Starter 12 V, 1.05 kW

Replacing: 310023W, 94612K, D9E36, D9E54, D9E61, D9E62

Servicing: Citroen, Fiat, Peugeot, Talbot

B+ M8, Length 197.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 65.90 B: 21.00 mm



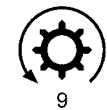
111070 Starter 12 V, 1.7 kW

Replacing: 182604, 184643, 185625, 185994, D7R12, D7R127, D7R20, D7R27, D7R32, D7R8, D9R121, D9R84, 432552

Servicing: Citroen, DS, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

B+ M8, Length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -6.50 mm



111100 Starter 12 V, 0.7 kW

Replacing: D6RA43, D6RA431, D8E116, D8E148, D8E99, D9E93

Servicing: Citroen

B+ M8, Length 207.75, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm



111115 Starter 12 V, 2.2 kW

Replacing: D9R90

Servicing: Citroen, Peugeot, Talbot

B+ M8, Length 285.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 82.00 B: 29.00 mm



111123 Starter 12 V, 0.9 kW

Replacing: D6RA132, D6RA162, D6RA163, D6RA249, D6RA293, D6RA32, D6RA62, D6RA93, D7EP12

Servicing: Chevrolet, Daewoo, Fiat, Opel, Vauxhall

B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 67.95 B: 18.55 mm



111127 Starter 12 V, 1.4 kW

Replacing: D6RA48

Servicing: Opel, Pontiac, Vauxhall

B+ M8, Length 183.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Replacing: PG100.

A: 68.00 B: 18.00 mm



111130 Starter 12 V, 1.1 kW

Replacing: 182551, 184030, 184413, 184470, 186269, 186887, D6RA109, D6RA16, D6RA161, D6RA18, D6RA38, D6RA66

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Length 208.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (3)

A: 65.90 B: -5.00 mm



111231 Starter 24 V, 6.6 kW

Replacing: 098208, 098209, 181598, 594094, D13E107, D13E107TE, D13E110, D13E110TE, D13E111, D13E111TE, D13E117

Servicing: Renault V.I.

B- M10, B+ M10, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return Yes

A: 89.00 B: 40.25 mm



111241 Starter 12 V, 1.2 kW

Replacing: M43006, MG112022, MP112041, TM000A04101, TM000A19301

Servicing: Dodge, Hyundai, Kia, Mitsubishi

B+ M8, Length 207.80, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 73.00 B: 17.00 mm



111251 Starter 12 V, 1.1 kW

Replacing: 185547, 187153, D6RA133, D6RA33, D6RA46, D6RA56, D6RA6, D6RA61, D6RA73

Servicing: Renault, Volvo

B+ M8, Length 208.20, Drive type Steel, Gear type GR, Mount. holes 4 (4) Short version HC-CARGO 115442.

A: 66.00 B: -2.00 mm



111307 Starter 12 V, 1.2 kW

Replacing: 1250299, 1250301, D6RA78, M53436, M53486, MP112056, S000V1196228, TM000A08401

Servicing: Hyundai, Kia

B+ M8, Length 212.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm



111332 Starter 12 V, 2.7 kW

Replacing: D11E120, D11E131, D11E158

Servicing: Case IH, Fendt, Renault, Renault Agriculture, Steyr

B+ M8, Length 293.55, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 21.00 mm



111334 Starter 12 V, 1.2 kW

Replacing: D6RA15, D6RA7

Servicing: BMW

B+ M8, Length 213.50, Drive type Steel, Gear type GR, Mount. holes 2 (2) Bosch 0001157023 has non threaded mounting holes

A: 62.00 B: 27.80 mm



111335 Starter 12 V, 1.1 kW

Replacing: D6RA55, D6RA75

Servicing: BMW

B+ M8, Length 218.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

B: 14.30 mm



111347 Starter 12 V, 1.2 kW

Replacing: D6RA168, D6RA68

Servicing: Daewoo, Mercedes-Benz, Ssangyong, VW

B+ M8, Length 219.80, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 25.00 mm



111398 Starter 12 V, 1.2 kW

Manufacturer: Mahle Letrika

Replacing: D9E51

Servicing: BUKH

B+ M8, Length 215.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

OE unit has an opening on opposite side. HC-CARGO 111398 should be mounted "upside down" (Solenoid downward).

A: 82.00 B: 21.00 mm



111404 Starter 12 V, 1.1 kW

Replacing: D6RA11, D6RA40

Servicing: Volvo Penta

B+ M8, Length 224.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2), Insulated return No Valeo D6RA11 is insulated which HC-CARGO 111404 is NOT !

A: 82.45 B: 35.00 mm



111422 Starter 12 V, 0.8 kW

Replacing: D6RA59

Servicing: Fiat, Lancia

B+ M8, Length 206.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (1)

A: 64.00 B: 11.50 mm



111442 Starter 12 V, 1.4 kW

Replacing: D7RS1, D7RS7, D7RSA2, D7RSA7

Servicing: Acura, Honda, Rover

B+ M8, Length 216.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 75.00 B: 33.50 mm



111476 Starter 12 V, 2.0 kW

Replacing: HK988300, MG120445, TM000A14901

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Length 240.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 10.00 mm



111508 Starter 12 V, 1.2 kW

Replacing: D6RA76

Servicing: Mitsubishi

B+ M8, Length 207.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 71.00 B: 3.50 mm


111565 Starter 12 V, 2.2 kW

Replasing: HQ808670, MG122202, TM000A18601

Servicing: Hyundai, Kia, Mitsubishi
B+ M8, Length 239.25, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (2)

A: 77.30 B: 9.00 mm


111619 Starter 12 V, 1.7 kW

Replasing: D7R42

Servicing: Fiat, Seat

B+ M8, Length 263.00, Drive type Steel,
Gear type GR, Mount. holes 3 (3)

A: 82.50 B: 23.00 mm


111641 Starter 12 V, 0.7 kW

Replasing: D7E1, TS8E1

Servicing: Dacia, Renault

B+ M8, Length 134.00, Drive type Steel,
Gear type DD/GR, Clutch type Dry,
Mount. holes 2 (1)

A: 64.00 B: 0.50 mm


111694 Starter 12 V, 1.8 kW

Replasing: D7R33

Servicing: Audi, Ferrari, Multicar, Seat,
Skoda, VW

B+ M8, Length 270.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (2)

A: 82.50 B: 16.00 mm


111768 Starter 12 V, 1.7 kW

Replasing: D7G14, D7G20, D7R36

Servicing: Maybach, Mercedes-Benz

B+ M8, Drive type Steel, Gear type GR,
Mount. holes 2 (2)

A: 60.00 B: 25.00 mm


111786 Starter 12 V, 1.6 kW

Replasing: TM000A24301

Servicing: Mercruiser, Mercury, OMC

B+ M8, 15a M5, Length 246.00,
Drive type Steel, Gear type GR,
Clutch type Dry, Mount. holes 2 (0)
Alternative no.: 115985

B: 18.30 mm


111848 Starter 12 V, 1.0 kW

Replasing: D6RA92

Servicing: Chevrolet, Citroen, Daewoo,
Holden, Isuzu, Opel, Peugeot, Vauxhall

B+ M8, Length 215.50, Drive type Steel,
Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm


111849 Starter 12 V, 0.8 kW

Replasing: TM000A23501, TM000A35301

Servicing: Chevrolet, Daewoo, Suzuki

B+ M8, Length 184.50, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (2)

A: 75.00 B: 6.50 mm


111851 Starter 12 V, 2.0 kW

Replasing: D7R19, D7R28, D7R43, D7R46,
TM000A15701

Servicing: Mercedes-Benz, Multicar, Ssangyong
B+ M8, Length 240.00, Drive type Steel,
Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 25.50 mm


111900 Starter 12 V, 1.8 kW

Replasing: D7RS30, D7RS301

Servicing: Audi, Ford, Lamborghini, Seat,
Skoda, VW

B+ M8, Length 235.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

Alternative no.: 115503 5★

A: 76.00 B: 53.00 mm


111906 Starter 12 V, 1.1 kW

Replasing: TS12E10

Servicing: Ford, Mazda, Volvo

B+ M8, Length 214.35, Drive type Steel,
Gear type GR, Mount. holes 3 (3)

A: 76.20 B: 26.35 mm


111909 Starter 12 V, 1.1 kW

Replasing: 190396, D7ES1, D7ES5

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Length 212.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

Alternative no.: 115504# 5★

A: 76.25 B: 32.00 mm



111912 Starter 12 V, 2.2 kW
 Replacing: TM000A30801, TM000A36001
 Servicing: Hyundai, Mitsubishi, Proton
 B+ M8, Length 228.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 76.90 B: 2.50 mm



111931 Starter 12 V, 1.0 kW
 Replacing: D6G5, D6RA83, D6RAP229, D7E18,
 D7E38, D7E4, D7E8
 Servicing: Mercedes-Benz
 B+ M8, Length 212.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 70.00 B: 15.00 mm



111994 Starter 12 V, 0.7 kW
 Replacing: D7E7, D7E71
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 178.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 B: -5.00 mm



111996 Starter 12 V, 2.2 kW
 Replacing: D7R61
 Servicing: Iveco
 B+ M8, Length 274.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 110.00 B: 27.00 mm



112053 Starter 12 V, 2.2 kW
 Replacing: D7R57
 Servicing: Citroen, Peugeot
 B+ M8, Length 272.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 74.00 B: -6.00 mm



112116 Starter 24 V, 6.6 kW
 Replacing: FS60PR171
 Servicing: Volvo
 B- M12, B+ M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return Yes
 A: 92.00 B: 47.00 mm



112214 Starter 12 V, 1.6 kW
 Replacing: D7RSA10, D7RSA11, D7RSA4,
 D7RSA5
 Servicing: Honda, Rover
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 40.00 mm



112217 Starter 12 V, 1.0 kW
 Replacing: D6RA167, D6RA67, D6RA80
 Servicing: Honda, Rover
 B+ M8, Drive type Steel, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 33.50 mm



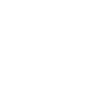
112218 Starter 12 V, 1.0 kW
 Replacing: 105119C, D7E19, D7E22, D7E26,
 D7E6, TS10E4, TS10E5
 Servicing: Nissan, Renault
 B+ M8, Length 168.25, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (3)
 B: -2.00 mm



112224 Starter 24 V, 6.7 kW
 Replacing: D13HP601
 Servicing: Rover, Scania, Toyota
 B+ M12, Length 428.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



112251 Starter 12 V, 2.3 kW
 Replacing: D7R70
 Servicing: Ford, LDV
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 91.90 B: 20.50 mm



112286 Starter 12 V, 1.7 kW
 Replacing: D7RS129, D7RS29
 Servicing: Audi, Ford, Mercedes-Benz, Seat,
 Skoda, VW
 B+ M8, Length 236.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 76.10 B: 32.00 mm



112290 Starter 12 V, 2.2 kW

Replacing: 578147, 626614, D7R64, VS456

Servicing: Ford, Mazda

B+ M8, Length 259.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (3)

A: 76.00 B: 15.00 mm



112295 Starter 12 V, 1.7 kW

Replacing: D10E85, D10E92, D10E921,
D10E922, D6RA112, D7R13, D7R18, D7R25,
D7R35, D7R5, D9R112, D9RP256

Servicing: Mitsubishi, Renault, Volvo

B+ M8, Length 265.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (3)

A: 66.00 B: -0.50 mm



112322 Starter 12 V, 0.8 kW

Replacing: 1195248, M56290, TM000A31001,
TM000A37001

Servicing: Hyundai, Kia

B+ M8, Length 187.50, Drive type Steel,
Gear type DD, Clutch type Dry,
Mount. holes 2 (2)

A: 75.00 B: 14.00 mm



112340 Starter 12 V, 1.4 kW

Replacing: VS358

Servicing: Ford, Mazda, Mercury

B+ M8, Length 226.00, Drive type Steel,
Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 4.00 mm



112342 Starter 24 V, 5.5 kW

Replacing: M000A0271, M34466, MG255301

Servicing: Hyundai, Mitsubishi

B+ M10, Length 368.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 100.00 B: 68.00 mm



112429 Starter 12 V, 2.0 kW

Replacing: D7RS150, D7RS50

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Length 259.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 62.00 mm



112440 Starter 12 V, 2.2 kW

Replacing: D7RP123, D9R149

Servicing: Mercedes-Benz, Ssangyong

B+ M8, Length 240.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 2 (2)

A: 82.50 B: 26.00 mm



112474 Starter 12 V, 1.8 kW

Replacing: D7R44, D7R47, D7R48, D7R49

Servicing: Mitsubishi, Nissan, Opel, Renault,
Suzuki, Vauxhall, Volvo

B+ M8, Length 238.00, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 4 (3)

B: -2.00 mm



112475 Starter 12 V, 2.1 kW

Replacing: D7G11, D7R34, D7R53, D7R56,
D7RP204

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8, Length 238.00, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 3 (2)

B: -6.00 mm



112541 Starter 12 V, 2.2 kW

Replacing: D11E172, D11E272

Servicing: Fiat, Jeep, Renault

B+ M8, Length 273.00, Drive type Steel,
Gear type DD/GR, Clutch type Dry,
Mount. holes 2 (1)

A: 77.00 B: -7.00 mm



112651 Starter 24 V, 4.0 kW

Manufacturer: Mahle Letrika

Replacing: 94955E, D11E149

Servicing: Bosch, KHD

B+ M10, Length 351.50, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

Alternative no.: 116690

A: 89.00 B: 48.00 mm



113020 Starter 12 V, 1.2 kW

Replacing: 1195923, M62957, TM000A14401

Servicing: Hyundai, Kia

B+ M8, Length 216.50, Drive type Steel,
Gear type GR, Clutch type Wet,
Mount. holes 2 (2)

A: 70.00 B: 10.00 mm



113040 Starter 12 V, 0.9 kW
 Replacing: 458522, MP112056
 Servicing: Mitsubishi
 B+ M8, Length 190.50, Drive type Steel,
 Gear type DD/GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 76.90 B: 10.00 mm



113129 Starter 24 V, 4.5 kW
 Replacing: M000A0291, M24698, M24798,
 MG250302, TM000A08701
 Servicing: Mitsubishi
 B+ M10, Length 290.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 110.00 B: 64.50 mm



113134 Starter 12 V, 2.2 kW
 Replacing: 573387, D7R41
 Servicing: Opel, Renault, Renault V.I.,
 Vauxhall
 B+ M8, Length 272.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 109.70 B: 27.00 mm



113141 Starter 12 V, 0.8 kW
 Replacing: TM000A21901
 Servicing: Mitsubishi, New Holland, Onan
 B+ M8, Length 210.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 73.90 B: 29.50 mm



113254 Starter 12 V, 1.4 kW
 Replacing: D6RA110, TS14-62, TS14E110
 Servicing: Citroen, DS, Fiat, Opel, Peugeot,
 Toyota
 B+ M8, Length 206.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 4 (2)
 A: 62.00 B: 14.00 mm



113267 Starter 12 V, 0.7 kW
 Replacing: D7E31, D7E41, TS8E4
 Servicing: Nissan
 B+ M8, Length 185.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (1)
 A: 69.90 B: 12.00 mm



113269 Starter 12 V, 3.0 kW
 Manufacturer: Magneton
 Replacing: D11E118, D11E146, D11E153, D11E93
 Servicing: Atlas Copco, Barber Greene, Benford,
 Case, Daewoo, Matbro, Perkins, Thwaites
 B+ M10, Length 234.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 88.80 B: 31.50 mm



113307 Starter 12 V, 1.2 kW
 Manufacturer: Valeo
 Replacing: 186625, D6RA19, D6RA29,
 D6RA34, D6RA50, D6RA54, D9E50
 Servicing: BUKH, Lombardini
 B+ M8, Length 223.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.10 B: 27.00 mm



113387 Starter 12 V, 2.0 kW
 Replacing: D7RS131, D7RS31
 Servicing: Seat, VW
 B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 76.00 B: 54.00 mm



113445 Starter 12 V, 2.2 kW
 Replacing: TM000A34101, TM000A36101
 Servicing: Hyundai, Mitsubishi
 B+ M8, Length 239.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 9.00 mm



113456 Starter 24 V, 6.0 kW
 Replacing: M000A0301, TM000A0301
 Servicing: Daewoo
 B+ M10, Length 386.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 w/ safety switch.
 A: 89.00 B: 49.00 mm



113465 Starter 12 V, 3.0 kW
 Replacing: D11E104, D11E119, D11E119T
 Servicing: Renault V.I.
 B+ M10, Length 338.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.75 B: 21.50 mm



113466 Starter 24 V, 4.0 kW
 Replacing: 076517, 76517, D11E122, D11E122T, D11E99
 Servicing: Citroen, Peugeot, Renault V.I.
 B+ M10, Length 316.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 88.90 B: 22.00 mm



113478 Starter 12 V, 2.5 kW
 Replacing: 187031, D7R14
 Servicing: Atlas Copco, John Deere
 B+ M10, Length 254.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0), Oil sealed
 A: 82.50 B: 35.00 mm



113481 Starter 12 V, 1.4 kW
 Replacing: D6RA101, D6RA104
 Servicing: Opel, Renault, Suzuki, Vauxhall, Volvo
 B+ M8, Length 231.00, Drive type Steel, Gear type GR, Mount. holes 4 (4)
 A: 65.90 B: -1.00 mm



113521 Starter 12 V, 1.2 kW
 Replacing: M60062, M60082, TM000A13901
 Servicing: Hyundai, Kia
 B+ M8, Length 213.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 18.00 mm



113609 Starter 24 V, 6.2 kW
 Replacing: FS60PR006
 Servicing: Evobus, Mercedes-Benz, Setra
 B+ M12, 15a M6S, Length 391.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



113638 Starter 12 V, 1.4 kW
 Replacing: M60081, TM000A13701
 Servicing: Chrysler, Hyundai, Kia, Mitsubishi
 B+ M8, Length 194.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 77.00 B: 10.50 mm



113659 Starter 12 V, 0.9 kW
 Replacing: 1250955, TM000A27301, TM000A37201
 Servicing: Hyundai, Kia
 B+ M8, Length 186.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)
 A: 77.00 B: 18.00 mm



113676 Starter 24 V, 5.5 kW
 Replacing: MF250671
 Servicing: Renault V.I.
 B- M10, B+ M10, Length 350.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0) w/ safety switch.
 Alternative no.: 115883 ★
 A: 89.00 B: 40.00 mm



113719 Starter 12 V, 1.3 kW
 Replacing: D6G1, D6G32, D6G321
 Servicing: Fiat, Lancia, Opel, Vauxhall
 B+ M8, Length 201.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 Alternative no.: 115869 ★
 A: 63.90 B: 24.00 mm



113727 Starter 12 V, 2.7 kW
 Replacing: TM000A28901
 Servicing: Atlas Copco, Bobcat, Bomag, Doosan, Hitachi, Hyster, Kubota, Massey Ferguson, Mitsubishi
 B+ M10, 15a M5, Length 286.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 88.50 B: 46.50 mm



113745 Starter 12 V, 1.4 kW
 Replacing: VS371
 Servicing: Jaguar
 B+ M8, 15a M4, Length 267.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)
 A: 89.00 B: 26.70 mm



113773 Starter 12 V, 1.1 kW
 Replacing: D6GS14, D6GS14M
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.15 B: 62.00 mm



113796 Starter 12 V, 1.7 kW
 Replacing: TM000A31201
 Servicing: Hyundai
 B+ M8, Length 225.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 24.00 mm



113797 Starter 12 V, 1.7 kW
 Replacing: 1195925, 1250295, TM000A33401
 Servicing: Hyundai, Kia, Nissan
 B+ M8, Length 223.40, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 76.95 B: 16.85 mm



113841 Starter 12 V, 1.7 kW
 Replacing: 458390, D7GS10, TS18E3,
 TS18ER123, 458390
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 242.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 76.10 B: 62.00 mm



113842 Starter 12 V, 1.7 kW
 Replacing: 191335, D7GS8, TS18E1
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 234.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115508
 A: 76.20 B: 52.50 mm



113843 Starter 12 V, 1.1 kW
 Replacing: D6G33, D6G332
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall
 B+ M8, Length 199.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 64.00 B: 24.25 mm



113897 Starter 12 V, 1.4 kW
 Replacing: TS12E9
 Servicing: Dacia, Mercedes-Benz, Nissan,
 Renault, Suzuki
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 62.90 B: -0.07 mm



113905 Starter 12 V, 1.4 kW
 Manufacturer: Visteon
 Replacing: TS14E11
 Servicing: Ford, Mazda
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 116159
 B: 13.00 mm



113911 Starter 12 V, 2.2 kW
 Manufacturer: Visteon
 Replacing: 438400
 Servicing: Ford, Volvo
 B+ M8, Length 243.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 Alternative no.: 116157
 A: 62.50 B: -5.95 mm



113926 Starter 12 V, 1.9 kW
 Replacing: D8R27, D8R29
 Servicing: Citroen, DS, Fiat, Peugeot
 B+ M8, Length 237.00, Gear type GR,
 Mount. holes 3 (3)
 B: -5.00 mm



113929 Starter 12 V, 1.2 kW
 Replacing: D6RA105, D6RA115
 Servicing: Renault
 B+ M8, Length 209.00, Gear type GR,
 Mount. holes 3 (3)
 B: -1.00 mm



113932 Starter 12 V, 0.85 kW
 Replacing: D7E27, D7E47, FS10E3, TS10E3
 Servicing: Dacia, Lada, Nissan, Renault
 B+ M8, Length 168.00, Gear type DD,
 Mount. holes 3 (3)
 B: -3.00 mm



113933 Starter 12 V, 1.5 kW
 Replacing: 190895, D7G3, TS18E13
 Servicing: Citroen, DS, Mini, Opel, Peugeot,
 Toyota
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Mount. holes 4 (2)
 A: 62.00 B: 14.00 mm


113934 Starter 24 V, 5.5 kW

Replasing: FS60PR019, S635329A

Servicing: Bova, DAF, Solaris

B+ M10, Length 321.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm


113937 Starter 12 V, 2.2 kW

Replasing: 1250128, TM000A23601,
TM000V23601

Servicing: Hyundai, Kia

B+ M8, Length 240.00, Gear type GR,
Mount. holes 2 (2)

A: 78.00 B: 19.00 mm


113959 Starter 12 V, 2.0 kW

Replasing: D7R71

Servicing: Citroen, Fiat, Ford, Land Rover,
Peugeot

B+ M8, Length 261.50, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

Alternative no.: 115510

A: 89.00 B: 36.00 mm


113962 Starter 12 V, 0.9 kW

Replasing: D7E52

Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia
B+ M8, Length 169.60, Gear type DD/GR,
Mount. holes 2 (1)

A: 64.00 B: 10.00 mm


113963 Starter 12 V, 1.1 kW

Replasing: TS10E1, TS10E11

Servicing: Citroen, Peugeot, Toyota

B+ M8, Length 168.40, Gear type DD/GR,
Mount. holes 2 (1)

A: 74.00 B: 25.00 mm


113974 Starter 12 V, 1.1 kW

Replasing: D6RA21, D6RA210

Servicing: Moto Guzzi

B+ M8, Length 210.00, Drive type Steel,
Gear type GR, Mount. holes 2 (2)

A: 62.00 B: 9.45 mm


114029 Starter 12 V, 1.8 kW

Replasing: TS18E33, TS18E331

Servicing: Opel, Vauxhall

B+ M8, Length 215.00, Drive type Steel,
Gear type GR, Mount. holes 2 (1)

A: 64.00 B: 23.10 mm


114030 Starter 12 V, 2.2 kW

Replasing: D7G26, TS22E26

Servicing: Citroen, DS, Opel, Peugeot

B+ M8, Length 218.00, Gear type GR,
Mount. holes 4 (2)

B: 13.50 mm


114034 Starter 12 V, 1.0 kW

Replasing: D6GS12, D6GS12M, TS10E26

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 194.00, Gear type GR,
Mount. holes 2 (0)

A: 76.00 B: 52.50 mm


114035 Starter 12 V, 1.3 kW

Replasing: D6RA137, D6RA138, D6RA187,
D6RA188

Servicing: Fiat, Lancia

B+ M8, Length 208.00, Drive type Steel,
Gear type GR, Mount. holes 2 (2)

B: 10.00 mm


114073 Starter 24 V, 5.5 kW

Replasing: FS60PR020

Servicing: Bova, DAF, Minelli, Solaris, Temsa

B+ M10, Length 319.00, Drive type Steel,
Gear type DD/GR, Mount. holes 3 (0)
w/ safety switch.

Alternative no.: 115511

A: 110.00 B: 47.00 mm


114074 Starter 12 V, 2.2 kW

Replasing: TS2232, TS22-32, TS22E5,
TS22E5B, TS22E8, TS22E9

Servicing: Nissan, Opel, Renault, Vauxhall

B+ M8, Length 215.00, Gear type GR,
Mount. holes 3 (3)

A: 76.50 B: 13.50 mm


114095 Starter 12 V, 0.85 kW

Replacing: D7E39, TS8E6

Servicing: Dacia, Renault

B+ M8, Length 170.00, Drive type Steel,
Gear type DD, Clutch type Dry,
Mount. holes 2 (1)

A: 62.50 B: -1.00 mm


114100 Starter 24 V, 7.5 kW

Replacing: D13HP613, D13HP709

Servicing: Renault V.I.

B+ M12, Length 380.00, Gear type GR,
Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


114127 Starter 12 V, 1.6 kW

Manufacturer: Valeo

Replacing: D7G4

Servicing: BMW

B+ M8, 30h M5, Length 220.00,
Gear type GR, Mount. holes 2 (2)
Alternative no.: 116160

A: 74.00 B: 20.50 mm


114161 Starter 12 V, 2.4 kW

Replacing: D8R1

Servicing: Renault

B+ M8, Length 239.00, Gear type GR,
Mount. holes 3 (2)

B: -7.00 mm


114163 Starter 12 V, 1.1 kW

Replacing: D6GS11, TS12MR11

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 204.50, Gear type GR,
Mount. holes 3 (0)

A: 76.00 B: 53.00 mm


114171 Starter 12 V, 1.7 kW

Manufacturer: Valeo

Replacing: D7GS9

Servicing: Audi, VW

B+ M8, Length 211.00, Gear type GR,
Mount. holes 2 (0)

Alternative no.: 116338

A: 82.00 B: 3.00 mm


114175 Starter 12 V, 1.1 kW

Replacing: TS12E1

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 223.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 56.00 mm


114176 Starter 12 V, 1.0 kW

Replacing: D6GS13, D6GS13M

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 213.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 52.00 mm


114199 Starter 12 V, 0.7 kW

Replacing: D7E30, D7E32, D7E40, D7E42,
TS8E3, TS8E5

Servicing: Nissan, Renault

B+ M8, Length 166.00, Gear type DD,
Mount. holes 2 (1)

A: 70.00 B: 11.00 mm


114265 Starter 12 V, 2.7 kW

Replacing: D11E75

Servicing: VM Motori, VM (Stabilimenti Mec)

B+ M10, Length 295.00,
Mount. holes 2 (0)

A: 82.50 B: 21.50 mm


114270 Starter 12 V, 2.2 kW

Replacing: TM000A34001

Servicing: Ssangyong

B+ M8, Length 253.00, Gear type GR,
Mount. holes 2 (2)

A: 82.50 B: 25.00 mm


114299 Starter 12 V, 1.7 kW

Replacing: 438225, 458389, TS18ER121,
438225, 458389

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 232.00, Gear type GR,
Mount. holes 3 (0)

A: 76.00 B: 53.00 mm


114443 Starter 12 V, 0.9 kW

Replasing: 1195239, S000H201942, S000H204960

Servicing: Hyundai, Kia

B+ M8, Length 174.50, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 21.00 mm


114460 Starter 12 V, 1.4 kW

Replasing: D7R2, D7R24, D7R26, D7R4

Servicing: Citroen, DS, Fiat, Hyundai, Lancia, Mitsubishi, Opel, Peugeot

B+ M8, Length 216.00, Gear type GR, Mount. holes 3 (3)

B: -4.00 mm


114719 Starter 12 V, 1.2 kW

Manufacturer: Valeo

Replasing: D6RA17

Servicing: Ruggerini

B+ M8, Length 217.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 28.00 mm


114760 Starter 12 V, 0.8 kW

Replasing: 1250902

Servicing: Hyundai, Kia

B+ M8, Length 186.50, Gear type DD, Mount. holes 2 (2)

A: 75.00 B: 14.50 mm


114762 Starter 12 V, 2.2 kW

Replasing: MG122423

Servicing: Kia

B+ M8, Length 283.00, Gear type GR, Mount. holes 3 (0)

A: 88.00 B: 44.50 mm


114778 Starter 12 V, 2.0 kW

Replasing: 1250449

Servicing: Hyundai, Kia

B+ M8, Length 223.00, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 25.00 mm


114820 Starter 12 V, 1.2 kW

Replasing: 1195921, TM000A38001

Servicing: Hyundai, Kia

B+ M8, Length 194.00, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm


114821 Starter 12 V, 0.9 kW

Manufacturer: Valeo

Replasing: JM000A15001

Servicing: Hyundai, Kia

B+ M8, Length 185.00, Gear type DD, Mount. holes 2 (2)

A: 75.00 B: 15.00 mm


114854 Starter 12 V, 2.5 kW

Replasing: D8R28

Servicing: Citroen, DS, Fiat, Lancia, Mitsubishi, Opel, Peugeot, Vauxhall, VW

B+ M8, Length 238.00, Gear type GR, Mount. holes 5 (5)

B: -5.00 mm


114872 Starter 24 V, 5.5 kW

Replasing: FS60PR172

Servicing: Renault V.I., Volvo

B- M10, B+ M10, Length 344.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 115875

A: 92.00 B: 46.00 mm


114878 Starter 12 V, 2.2 kW

Replasing: D7G18, D7G22

Servicing: Chrysler, Jeep

B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 27.00 mm


114885 Starter 12 V, 0.9 kW

Replasing: M35216, MC109015, TM000A18001

Servicing: Kia

B+ M8, Length 184.00, Gear type DD, Mount. holes 3 (2)

A: 74.00 B: 12.50 mm



114892 Starter 12 V, 0.9 kW
 Replacing: 1250303, S0001250303
 Servicing: Hyundai, Kia
 B+ M8, Length 185.30, Gear type DD,
 Mount. holes 2 (2)
 A: 77.00 B: 21.00 mm



115336 Starter 12 V, 2.2 kW
 Replacing: ESW20ER121
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 252.00, Gear type GR,
 Mount. holes 3 (0)
 A: 79.00 B: 52.00 mm



115354 Starter 12 V, 1.3 kW
 Replacing: D6RA107, D6RA70, D6RAP404
 Servicing: Citroen, Lancia, Peugeot, Renault
 B+ M8, Length 212.00, Gear type GR,
 Mount. holes 3 (0)
 B: 13.50 mm



115376 Starter 12 V, 1.8 kW
 Replacing: TS18ER20
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 217.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 62.00 mm



115390 Starter 12 V, 1.2 kW
 Replacing: 1197908
 Servicing: Hyundai, Kia
 B+ M8, Length 208.50, Gear type GR,
 Mount. holes 2 (2)
 A: 75.00 B: 14.00 mm



115402 Starter 12 V, 1.8 kW
 Replacing: ESW20ER123, ESW20ER123HE,
 RSW20R13, RSW20R-13
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 248.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 61.00 mm



115403 Starter 12 V, 2.2 kW
 Manufacturer: Valeo
 Replacing: D7R51
 Servicing: Still
 B+ M8, Length 239.50, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



115420 Starter 12 V, 1.7 kW
 Replacing: D7G15
 Servicing: Chrysler, Jeep
 B+ M8, Length 255.10, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 26.00 mm



115426 Starter 12 V, 1.0 kW
 Replacing: 1196052A, FS10M3
 Servicing: Nissan
 B+ M8, Length 170.00, Gear type DD,
 Mount. holes 2 (2)
 B: 21.00 mm



115442 Starter 12 V, 0.8 kW
 Replacing: 187153, D7E15, D7E20
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 170.50, Gear type DD,
 Mount. holes 3 (3)
 A: 66.00 B: -1.00 mm



115522 Starter 12 V, 0.7 kW
 Replacing: D7E29
 Servicing: Nissan
 B+ M8, Length 168.00, Gear type DD,
 Mount. holes 2 (1)
 A: 70.00 B: 6.50 mm



115539 Starter 12 V, 2.0 kW
 Manufacturer: Valeo
 Replacing: ESW20ER25, ESW20ER25HE,
 RSW20R10, RSW20R-10
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 116156
 A: 79.00 B: 42.00 mm



115554 Starter 12 V, 1.0 kW
 Replacing: D6RA91
 Servicing: Honda
 B+ M8, Length 234.50, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 32.00 mm



115555 5★ Starter 12 V, 1.0 kW
 Manufacturer: Valeo
 Replacing: ESW10E40
 Servicing: Ford, Jeep
 B+ M8, Length 178.00, Gear type DD,
 Mount. holes 2 (1)
 A: 86.00 B: 20.00 mm



115559 Starter 12 V, 1.4 kW
 Replacing: TS14E42
 Servicing: Audi, Bentley, Porsche
 B+ M8, Length 230.50, Gear type GR,
 Mount. holes 2 (1)
 Alternative no.: 116054 5★
 A: 66.00 B: 24.00 mm



115571 Starter 12 V, 2.2 kW
 Replacing: 1196601
 Servicing: Chevrolet, Opel, Vauxhall
 B+ M8, Length 238.50, Gear type GR,
 Mount. holes 3 (1)
 A: 82.50 B: 22.00 mm



115574 Starter 12 V, 1.2 kW
 Replacing: TS12E36
 Servicing: BMW
 B+ M8, Length 203.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.00 B: 26.00 mm



115610 Starter 12 V, 2.0 kW
 Replacing: ESW20ER20, ESW20ER20B
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 61.00 mm



115611# Starter 12 V, 1.1 kW
 Replacing: TS12ER20
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 211.30, Gear type GR,
 Mount. holes 2 (0)
 A: 76.20 B: 63.00 mm



115612 Starter 12 V, 1.2 kW
 Replacing: TS12ER22, TS12ER22M
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 211.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 63.00 mm



115629 Starter 12 V, 1.0 kW
 Replacing: ESW1012, ESW10-12, ESW1014,
 ESW10-14, ESW10E7
 Servicing: Dacia, Renault, Smart (MCC)
 B+ M8, Gear type DD, Mount. holes 4 (3)
 B: 19.00 mm



115634 5★ Starter 12 V, 1.8 kW
 Manufacturer: Valeo
 Replacing: TS18ER22
 Servicing: Audi, Hyundai, Peugeot, Seat,
 Skoda, VW
 B+ M8, Length 217.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 62.00 mm



115685 Starter 12 V
 Replacing: FS10E10
 Servicing: Renault
 B+ M8, Length 184.00, Gear type GR,
 Mount. holes 3 (3)
 A: 70.00 B: 19.50 mm



115744# Starter 12 V, 1.7 kW
 Replacing: D7GS17, D7GS7
 Servicing: VW
 B+ M8, Length 209.00, Gear type GR,
 Mount. holes 3 (2)
 A: 76.00 B: 23.00 mm



115745[#] Starter 12 V, 2.2 kW
 Replacing: TS22E20
 Servicing: Cadillac, Chevrolet, Saab
 B+ M8, Length 218.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 20.00 mm



115757 Starter 12 V, 0.9 kW
 Replacing: 1204960, A0001204960
 Servicing: Hyundai, Kia
 B+ M8, Length 185.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 22.00 mm



115758 Starter 12 V, 1.2 kW
 Replacing: 1209422
 Servicing: Hyundai, Kia
 B+ M8, Length 199.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 28.00 mm



115769 Starter 12 V, 2.3 kW
 Replacing: TS22E36, TS22E37
 Servicing: Ford, Volvo
 B+ M8, Length 216.00, Gear type GR,
 Mount. holes 3 (2)
 B: 13.00 mm



115829 Starter 12 V, 2.0 kW
 Replacing: ESW2013, ESW2014, ESW20-14,
 ESW20E26
 Servicing: Nissan, Opel, Renault, Vauxhall
 B+ M8, Length 236.00, Gear type GR,
 Mount. holes 3 (3)
 B: 1.00 mm



115839 Starter 12 V, 2.0 kW
 Replacing: TS24E3, TS24E30
 Servicing: Toyota
 B+ M8, Length 217.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 24.00 mm



115841 Starter 12 V, 2.4 kW
 Replacing: TS24E13
 Servicing: VW
 B+ M8, Length 217.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.50 B: 20.50 mm



115869 Starter 12 V, 1.3 kW
 Manufacturer: Visteon
 Replacing: D6G1, D6G32, D6G321
 Servicing: Fiat, Lancia, Opel, Vauxhall
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 Alternative no.: 113719
 A: 63.90 B: 24.00 mm



115875 Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: FS60PR172
 Servicing: Renault V.I., Volvo
 B+ M10, Length 320.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 114872
 A: 92.00 B: 47.00 mm



115947 Starter 12 V, 1.1 kW
 Replacing: D6GS19
 Servicing: Audi, Seat
 B+ M8, Length 224.50, Gear type GR,
 Mount. holes 2 (2)
 A: 82.20 B: 3.00 mm



115948 Starter 12 V, 2.2 kW
 Replacing: TS22E45
 Servicing: Audi, Porsche
 B+ M8, Length 249.00, Gear type GR,
 Mount. holes 2 (1)
 A: 66.00 B: 24.00 mm



115949 Starter 12 V, 2.2 kW
 Replacing: TS24E6
 Servicing: Nissan
 B+ M8, Length 221.00, Gear type GR,
 Mount. holes 2 (2)
 B: 20.50 mm



115977 Starter 12 V, 1.2 kW
 Replacing: 1195912, 1250313
 Servicing: Hyundai, Kia
 B+ M8, Length 215.50, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 10.20 mm



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115978 Starter 12 V, 2.2 kW
 Replacing: 1196795, 1250825
 Servicing: Hyundai
 Gear type GR, Mount. holes 2 (2)



116046 Starter 12 V, 1.2 kW
 Replacing: D6G2, TS12E30
 Servicing: BMW
 B+ M8, Length 213.00, Gear type GR,
 Mount. holes 2 (0)
 B: 24.00 mm



116054 Starter 12 V, 1.4 kW
 Manufacturer: Bosch
 Replacing: TS14E42
 Servicing: Audi, Bentley, Porsche
 B+ M8, Length 230.50, Gear type GR,
 Mount. holes 2 (1)
 Alternative no.: 115559
 A: 66.00 B: 24.00 mm



116088 Starter 12 V, 2.4 kW
 Replacing: ESW24E5, ESW24E50
 Servicing: Volvo
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 3 (2)
 A: 76.20 B: -5.50 mm



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116097* Starter 12 V, 2.0 kW
 Replacing: TS18ER23
 Servicing: Audi, Seat, Skoda, VW
 Gear type GR, Mount. holes 2 (0)



116112 Starter 12 V, 2.5 kW
 Replacing: MG120558
 Servicing: John Deere, Yanmar
 B+ M8, Length 297.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 19.00 mm



116137 Starter 12 V, 2.8 kW
 Manufacturer: Mahle Letrika
 Replacing: 9AR2699
 Servicing: Buhrer, Ford, Matbro, New Holland
 B- M8, B+ M8, Length 318.50,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 110462
 A: 92.00 B: 21.00 mm



116156 Starter 12 V, 2.0 kW
 Replacing: 02E911022C, ESW20ER25, ES-
 W20ER25HE, RSW20R10, RSW20R-10
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 115539
 A: 79.00 B: 42.00 mm



116157 Starter 12 V, 2.2 kW
 Replacing: 438400
 Servicing: Ford, Volvo
 B+ M8, Length 243.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 Alternative no.: 113911
 A: 62.50 B: -5.95 mm



116159 Starter 12 V, 1.4 kW
 Replacing: TS14E11
 Servicing: Ford, Mazda
 B+ M8, Length 200.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 113905
 B: 14.00 mm



116160 Starter 12 V, 1.6 kW
 Replacing: D7G4
 Servicing: BMW
 B+ M8, 30h M5, Length 221.00,
 Gear type GR, Mount. holes 2 (2)
 Alternative no.: 114127
 A: 74.00 B: 20.50 mm



116247 Starter 12 V, 2.2 kW
 Replacing: TS2234, TS22-34, TS22E28
 Servicing: Ford
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 34.50 mm



116248 Starter 12 V, 2.2 kW
 Replacing: TS22ER12, TS22ER13
 Servicing: VW
 B+ M8, Length 222.00, Gear type GR,
 Mount. holes 2 (1)
 B: 12.00 mm



116258 Starter 12 V, 1.7 kW
 Manufacturer: Valeo
 Replacing: 1205914
 Servicing: Hyundai, Kia
 B+ M8, Length 186.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 17.00 mm



116260 Starter 12 V, 0.9 kW
 Replacing: 1201952, S0001201952
 Servicing: Hyundai, Kia
 B+ M8, Length 185.00, Gear type DD,
 Mount. holes 2 (2)
 A: 75.00 B: 16.00 mm



116265 Starter 12 V, 2.2 kW
 Replacing: ESW2027HE, ESW22E3
 Servicing: Volvo
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 3 (3)
 A: 76.20 B: -2.00 mm



116266 Starter 12 V, 1.2 kW
 Replacing: LS12E401
 Servicing: Ford
 B+ M8, Length 195.00, Gear type GR,
 Mount. holes 2 (1)
 A: 86.00 B: 20.00 mm



116271 Starter 12 V, 1.7 kW
 Manufacturer: Delco Remy Korea
 Replacing: 1204354
 Servicing: Hyundai, Kia
 B+ M8, Length 220.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 16.00 mm



116276 Starter 12 V, 1.7 kW
 Replacing: 1199875
 Servicing: Hyundai, Kia
 B+ M8, Length 187.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 15.00 mm



116279 Starter 12 V, 1.2 kW
 Replacing: TS12E200
 Servicing: Citroen, Peugeot, Toyota
 B+ M8, Length 199.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 26.00 mm



116280 Starter 12 V, 0.9 kW
 Replacing: ESM1811, ESM18-11, ESM18E7
 Servicing: Peugeot
 B+ M8, Length 209.00, Gear type GR,
 Mount. holes 3 (1)
 B: 13.50 mm



116281 Starter 12 V, 1.8 kW
 Replacing: ESM18E8
 Servicing: Citroen, DS, Opel, Peugeot,
 Vauxhall
 B+ M8, Length 208.50, Gear type GR,
 Mount. holes 3 (1)
 B: 13.00 mm



116287 Starter 12 V, 2.2 kW
 Replacing: ESW2211, ESW22-11, ESW2212,
 ESW2215, ESW22-15, ESW22E8, ESW22E80
 Servicing: Nissan, Opel, Renault, Vauxhall
 B+ M8, Length 234.00, Gear type GR,
 Mount. holes 3 (3)
 A: 76.50 B: 14.50 mm



116316 Starter 12 V, 2.0 kW
 Replacing: ESW2022, ESW20E11
 Servicing: Ford
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 3 (2)
 B: 14.00 mm



116338 Starter 12 V, 1.7 kW
 Replacing: D7GS9
 Servicing: Audi, VW
 B+ M8, Length 216.00, Gear type GR,
 Mount. holes 2 (2)
 Alternative no.: 114171* 5★
 A: 82.00 B: 3.00 mm



116367 Starter 12 V, 1.7 kW
 Replacing: RSM1411, RSM14-11
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 2 (2)
 A: 64.00 B: 0.20 mm



116421 Starter 12 V, 2.0 kW
 Replacing: ESW20E18, ESW20E-18
 Servicing: Ford
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 3 (2)
 B: 14.00 mm



116428 5★ Starter 12 V, 1.2 kW
 Manufacturer: Delco Remy Korea
 Replacing: 1201973
 Servicing: Hyundai, Kia
 B+ M8, Length 203.00, Gear type GR,
 Mount. holes 2 (2)
 A: 75.00 B: 14.00 mm



116429 Starter 12 V, 1.2 kW
 Replacing: 1195411
 Servicing: Hyundai, Kia
 B+ M8, Length 179.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 19.00 mm



116440 Starter 12 V, 1.8 kW
 Replacing: D7RS130
 Servicing: Linde
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 53.00 mm



116505 Starter 12 V, 1.7 kW
 Replacing: D7G6, D7GP21
 Servicing: Audi, Faw-Audi
 B+ M8, Length 214.00, Gear type GR,
 Mount. holes 3 (2)
 A: 76.20 B: 22.00 mm



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116516 Starter 12 V, 2.2 kW
 Replacing: TS2229, TS22-29
 Servicing: Ford
 B+ M8, Length 236.00, Gear type GR,
 Mount. holes 2 (0)
 B: 35.00 mm



116648 Starter 12 V, 1.0 kW
 Replacing: ESW10E1
 Servicing: Citroen, Peugeot, Toyota
 B+ M8, Length 204.00, Gear type DD,
 Mount. holes 2 (1)
 A: 74.00 B: 25.00 mm



116682 Starter 12 V, 1.4 kW
 Replacing: RSM1410, RSM14-10
 Servicing: Volvo
 B+ M8, Length 211.00, Gear type GR,
 Mount. holes 3 (3)
 B: -2.00 mm



116690 Starter 24 V, 4.8 kW
 Replacing: 94955E, D11E149
 Servicing: Bosch, KHD
 B+ M10, Length 358.00, Gear type DD,
 Mount. holes 3 (0)
 Alternative no.: 112651 5★
 A: 89.00 B: 49.00 mm



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116709 Starter 12 V, 0.85 kW

Replacing: 1201942

Servicing: Hyundai, Kia

B+ 8.00, Length 182.50, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 21.00 mm

NEW PRODUCT

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116720* Starter 12 V, 1.4 kW

Replacing: RSW20R11

Servicing: Audi, Seat, Skoda, Skoda (SVW), VW

Gear type GR, Mount. holes 3 (0)

A: 79.00 mm

NEW PRODUCT

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116781* Alternator 14 V, 180 Amp

Replacing: 2617511A, FG18D111

Servicing: BMW

Pulley FW, Grooves 6


110461 Starter 12 V, 2.8 kW

Replacing: 20-100-01020

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


110867 Starter 12 V, 1.7 kW

Replacing: 20-100-01008

Servicing: Audi, Ford, Mazda

B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 14.25 mm


111131 Starter 12 V, 0.8 kW

Replacing: 20-100-01014

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm


111374 Starter 12 V, 1.5 kW

Replacing: 20-100-01003

Servicing: Ford, Jaguar, Mazda, Mercury

B+ M8, Length 219.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

mm


111680 Starter 12 V, 1.1 kW

Replacing: 20-100-01006

Servicing: Ford

B+ M8, Length 211.75, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (2)

A: 72.00 B: 15.00 mm


111900 Starter 12 V, 1.8 kW

Replacing: 20-100-01015, 20-100-01015

Servicing: Audi, Ford, Lamborghini, Seat, Skoda, VW

B+ M8, Length 235.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115503 5★

A: 76.00 B: 53.00 mm


111906 Starter 12 V, 1.1 kW

Replacing: 20-100-01010, 20-100-01006, 20-100-01010

Servicing: Ford, Mazda, Volvo

B+ M8, Length 214.35, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.20 B: 26.35 mm


112006 Starter 12 V, 2.0 kW

Replacing: 20-100-01006

Servicing: Toyota

B+ M8, Length 250.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm


112235 Starter 12 V, 1.4 kW

Replacing: 20-100-01001, 20-100-01005, 20-100-01005

Servicing: Ford, Mazda, Mercury

B+ M8, Length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 76.10 B: 13.00 mm


112251 Starter 12 V, 2.3 kW

Replacing: 20-100-01011, 20-100-01020, 20-100-01014, 20-100-01020

Servicing: Ford, LDV

B+ M8, Length 258.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 91.90 B: 20.50 mm


112290 Starter 12 V, 2.2 kW

Replacing: 20-100-01007, 20-100-01008, 20-100-01025, 20-100-01008

Servicing: Ford, Mazda

B+ M8, Length 259.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


112340 Starter 12 V, 1.4 kW

Replacing: 20-100-01002

Servicing: Ford, Mazda, Mercury

B+ M8, Length 226.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 4.00 mm



112821 Starter 12 V, 2.2 kW
 Replacing: 20-100-01022, 20-100-01022
 Servicing: Ford, Jaguar
 B+ M8, Length 250.80, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 Alternative no.: 115870
 B: 36.00 mm



113701 Starter 12 V, 1.1 kW
 Manufacturer: Visteon
 Replacing: 20-100-01006, 20-100-01006
 Servicing: Ford, Mazda
 B+ M8, Length 218.50, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (2)
 A: 71.00 B: 14.00 mm



113794 Starter 12 V, 1.4 kW
 Replacing: 20-100-01023, 20-100-01023
 Servicing: Ford
 B+ M8, Length 214.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 B: 30.50 mm



113905 Starter 12 V, 1.4 kW
 Manufacturer: Visteon
 Replacing: 20-100-01021, 20-100-01021
 Servicing: Ford, Mazda
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 116159
 B: 13.00 mm



113906 Starter 12 V, 1.2 kW
 Replacing: 20-100-01027, 20-100-01027
 Servicing: Ford, Volvo
 B+ M8, Length 214.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 B: 29.00 mm



113908 Starter 12 V, 1.2 kW
 Manufacturer: Visteon
 Replacing: 20-100-01029, 20-100-01029
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 200.30, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 116062
 B: 14.00 mm



113910 Starter 12 V, 1.4 kW
 Replacing: 20-100-01014, 20-100-01034, 20-100-01014, 20-100-01034
 Servicing: Ford
 B+ M8, Length 209.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 15.00 mm



113911 Starter 12 V, 2.2 kW
 Manufacturer: Visteon
 Replacing: 20-100-01036, 20-100-01036
 Servicing: Ford, Volvo
 B+ M8, Length 243.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 Alternative no.: 116157
 A: 62.50 B: -5.95 mm



114119 Starter 12 V, 2.2 kW
 Replacing: 20-100-01008, 20-100-01025
 Servicing: Ford
 B+ M8, Length 256.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 14.50 mm



115869 Starter 12 V, 1.3 kW
 Manufacturer: Visteon
 Replacing: AMHB3C11000AA
 Servicing: Fiat, Lancia, Opel, Vauxhall
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 Alternative no.: 113719
 A: 63.90 B: 24.00 mm



115870 Starter 12 V, 2.1 kW
 Manufacturer: Visteon
 Replacing: 20-100-01022, 20-100-01022
 Servicing: Ford, Jaguar
 B+ M8, Length 256.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 112821
 B: 36.00 mm



116062 Starter 12 V, 1.2 kW
 Replacing: 20-100-01029, 20-100-01029
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 216.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 113908
 B: 14.00 mm



116157 Starter 12 V, 2.2 kW

Replacing: 20-100-01036, 20-100-01036

Servicing: Ford, Volvo

B+ M8, Length 243.50, Drive type Steel, Gear type GR, Mount. holes 3 (3)

Alternative no.: 113911

A: 62.50 B: -5.95 mm



116159 Starter 12 V, 1.4 kW

Replacing: 20-100-01021, 20-100-01021

Servicing: Ford, Mazda

B+ M8, Length 200.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

Alternative no.: 113905

B: 14.00 mm



116440 Starter 12 V, 1.8 kW

Replacing: 20-100-01015

Servicing: Linde

B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 53.00 mm



110512 Starter 24 V, 5.4 kW

Replacing: 0001402008, 0001402023, 0001402037, 0001402041, 0001402054, 0001402055, 0001402064, 0001402075, IM522, 6160000, 6250000, R20.17, R20Z, R23.16, R23.17, R23.25, LR155-414B, 10.130.123, 11.130.115, 11.139.035, 11.139.052, AZK5104, AZK5194, AZK5412, IS0075, IS0115, IS0607, 22615, LRS00817, LRS00824, LRS00843, LRS00854, LRS01806, LRS01808, LRS01827, 9125320, 9125340, 19024024, 19024550, 19024556, 076571, D13E63, D13E63T, D13E69, D13E69T, D13E81, D13E81T, 438038, 455504, 455505, 455615, 455926

Servicing: Agco, Agco Allis, Ahlmann, Atlas Copco, Bomag, Case, Caterpillar, Deutz-Fahr, Fendt, Irmer

B- M10, B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110601 Starter 24 V, 5.4 kW

Replacing: 0001402043, 0001402059, 0001410029, 0001410030, 0001414017, 0001415010, 0001416013, BNG4/24CR165SR, IM131, 6130000, R23.13, 10.130.121, 11.130.005, 11.139.034, AZK5113, AZK5117, AZK5193, IS0005, IS0655, IS9051, IS9057, 9124340, 9125290, 19024578, LRS00840, LRS00843, LRS01808, LRS01820, 455521

Servicing: Mercedes-Benz, Steyr, Volvo

B+ M10, Length 386.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm



110942 Starter 12 V, 2.5 kW

Replacing: 91534010

Servicing: Bobcat

B+ M10, Length 295.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0), Oil sealed

A: 82.50 B: 35.50 mm



112268 Starter 12 V, 2.8 kW

Replacing: 1335407

Servicing: Allis Chalmers, Hyster, Massey Ferguson, New Holland

B+ M10, Length 340.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed

Replacing: 28MT.

A: 89.00 B: 46.00 mm



113181 Starter 12 V, 2.3 kW

Replacing: 7020479

Servicing: Bomag, Claas, Clark, Deutz-Fahr, Fendt, Gehl, Genie, Hamm, Hurlimann, JCB, KHD, Lamborghini, Linde

B+ M8, Length 258.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 23.00 mm



114075 Starter 12 V

Replacing: 32-098-01, 32-098-03, 32-098-04, KOH32098015

Servicing: New Holland

B+ 1/4" UNC, Length 221.00, Gear type DD, Mount. holes 2 (0)

B: 17.00 mm



114107 Starter 12 V, 3.2 kW

Replacing: 191068M94

Servicing: Landini, Massey Ferguson, McCormick, Perkins

B+ M10, Length 295.00, Gear type GR, Mount. holes 3 (0)

A: 88.88 B: 29.50 mm



115755 Starter 12 V, 1.2 kW

Replacing: 825083, 825700, 428000-3170

Servicing: Kawasaki

B+ M8, Length 180.00, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 20.00 mm



116074# Starter 12 V, 0.34 kW

Replacing: 178100, 179116, 36635

Servicing: Piaggio

B+ M5, Length 138.00, Gear type DD, Mount. holes 2 (0)

A: 63.00 B: 22.00 mm



116265 Starter 12 V, 2.2 kW

Replacing: BB4KA

Servicing: Volvo

B+ M8, Length 235.00, Gear type GR, Mount. holes 3 (3)

A: 76.20 B: -2.00 mm

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116498* Starter 24 V, 5.5 kW

Replacing: 64413708000

Servicing: Belarus

Gear type GR



116682 Starter 12 V, 1.4 kW

Replacing: EJ3MA, VEJ3MA

Servicing: Volvo

B+ M8, Length 211.00, Gear type GR,
Mount. holes 3 (3)

B: -2.00 mm

NEW PRODUCT

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116711 Starter 24 V, 4.0 kW

Replacing: OCO71074

Servicing: Cummins, John Deere

Mount. holes 3 (0), Insulated return Yes



110429 ★ DC Motor 12 V, 2.0 kW
Manufacturer: Mahle Letrika
Replacing: 11.212.066, AMJ5632
Pulley w/o, Fan w/o, Length 174.00,
Insulated return No



111091 ★ DC Motor 24 V, 2.2 kW
Manufacturer: Mahle Letrika
Replacing: 1363550811024, 11.212.417,
 AMJ5592, IM0055, MM191, 19024678,
Pulley w/o, Fan w/o, Length 195.60,
Insulated return Yes
A: 105.00 mm



111092 ★ DC Motor 12 V, 1.6 kW
Manufacturer: Mahle Letrika
Replacing: 136355080, 12M1TP13, 12MB11M,
 12MB11TWA, 12MB12M, 12MB12TWA,
 12MB1CWA, 12MB1TWA, 12MB1WA, 1012,
 11.212.416, 11.212.957, AMJ5272, AMJ5591,
 AMJ5991, IM0054, MM192, 19024706
Pulley w/o, Length 195.45,
Insulated return Yes
A: 105.00 mm



111466 DC Motor 24 V, 1.5 kW
Replacing: 0136355012, 0136355014,
 0136355037, 0136355038, 0136355042,
 0136355057, 0136355061, 0136355067, 1424,
 11.212.001, 11.214.057, MM159
Servicing: Volvo
Pulley w/o, Fan w/o, Length 200.40,
Insulated return No



111861 DC Motor 12 V, 0.5 kW
Replacing: 462415, FPOR4001, MGL4105,
 MKW4007, M0551046A, MM48826, SM48826,
Pulley w/o, Fan w/o, Length 175.00,
Insulated return No



112317 ★ DC Motor 12 V, 1.6 kW
Manufacturer: Mahle Letrika
Replacing: 11.212.622, AMJ4664MDX7047,
 MDY6116, MDY7037, MDY7039, MDY7040,
 MDY7055, MDY7061, MDY7066, MF7034,
 MFX4001, MFX4004, 19024730, 19024743,
 M11C40
Pulley w/o, Fan w/o, Length 191.00,
Insulated return No



112318 ★ DC Motor 24 V, 2.5 kW
Manufacturer: Mahle Letrika
Replacing: 11212619, 47044606, 47044617,
 MDF7024, MHJ7003, MHJ7005, MHJ7024,
 MHX4001, 19024731, 19024732
Pulley w/o, Fan w/o, Length 191.25,
Insulated return No



112487 ★ DC Motor 24 V, 2.1 kW
Manufacturer: Mahle Letrika
Replacing: 11.212.169, AMJ5690, 19024688,
 19024709, 19024713
Pulley w/o, Fan w/o, Length 191.00,
Insulated return No



112573 ★ DC Motor 12 V, 1.6 kW
Manufacturer: Mahle Letrika
Replacing: 11.212.107, 11.212.609,
 11.216.117, AMJ5175, AMJ5666, AMJ5705
Pulley w/o, Fan w/o, Length 173.00,
Insulated return No
A: 108.00 mm



112574 ★ DC Motor 12 V, 1.6 kW
Manufacturer: Mahle Letrika
Replacing: 11.216.273, AMJ4635, AMJ4761
Pulley w/o, Fan w/o, Length 230.00,
Insulated return No



112575 ★ DC motor 24 V, 2.0 kW
Manufacturer: Mahle Letrika
Replacing: 136501074, 11.212.450, AMJ4636,
 AMJ4762, IM0089, IM0147, MM294, MM294OF
Pulley w/o, Fan w/o, Length 226.50,
Insulated return No
A: 108.85 mm



112577 ★ DC Motor 12 V, 1.8 kW
Manufacturer: Prestolite
Replacing: MBJ4201, MBJ4202, MBJ4209,
 MBJ4402, MBJ4407, MBJ6202, MBJ6304,
 MM141
Pulley w/o, Fan w/o, Length 211.00,
Insulated return No
Shaft 19.00 mm. **Thread on thru bolts:** 3/8
 UNFx22.50 mm.
A: 75.90 mm



112864 DC Motor 24 V, 0.8 kW
 Replacing: 19024729
 Pulley w/o, Fan w/o, Length 175.00
 A: 80.00 mm



113666 DC Motor 24 V, 2.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.212.212, 11.212.610,
 11.216.257, AMJ5176, AMJ5511, AMJ5730
 Pulley w/o, Fan w/o, Length 173.00,
 Insulated return No



110060 Dynastarter 12 V, 11 Amp, 0.9 kW

Replacing: 0010300002, 0010300004, 0010300006, 0010300100, 861095, 19025600
Servicing: Albin, BCS, Goldoni, Lombardini, Piaggio
Pulley w/o, Fan w/o, Length 236.50,
Blower w/o, Insulated return No
Regulator: HC-CARGO 235781. **Solenoid:** HC-CARGO 133695.



110061 Dynastarter 12 V, 11 Amp, 0.9 kW

Replacing: 0010300001, 0010300003, 0010350005, 0010350102, 010300101, 19025602
Servicing: BCS, Ferrari
Pulley w/o, Fan w/o, Length 237.00,
Blower w/o, Insulated return No
Regulator: HC-CARGO 235781. **Solenoid:** HC-CARGO 133695.



113142 Dynastarter 12 V, 15 Amp

Replacing: 1101951, 1101986, 1101998
Servicing: Cub Cadet
Pulley w/o, Fan w/o, Length 262.00
Regulator: HC-CARGO 233623, 233624.
Solenoid: HC-CARGO 132939. **Nut:** HC-CARGO 132346. *Not for universal use.*



113143 Dynastarter 12 V, 25 Amp

Replacing: 1101432
Servicing: Case, Cub Cadet, Jacobsen, Massey Ferguson, Roper, Simplicity
Pulley w/o, Fan w/o, Length 265.00
Nut: HC-CARGO 132346. *Not for universal use.*
A: 102.60 mm



113144 Dynastarter 12 V, 23 Amp, 0.7 kW

Replacing: GSB107-01, GSB107-01A, GSB107-04A, GSB107-04C
Servicing: Club Car, EZ-GO
Pulley w/, Fan w/o, Length 247.00,
Insulated return No
Regulator: HC-CARGO 233625. *Not for universal use.*



113145 Dynastarter 12 V, 15 Amp, 0.75 kW

Replacing: GSB107-06, GSB107-06E, GSB107-06F
Servicing: John Deere
Pulley w/o, Fan w/o, Length 241.50,
Insulated return No
Regulator: HC-CARGO 233625. *Not for universal use.*



113146 Dynastarter 12 V, 15 Amp, 0.75 kW

Replacing: GSB107-10B, GSB107-10C
Servicing: Yanmar
Pulley w/o, Fan w/o, Length 240.00,
Insulated return No
Regulator: HC-CARGO 233625. *Not for universal use.*



113147 Dynastarter 12 V, 23 Amp, 0.7 kW

Replacing: GSB107-06B
Servicing: Yanmar
Pulley w/o, Fan w/o, Length 248.00,
Insulated return No
Regulator: HC-CARGO 233625. *Not for universal use.*



113148 Dynastarter 12 V, 23 Amp, 0.75 kW

Replacing: 1018294-01
Servicing: Club Car
Pulley w/, Fan w/o, Length 247.00,
Insulated return No
Regulator: HC-CARGO 233625. *Not for universal use.*



111863 Tilt/ Trim Motor 12 V
 Replacing: 40-259, ETK4102
 Servicing: OMC
 Pulley w/o, Fan w/o, Length 171.00,
 Insulated return No



111864 Tilt/ Trim Motor 12 V
 Replacing: EVC4002
 Servicing: OMC
 Length 132.00
 A: 70.00 mm



Application list

Edition 2023-2025



Attention:

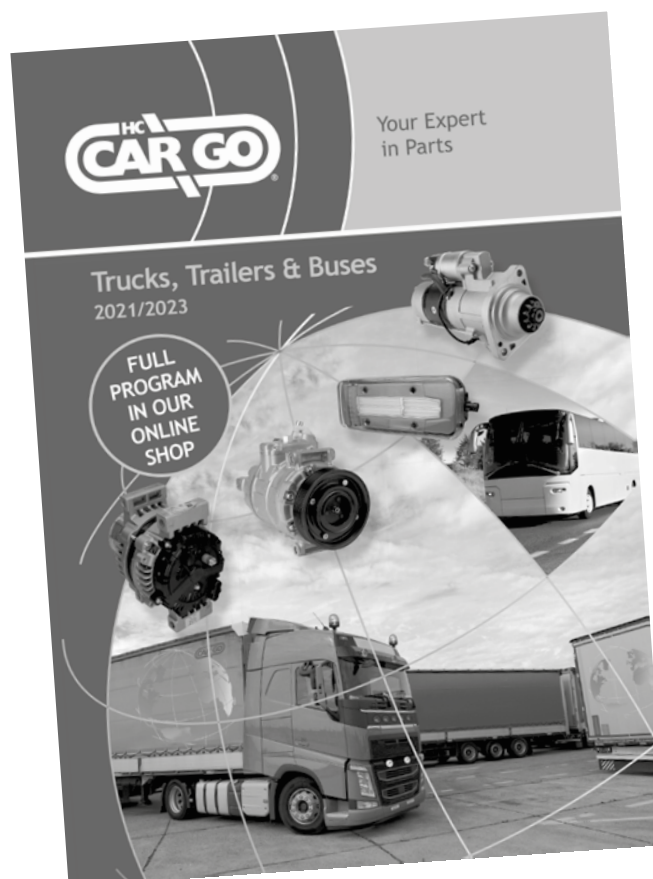
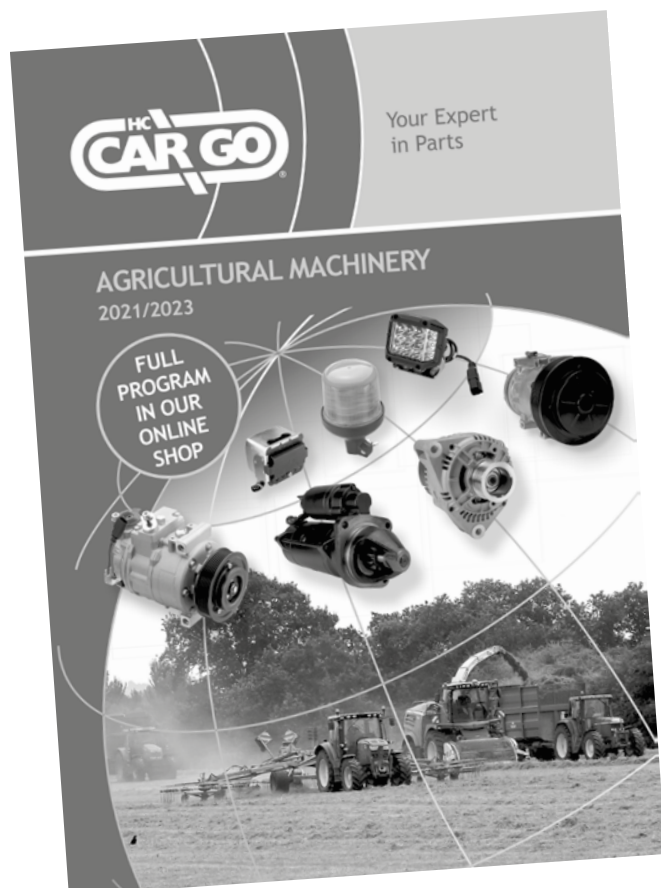
Regarding application lists for heavy duty vehicles and agricultural machinery we refer to our 2 separate catalogues:

“Trucks, trailers & buses”

“Agricultural Machinery”

The catalogues can be downloaded from our webpage,
www.hc-cargo.com

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Abarth											
PASSENGER CARS EU											
500 1.4	[312B3.000]							05.16-	113962	12	0.9
	[312B4.000]							05.16-	113962	12	0.9
500 1.4 Abarth	[312A1.000]	08.08-	116089	14	120			08.08-	113962	12	0.9
	[312A3.000]	08.08-	116089	14	120			08.08-	113962	12	0.9
500 1.4 16V Abarth	[312A3.000]	08.08-	116089	14	120			08.08-	113962	12	0.9
500 / 595 1.4	[312B6.000]							06.16-	113962	12	0.9
500C / 595C 1.4	[312B3.000]	05.16-	116089	14	120			05.16-	113962	12	0.9
	[312B4.000]	05.16-	116089	14	120			05.16-	113962	12	0.9
Grande Punto 1.4 Abarth	[199A8.000]	12.07-	114806	14	120			12.07-	113962	12	0.9
		12.07-	115874	14	120 A49						
	[955A8.000]	12.07-	114806	14	120			12.07-	113962	12	0.9
		12.07-	115874	14	120 A49						
Punto Evo 1.4	[955A8.000]	10.09- 02.12	114806	14	120			10.09- 02.12	115312	12	1.1
		10.09- 02.12	115874	14	120						
Ritmo 2.0 TC Abarth	[138AR1.000]	12.82- 12.87	110912	14	55						
	[138AR2.000]	04.83- 12.87	111620	14	65						
ABG											
INDUSTRY											
Various Models								03.72- 12.90	110523	24	4.0
								04.68- 08.82	110536	12	2.7
								05.76- 12.90	113464	24	4.8
									116312	12	2.7 BO
									116139	12	3.0 A49
AC											
PASSENGER CARS EU											
ME 3000 3.0		01.79- 12.86	111515	14	70						
ACME											
MOTORS											
Various Models								01.79-	112034	12	1.7
Acura											
PASSENGER CARS US											
Integra 1.6 LS	[D16A1]							01.86- 01.89	111442	12	1.4
Integra 1.6 LS Special Edition	[D16A1]							01.87-	111442	12	1.4
Integra 1.6 RS	[D16A1]							01.86- 01.89	111442	12	1.4
Integra 1.6 SE	[D16A1]							01.88-	111442	12	1.4
TSX 2.4	[K24A2]							01.04- 01.05	113821	12	1.4
PASSENGER CARS AO											
TSX 2.4 VTEC	[K24A2]							10.03- 01.05	113821	12	1.4
Aebi											
INDUSTRY											
GALPIO Scrubbers and Sweepers	[GX390]								113671	12	
TP48 Utility Vehicles	[V3307-DI-T]		114807	14	60				114167	12	3.0
TP48P Utility Vehicles	[V3307-DI-T]		114807	14	60				114167	12	3.0
AGCO											
INDUSTRY											
49 DTAP Pumps	[49 DTAG]		112556	14	95						
			113610	14	120						
			116454	14	95						
Agco Power (Sisu diesel)											
MOTORS											
Marine			115851	28	60				114266	24	4.0
									116070	24	4.0
Ahlmann											
INDUSTRY											
Various Models								07.82-	110512	24	5.4
								01.68- 01.80	110523	24	4.0
Alfa Romeo											
PASSENGER CARS EU											
147 1.6 LPG	[AR32104]	AC 03.01- 12.09	113536	14	90			03.01- 12.09	113430	12	1.8
		AC 03.01- 12.09	113942	14	100						
	[AR37203]	AC 01.09- 03.10	113536	14	90			01.09- 03.10	111685	12	1.4
		AC 01.09- 03.10	113942	14	100			01.09- 03.10	113931	12	1.7
147 1.9 JTD	[937A2.000]	10.00- 08.02	113336	14	120			10.00- 08.02	111685	12	1.4
		10.00- 08.02	113943	14	100						
Alfa 145 1.4 i.e. 16V	[AR33503]	12.96- 01.01	111413	14	90			12.96- 01.01	111685	12	1.4
		12.96- 01.01	113536	14	90						
		12.96- 01.01	113942	14	100						
	[AR38501]	12.96- 01.01	111413	14	90			12.96- 01.01	111685	12	1.4
		12.96- 01.01	113536	14	90						
		12.96- 01.01	113942	14	100						
Alfa 145 1.6 16V	[AR 32102]	09.97- 12.00	113942	14	100						
Alfa 145 1.6 i.e. 16V	[AR38201]	12.96- 01.01	113942	14	100			12.96- 01.01	113430	12	1.8
	[AR67601]	12.96- 01.01	113942	14	100			12.96- 01.01	113430	12	1.8
Alfa 145 1.8 i.e. 16V	[AR32201]	03.98- 01.01	113942	14	100						
	[AR38401]	12.96- 12.98	113942	14	100						
	[AR67106]	12.96- 12.98	113942	14	100						
	[AR67199]	12.96- 12.98	113942	14	100						
Alfa 145 1.9 JTD	[AR32302]	02.99- 01.01	113943	14	100						
Alfa 145 1.9 TD	[AR33601]	10.94- 02.99	111154	14	65			10.94- 02.99	111685	12	1.4
		10.94- 02.99	111620	14	65						
		10.94-	112688	14	95						
	[AR67501]	10.94- 02.99	111154	14	65			10.94- 02.99	111685	12	1.4
		10.94- 02.99	111620	14	65						
		10.94-	112688	14	95						
Alfa 145 2.0 16V	[AR32301]	03.98- 01.01	113942	14	100						
Alfa 146 1.4 i.e. 16V	[AR33503]	11.96- 01.01	113942	14	100			11.96- 01.01	113430	12	1.8
	[AR38501]	11.96- 01.01	113942	14	100						
Alfa 146 1.6 16V	[AR 32102]	09.97- 12.00	113942	14	100						
Alfa 146 1.6 i.e. 16V	[AR38201]	11.96- 01.01	113942	14	100						
	[AR67601]	11.96- 01.01	113942	14	100						
Alfa 146 1.8 i.e. 16V	[AR38401]	11.96- 01.01	113942	14	100						
	[AR67106]	11.96- 01.01	113942	14	100						
Alfa 146 1.8 Twin Spark i.e. 16V	[AR32201]	03.98- 01.01	113942	14	100						
Alfa 146 1.9 JTD	[AR32302]	02.99-	113943	14	100						
Alfa 146 1.9 TD	[AR33601]	12.94- 02.99	111154	14	65			12.94- 02.99	111685	12	1.4
		12.94- 02.99	111620	14	65						
		12.94- 02.99	111686	14	65						
		12.94-	112688	14	95						



ALFA ROMEO Continued

	[AR67501]	12.94- 02.99	111154	14 65	12.94- 02.99	111685	12 1.4	
		12.94- 02.99	111620	14 65				
		12.94- 02.99	111686	14 65				
		12.94-	112688	14 95				
Alfa 146 2.0 16V	[AR32301]	03.98- 01.01	113942	14 100				
Alfa 146 2.0 Twin Spark 16V	[AR67204]	10.95- 01.01	113942	14 100	10.95- 01.01	111685	12 1.4	
Alfa 147 1.6 Twin Spark 16V	[AR32104]	01.01-	113942	14 100	01.01-	113430	12 1.8	
	[AR37203]	01.01-	113942	14 100	01.01-	113430	12 1.8	
Alfa 147 1.9 JTD 16V	[192A5.000]	11.02-	113943	14 100	11.02-	113931	12 1.7	
	[192B1.000]	10.04-	113943	14 100				
	[937A4.000]	09.03- 09.04	113943	14 100				
Alfa 147 1.9 JTD	[182B9.000]	06.03-	113336	14 120	06.03-	111685	12 1.4	
	[937A2.000]	11.00-	113336	14 120	11.00-	111685	12 1.4	
		04.01-	113943	14 100	04.01-	113931	12 1.7	
Alfa 147 1.9 JTDM 16V	[937A5.000]	07.05-	113943	14 100				
	[939A7.000]	10.04- 03.10	113943	14 100				
Alfa 147 1.9 JTDM 8V	[937A3.000]	07.05-	113943	14 100	07.05-	113931	12 1.7	
Alfa 147 1.9 JTDM	[937A6.000]	06.08-	113943	14 100				
Alfa 147 2.0 Twin Spark 16V	[AR32310]	01.01-	113942	14 100	01.01-	111685	12 1.4	
Alfa 155 1.6 Twin Spark	[AR67601]	05.96- 01.98	113942	14 100	05.96- 01.98	111685	12 1.4	
Alfa 155 1.7 Twin Spark 16V	[AR67106]	05.96- 12.97	113942	14 100	05.96- 12.97	111685	12 1.4	
Alfa 155 1.8 Twin Spark	[AR67402]	02.92- 12.97	113942	14 100	02.92- 12.97	111685	12 1.4	
Alfa 155 1.9 TD	[AR67501]	04.93-	111620	14 65	04.93-	112454	12 2.2	
		04.93- 04.96	112688	14 95				
Alfa 155 2.0 Twin Spark 16V	[AR67299]				03.95- 12.97	111685	12 1.4	
Alfa 156 1.6 16V T-Spark	[AR 32102]	09.97- 09.05	113942	14 100				
Alfa 156 1.6 16V T-Spark Sportwagon	[AR 32102]	09.97- 09.05	113536	14 90	09.97- 09.05	111685	12 1.4	
Alfa 156 1.6 Twin Spark 16V	[AR32102]	05.00-	113536	14 90	05.00-	111685	12 1.4	
		05.00-	113942	14 100	05.00-	113430	12 1.8	
	[AR32103]	05.00-	113536	14 90	05.00-	111685	12 1.4	
		05.00-	113942	14 100	05.00-	113430	12 1.8	
	[AR32104]	05.00-	113536	14 90	05.00-	111685	12 1.4	
		05.00- 05.06	113942	14 100				
	[AR67601]	05.00-	113942	14 100	05.00-	111685	12 1.4	
					09.97- 09.05	113430	12 1.8	
Alfa 156 1.8 Twin Spark 16V	[AR32201]	05.00- 10.00	113942	14 100	05.00- 10.00	111685	12 1.4	
	[AR32205]	10.00- 05.06	113942	14 100	10.00- 05.06	111685	12 1.4	
Alfa 156 1.9 JTD 16V Q4	[937A5.000]	07.04-	113987	14 140				
Alfa 156 1.9 JTD	[AR32302]	05.00- 10.00	113942	14 100	05.00- 10.00	113430	12 1.8	
		05.00- 10.00	113943	14 100	09.97- 10.00	111685	12 1.4	
	[AR37101]	10.00- 05.01	113943	14 100				
Alfa 156 2.0 Twin Spark 16V	[AR32301]	05.00- 10.00	113942	14 100	05.00- 10.00	111685	12 1.4	
	[AR32310]	10.00- 03.02	113942	14 100	10.00- 03.02	113430	12 1.8	
Alfa 156 2.4 JTD	[839A6.000]	10.00- 05.06	113942	14 100	10.00- 05.06	113430	12 1.8	
	[841G.000]	10.03-	113336	14 120	10.03-	111685	12 1.4	
	[AR32501]	05.00- 10.00	113942	14 100	05.00- 10.00	113931	12 1.7	
					09.97- 10.00	111685	12 1.4	
Alfa 159 1.9 JTDM 16V	[937A8.000]	03.06-	113996	14 140	AT 09.05-	114234	12 2.0	
		03.06-	114493	14 100	03.06-	113931	12 1.7	
		09.05-	114204	14 120	03.06-	114298	12 1.1	
					03.06-	116045	12 1.4	
	[939A2.000]	09.05-	113996	14 140	09.05-	113931	12 1.7	
		09.05-	114204	14 120	09.05-	115360	12 1.4	
		09.05-	114493	14 100	09.05-	116045	12 1.4	
	[939A8.000]	09.05-	113996	14 140	09.05-	113430	12 1.8	
		09.05-	114204	14 120	09.05-	113931	12 1.7	
Alfa 159 1.9 JTDM 8V	[937A7.000]	09.05-	113996	14 140	AT 09.05-	113931	12 1.7	
		09.05-	114204	14 120	AT 09.05-	114234	12 2.0	
					03.06-	114298	12 1.1	
	[939A1.000]	09.05-	113955	14 105	09.05-	113430	12 1.8	
		09.05-	114204	14 120	09.05-	115360	12 1.4	
		09.05-	114493	14 100	09.05-	116045	12 1.4	
		09.05-	115429	14 120	03.06-	113931	12 1.7	
		03.06-	113996	14 140				
	[939A7.000]	09.05-	113996	14 140	09.05-	113430	12 1.8	
		09.05-	114204	14 120	09.05-	113931	12 1.7	
Alfa 159 1.9 JTS	[939A6.000]	09.05-	114829	14 120				
Alfa 159 2.0 JTDM	[844A2.000]	05.09-	114493	14 100				
		05.09-	115429	14 120				
	[939B3.000]	05.09-	114493	14 100	05.09-	116045	12 1.4	
		05.09-	115429	14 120				
	[939B4.000]	06.10-	114493	14 100				
		06.10-	115429	14 120				
Alfa 159 2.2 JTS	[939A5.000]	09.05-	114829	14 120				
Alfa 159 2.4 JTDM	[939A3.000]	09.05-	114749	14 150				
Alfa 159 3.2 JTS Q4	[939A.000]	12.05-	114755	14 150				
Alfa 164 2.0 Turbo	[AR06476]	Catalytic converter	10.87- 09.98	112453	14 85	10.87- 09.98	112454	12 2.2
Alfa 164 2.5 TD	[VM84A]					06.87- 09.92	112454	12 2.2
Alfa 166 2.0 Twin Spark	[AR34103]	10.00-	113536	14 90	10.00-	113430	12 1.8	
		09.98- 10.00	113942	14 100				
	[AR36301]	10.00-	113536	14 90	10.00-	113430	12 1.8	
		10.00-	113942	14 100				
Alfa 166 2.0 V6	[AR34102]	10.00-	113536	14 90	10.00-	113430	12 1.8	
Alfa 166 2.4 JTD	[839A6.000]	10.00-	113942	14 100				
	[841M.000]	10.03- 06.07	113336	14 120	10.03- 06.07	111685	12 1.4	
		07.05-	113942	14 100				
	[841N.000]	10.03- 06.07	113336	14 120	10.03- 06.07	111685	12 1.4	
	[936B.000]	07.05-	113942	14 100				
	[AR34202]	09.98- 10.00	113942	14 100				
Alfa 33 1.8 TD	[VM82A]	09.86- 12.89	111686	14 65	09.86- 12.89	112454	12 2.2	
	[VM96A]	01.90- 10.94	111620	14 65	01.90- 10.94	112454	12 2.2	
		07.90- 09.94	112768	14 55				
	[VW82A]	03.88- 12.89	111686	14 65	03.88- 12.89	112454	12 2.2	
Alfa 6 2.5 TD	[VM-HR588HT]	06.83- 02.87	110890	14 55				
Alfa 75 1.6	[AR06100]	05.85- 09.89	111153	14 55				
	[AR61101]	Catalytic converter	05.89- 02.92	111153	14 55			
Alfa 75 1.8	[AR06168]	09.88- 09.89	111153	14 55				
	[AR06202]	06.85- 09.89	111153	14 55				
	[AR61102]	09.88- 09.89	111153	14 55				



Alfa 75 2.0 TD	[VM80A]	05.85- 12.89	110890	14 55			
		05.85- 02.92	111686	14 65			
		01.90- 02.92	112768	14 55			
Alfa 75 2.0	[AR06212]	05.85- 10.88	111153	14 55			
Alfa 75 2.4 TD	[VM81A]	09.88- 12.89	110890	14 55			
		09.88- 02.92	111686	14 65			
		01.90- 02.92	112768	14 55			
Alfa 90 1.8	[AR06202]	10.84- 01.87	111153	14 55			
Alfa 90 2.0 i.e.	[AR0713]	10.84- 01.87	111153	14 55			
	[AR06212]	10.84- 06.86	111153	14 55			
Alfa 90 2.4 TD	[VM81A]	10.84- 01.87	110890	14 55			
Alfetta 1.6	[AR01600]	07.80- 12.84	111153	14 55			
Alfetta 1.8	[AR01678]	07.80- 12.84	111153	14 55			
Alfetta 2.0 TD	[VM4HT/2]	10.79- 03.83	110890	14 55			
		10.79- 03.83	111153	14 55			
Alfetta 2.0	[AR01655]	07.80- 12.84	111153	14 55			
	[AR01713]	04.83- 12.84	111153	14 55			
	[AR10520]	07.80- 12.84	111153	14 55			
Alfetta 2.0 GT	[AR01623]	07.80- 01.86	111153	14 55			
	[AR01655]	06.77- 12.84	111153	14 55			
Alfetta 2.4 TD	[VM4HT2.4]	04.83- 12.84	110890	14 55			
AR 6 1.9 Diesel	[160D100]	04.85- 12.89	110912	14 55			
AR 6 2.4 Diesel	[8144.61.200]	04.85- 02.86	110890	14 55	04.85- 02.86	113846	12 2.2
AR 6 2.4 TD	[8144.21.220]	09.86- 12.89	110890	14 55			
AR 6 2.5 Diesel	[8144.67.220]	04.85- 12.89	110890	14 55			
AR 8 2.4 Diesel	[8140.21.200D.I.]	04.85- 12.89	110882	14 45	04.85- 12.89	110814	12 2.7
		04.85- 12.88	111418	14 60			
		04.85- 12.88	115873	14 55 A49			
	[8140.61.200]	04.78- 12.89	110882	14 45	04.78- 12.89	110814	12 2.7
		04.85- 12.88	110890	14 55			
AR 8 2.4 TD	[8140.21.200D.I.]	04.85- 12.88	110890	14 55			
		04.85- 12.89	111418	14 60			
		04.85- 12.89	115873	14 55 A49			
Arna 1.2	[AR30500]	01.85- 12.86	110890	14 55			
Arna 1.5	[AR30182]	01.85- 12.86	110890	14 55			
Brera 2.0 JTDM	[844A2.000]	03.08-	114493	14 100	03.08-	116045	12 1.4
		03.08-	115429	14 120			
	[939B3.000]	05.09-	114493	14 100	05.09-	115360	12 1.4
		05.09-	115429	14 120			
Brera 2.2 JTS	[939A5.000]	01.06-	114829	14 120			
Brera 3.2 JTS Q4	[939A.000]	01.06-	114755	14 150	01.06-	116045	12 1.4
Giulietta 1.4 TB	[198A4.000]	04.10-	114806	14 120	04.10-	115312	12 1.1
		04.10-	115874	14 120 A49	04.10-	115717	12 1.7
	[940A2.000]	04.10-	114806	14 120	A25 04.10-	115399	12 1.4
		04.10-	115874	14 120 A49	04.10-	115312	12 1.1
	[940B7.000]	04.10-	114806	14 120	04.10-	115312	12 1.1
		04.10-	115874	14 120 A49			
Giulietta 1.6 JTDM	[940A3.000]	04.10-	116094	14 120			
		04.10-	116372	14 150			
		04.10-	116649	14 150			
Giulietta 1.8 TBI	[940A1.000]	04.10-	116649	14 150			
Giulietta 2.0 JTDM	[940A4.000]	04.10-	115932	14 120			
		04.10-	116094	14 120			
		04.10-	116649	14 150			
Giulia 2.1 Diesel	[46335975]	08.18-	116372	14 150			
Giulia 2.1 Diesel Q4	[55268818]	11.16-	116372	14 150			
	[55268818, 55284529]	08.18-	116372	14 150			
Giulia 2.2 Diesel	[55268818]	04.17-	116372	14 150			
Giulia 2.2 JTD	[55266388]	10.15-	116372	14 150			
	[55268532]	10.15-	116372	14 150			
Giulia 2.2 JTD Diesel	[55266388]	10.15-	116372	14 150			
	[55268532]	10.15-	116372	14 150			
Giulietta 1.3	[AR01644]	07.80- 04.85	111153	14 55	07.80- 04.85	115399	12 1.4
Giulietta 1.4 BiFuel	[198A4.000]	12.11-	114806	14 120	12.11-	115312	12 1.1
		12.11-	115874	14 120 A49			
Giulietta 1.4	[198A4.000]	04.11- 02.16	114806	14 120	04.11- 02.16	115717	12 1.7
		04.11- 02.16	115457	14 120 A49			
		04.11- 02.16	115874	14 120 A49			
		04.11- 02.16	116125	14 120			
	[940A2.000]	04.11-	114806	14 120	04.11-	115717	12 1.7
		04.11-	115457	14 120 A49			
		04.11-	115874	14 120 A49			
		04.11-	116125	14 120			
Giulietta 1.4 TB	[940A2.000]	09.14-	114806	14 120	09.14-	115717	12 1.7
		09.14-	115457	14 120			
		09.14-	115874	14 120 A49			
	[940A6.000]	04.10-	114806	14 120	04.10-	115312	12 1.1
		04.10-	115874	14 120 A49	04.10-	115717	12 1.7
	[940B1.000]	04.11-	114806	14 120	04.11-	115312	12 1.1
		04.11-	115874	14 120 A49			
	[940B8.000]	04.11-	114806	14 120	04.11-	115312	12 1.1
		04.11-	115874	14 120 A49			
	[955A8.000]	04.10-	114806	14 120	04.10-	115312	12 1.1
		04.10-	115874	14 120 A49			
Giulietta 1.6 JTDM	[940A3.000]	04.11- 02.16	115429	14 120	04.11- 02.16	115717	12 1.7
		04.11- 02.16	116094	14 120			
		04.11- 02.16	116372	14 150			
		04.11- 02.16	116404	14 150			
		04.11- 02.16	116649	14 150			
	[940C1.000]	02.15-	116094	14 120			
		02.15-	116649	14 150			
	[940C5.000]	02.15-	116094	14 120			
		02.15-	116649	14 150			
		09.15-	116372	14 150			
Giulietta 1.6	[AR01600]	07.80- 04.85	111153	14 55	07.80- 04.85	115399	12 1.4
Giulietta 1.7	[940A1.000]	04.11- 02.16	115429	14 120	04.11- 02.16	115717	12 1.7
		04.11- 02.16	116649	14 150			
		04.11- 02.16	116649	14 150			
Giulietta 1.8	[AR01678]	07.80- 04.85	111153	14 55	07.80- 04.85	115399	12 1.4
Giulietta 1.8 TBI	[940A1.000]	04.10- 09.13	115429	14 120	04.10- 09.13	115717	12 1.7
		04.10- 09.13	116649	14 150			



ALFA ROMEO Continued

Giulietta 1.8 Turbo	[AR01354]	01.84- 12.85	111153	14	55		01.84- 12.85	115312	12	1.1	
Giulietta 1.9 Turbo	[AR01699]	07.83- 06.84	111153	14	55		07.83- 06.84	115312	12	1.1	
Giulietta 2.0 JTDM	[940A4.000]	04.11- 02.16	115932	14	120						
		04.11- 02.16	116094	14	120						
		04.11- 02.16	116404	14	150						
		04.11- 02.16	116649	14	150						
	[940A5.000]	04.10-	115932	14	120						
		04.10-	116094	14	120						
		04.10-	116649	14	150						
		07.13- 02.16	116404	14	150						
	[940A7.000]	04.10-	115932	14	120						
		04.10-	116094	14	120						
		04.10-	116649	14	150						
	[940A8.000]	04.10-	115932	14	120						
		04.10-	116094	14	120						
		04.10-	116372	14	150						
	[940B4.000]	04.10-	116649	14	150						
		11.13-	115932	14	120						
		11.13-	116094	14	120						
	[940B5.000]	11.13-	116649	14	150						
		05.15-	116404	14	150						
		08.13- 02.16	115932	14	120						
		08.13- 02.16	116094	14	120						
		08.13-	116372	14	150						
	[940B6.000]	08.13- 02.16	116404	14	150						
		08.13- 02.16	116649	14	150						
04.10-		115932	14	120							
04.10-		116094	14	120							
04.10-		116372	14	150							
04.10-		116649	14	150							
Giulietta 2.0 TD	[VM4HT]	03.83- 04.85	110890	14	55		03.83- 04.85	113962	12	0.9	
Giulietta 2.0	[AR01655]	06.80- 04.85	111153	14	55		06.80- 04.85	115399	12	1.4	
GT 1.9 JTD	[937A5.000]	11.03-	112461	14	150	Chas. -VET13873	11.03-	111685	12	1.4	
							11.03-	113430	12	1.8	
	[937A6.000]	05.08-	113943	14	100	Chas. -VET13873	05.08-	111685	12	1.4	
							05.08-	113931	12	1.7	
GT 2.0 JTS	[932A2.000]	12.06-	113536	14	90	Chas. -VET13873	12.06-	111685	12	1.4	
GTV 1.8 16V	[AR32201]	05.98-	113942	14	100						
GTV 2.0	[AR01655]	07.80- 01.86	111153	14	55		07.80- 01.86	111685	12	1.4	
	[AR06212]	07.80- 01.86	111153	14	55		07.80- 01.86	111685	12	1.4	
GTV 2.0 16V	[AR32301]	08.00-	113536	14	90		08.00-	111685	12	1.4	
		05.98- 08.00	113942	14	100						
GTV 2.0 Turbo V6	[AR16202]	08.00-	113536	14	90						
GTV 2.0 Twin Spark 16V	[AR16201]	06.95-	113942	14	100						
	[AR32310]	08.00-	113536	14	90	Chas. VET7015327-	08.00-	111685	12	1.4	
Mito 0.9	[199B6.000]	04.13-	115457	14	120		04.13-	115312	12	1.1	
	[312A2.000]	07.11-	115457	14	120		07.11-	115312	12	1.1	
Mito 1.2 JTDM	[199B4.000]	01.11-	115667	14	120	A25	01.11-	115312	12	1.1	
		01.11-	116406	14	90						
	[199B8.000]	12.13-	115667	14	120	A25	12.13-	115312	12	1.1	
		12.13-	116406	14	90						
Mito 1.3 JTDM	[199A3.000]	08.08- 08.10	116406	14	90		09.08-	113962	12	0.9	
		AC 09.08-	113722	14	90	A49					
		AC 09.08-	115963	14	90						
	[199B1.000]	09.09- 12.18	116406	14	90		10.09-	113962	12	0.9	
		10.09-	113722	14	90	A49	A25	10.09-	115312	12	1.1
		10.09-	115852	14	105		10.09-	115400	12	1.4	
		10.09-	115963	14	90						
		AC 10.09-	115346	14	120						
Mito 1.4 BiFuel	[198A4.000]	07.11-	114806	14	120	A25	07.11-	115399	12	1.4	
		07.11-	115874	14	120	A49					
Mito 1.4	[199A6.000]	09.08-	114462	14	70		09.08-	113962	12	0.9	
	[199A8.000]	09.08-	114806	14	120		09.08-	113931	12	1.7	
		09.08-	115874	14	120	A49	09.08-	116024	12	1.1	
	[350A1.000]	03.11-	114462	14	70		03.11-	113962	12	0.9	
		03.11-	115620	14	105		03.11-	115312	12	1.1	
	[955A1.000]	09.08-	114462	14	70		09.08-	113962	12	0.9	
	[955A9.000]	05.11-	114462	14	70		05.11-	113962	12	0.9	
Mito 1.4 TB	[199A8.000]	09.08-	114806	14	120		09.08-	113962	12	0.9	
		09.08-	115874	14	120	A49	09.08-	115312	12	1.1	
Mito 1.4 BiFuel	[198A4.000]	04.16-	114806	14	120		04.16-	115400	12	1.4	
		04.16-	115647	14	90	A25	04.16-	115312	12	1.1	
		04.16-	115874	14	120	A49					
Mito 1.4 TB	[940A2.000]	10.09-	114806	14	120		10.09-	113931	12	1.7	
		10.09-	115874	14	120	A49	10.09-	116024	12	1.1	
	[955A2.000]	10.09-	114806	14	120		10.09-	113931	12	1.7	
		10.09-	115874	14	120	A49	10.09-	116024	12	1.1	
	[955A8.000]	10.09-	114806	14	120		A25	10.09-	115399	12	1.4
		10.09-	115874	14	120	A49	10.09-	115828	12	1.4	
	[955B1.000]	12.13-	114806	14	120		A25	12.13-	115399	12	1.4
		12.13-	115874	14	120	A49					
Mito 1.6 JTDM	[198A2.000]	09.08-	114493	14	100		09.08-	113962	12	0.9	
	[955A3.000]	09.08-	114493	14	100		09.08-	113962	12	0.9	
	[955A4.000]	09.08-	114493	14	100		09.08-	113962	12	0.9	
		09.08-	115429	14	120		09.08-	115400	12	1.4	
Spider 1.6 1600	[AR00526]	07.80- 12.94	111153	14	55		07.80- 12.94	111685	12	1.4	
	[AR01563]	01.90- 12.94	111153	14	55		01.90- 12.94	111685	12	1.4	
Spider 1.8 16V	[AR32201]	05.98- 04.05	113942	14	100						
Spider 2.0 JTDM	[844A2.000]	04.09-	114493	14	100						
		04.09-	115429	14	120						
	[939B3.000]	05.09-	114493	14	100						
		05.09-	115429	14	120						
Spider 2.0 2000	[AR00512]	08.00-	113536	14	90						
	[AR00515]	08.00-	113536	14	90		08.00-	116045	12	1.4	
		07.80- 12.94	111153	14	55		07.80- 12.94	111685	12	1.4	
	[AR01544]	08.00-	113536	14	90		08.00-	116045	12	1.4	
		10.81- 12.89	111153	14	55	Chas. VET7015327-	10.81- 12.89	111685	12	1.4	
	[AR01588]	08.00-	113536	14	90						
Spider 2.0 2000 Veloce	[AR00515]	08.00-	113536	14	90		07.80- 12.89	111685	12	1.4	
		07.80- 12.89	111153	14	55						



Spider 2.0 16V	[AR32301]	05.98- 08.00	113942	14	100			
Spider 2.0 Twin Spark 16V	[AR32310]	06.95- 04.05	113536	14	90	06.95- 04.05	115360	12 1.4
		06.95- 04.05	113942	14	100			
Spider 2.2 JTS	[939A5.000]	09.06-	114829	14	120			
Spider 3.2 JTS Q4	[939A.000]	09.06-	114755	14	150			
Stelvio 2.1 Diesel	[46335692, 55275156]	08.18-	116372	14	150			
	[55284529, 46335692]	08.18-	116372	14	150			
PASSENGER CARS US								
GTV 6 2.5		01.81-	111153	14	55			
Milano 2.5 Gold		01.87- 01.89	111153	14	55			
Milano 2.5 Platinum		01.87- 01.88	111153	14	55			
Milano 2.5 Silver		01.87-	111153	14	55			
Spider 2.0 Graduate		01.85- 01.90	111153	14	55			
Spider 2.0 Quadrifoglio		01.86- 01.90	111153	14	55			
Spider 2.0 Veloce		01.86-	111153	14	55			
Sport 2.0		01.78- 01.79	111153	14	55			
Sprint 2.0 Veloce		01.77- 01.79	111153	14	55			
PASSENGER CARS AO								
Alfa 147 2.0	[937A1.000]	07.02- 05.05	113942	14	100			
Alfa 156 1.9 JTD	[937A5.000]					03.05	113430	12 1.8
Alpina								
PASSENGER CARS EU								
B7 4.4	[N62B44A19]					01.04-	116570	12 1.7
Roadster 4.8 V8	[F5]					06.02-	112553	12 1.7
AM General								
PASSENGER CARS US								
Hummer 6.2		01.92- 01.94	110500	14	100/105			
Hummer 6.2 2 Passenger		01.92- 01.94	110500	14	100/105			
Hummer 6.2 4 Passenger		01.92- 01.93	110500	14	100/105			
Hummer 6.2 4 Passenger Open top		01.92- 01.94	110500	14	100/105			
Hummer 6.2 Open Body Recruit		01.92- 01.93	110500	14	100/105			
Hummer 6.2 Recruit		01.92- 01.94	110500	14	100/105			
American Motors								
PASSENGER CARS US								
Ambassador 3.8		01.70-	110075	14	60			
Ambassador 4.2 DPL		01.71-	110408	14	35			
Ambassador 4.7		01.66- 01.67	110075	14	60			
Ambassador 5.0		01.70-	110075	14	60			
Ambassador 5.0 Brougham		01.71- 01.74	110075	14	60			
		01.71- 01.74	110408	14	35			
Ambassador 5.0 DPL		01.70- 01.71	110075	14	60			
Ambassador 5.0 SST		01.70- 01.72	110075	14	60			
Ambassador 5.4		01.62- 01.66	110075	14	60			
Ambassador 5.9 Brougham		01.71- 01.74	110075	14	60			
		01.71- 01.74	110408	14	35			
Ambassador 6.6 Brougham		01.71- 01.74	110075	14	60			
		01.71- 01.74	110408	14	35			
Ambassador 6.6 DPL		01.71-	110075	14	60			
		01.71-	110408	14	35			
Ambassador 6.6 SST		01.71- 01.72	110075	14	60			
		01.71- 01.72	110408	14	35			
American 3.2		01.62- 01.66	110075	14	60			
		01.61-	110505	14	75			
AMX 4.2		01.78- 01.79	110505	14	75	01.78- 01.79	110231	12
AMX 5.0		01.78- 01.79	110237	14	60	01.78- 01.79	110231	12
		01.72- 01.74	110408	14	35			
AMX 5.9		01.71- 01.74	110408	14	35			
AMX 6.6		01.71- 01.74	110408	14	35			
Classic 3.2		01.63- 01.64	110075	14	60			
		01.61- 01.62	110505	14	75			
Classic 3.3		01.65- 01.66	110075	14	60			
Concord 2.5		01.80- 01.82	110505	14	75	01.80- 01.82	110231	12
Concord 2.5 DL		01.80- 01.82	110505	14	75	01.80- 01.82	110231	12
Concord 2.5 Limited		01.80- 01.82	110505	14	75	01.80- 01.82	110231	12
Concord 3.8		01.78- 01.79	110505	14	75	01.78- 01.79	110414	12
Concord 4.2		01.78- 01.79	110505	14	75	01.78- 01.79	110414	12
						01.78- 01.83	110231	12
Concord 4.2 DL		01.80- 01.83	110505	14	75	01.80- 01.83	110231	12
Concord 4.2 Limited		01.80- 01.83	110505	14	75	01.80- 01.83	110231	12
Concord 5.0		01.78- 01.79	110237	14	60	01.78- 01.79	110414	12
Eagle 2.5		01.81- 01.83	110505	14	75	01.81- 01.83	110414	12
		01.83- 01.84	110508	14	78			
		01.83- 01.84	110471	14	94			
Eagle 2.5 DL SX4		01.83-	110505	14	75			
		01.83-	110508	14	78			
		01.83-	110471	14	94			
Eagle 2.5 DL-50		01.81-	110505	14	75	01.81-	110414	12
Eagle 2.5 DL-50 Kammback		01.82-	110505	14	75			
Eagle 2.5 DL-50 SX4		01.81- 01.82	110505	14	75	01.81- 01.82	110414	12
Eagle 2.5 Kammback		01.82-	110505	14	75			
Eagle 2.5 Limited		01.81- 01.83	110505	14	75	01.81- 01.83	110231	12
		01.83- 01.84	110508	14	78			
		01.83- 01.84	110471	14	94			
Eagle 2.5 SX4		01.81- 01.83	110505	14	75	01.81- 01.83	110231	12
		01.83-	110508	14	78			
		01.83-	110471	14	94			
Eagle 4.2		01.80- 01.88	110505	14	75	01.80- 01.88	110414	12
Eagle 4.2 DL SX4		01.83-	110233	14	63	01.83-	110414	12
		01.83-	110505	14	75			
		01.83-	110508	14	78			
		01.83-	110471	14	94			
Eagle 4.2 DL-50		01.81-	110505	14	75	01.81-	110414	12
Eagle 4.2 DL-50 Kammback		01.82-	110505	14	75			
Eagle 4.2 DL-50 SX4		01.81- 01.82	110505	14	75	01.81- 01.82	110414	12
Eagle 4.2 Kammback		01.82-	110505	14	75			
Eagle 4.2 Limited		01.80- 01.87	110505	14	75	01.80- 01.87	110414	12
Eagle 4.2 SX4		01.81- 01.83	110505	14	75			
Gremlin 3.8 Custom		01.76- 01.78	110505	14	75			
Gremlin 4.2		01.76- 01.78	110505	14	75			
		01.71- 01.78	110408	14	35			


AMERICAN MOTORS *Continued*

Gremlin 4.2 Custom		01.76- 01.78	110505	14	75					
Gremlin 5.0		01.72- 01.75	110408	14	35					
Gremlin 5.0 Custom		01.76-	110237	14	60					
Hornet 3.8 Sportabout		01.71- 01.77	110408	14	35					
Hornet 4.2		01.76- 01.77	110505	14	75					
		01.71- 01.77	110408	14	35					
Hornet 4.2 Sportabout		01.76- 01.77	110505	14	75					
		01.71- 01.77	110408	14	35					
Hornet 4.2 SST		01.71- 01.72	110408	14	35					
Hornet 5.0 Sportabout		01.71- 01.77	110408	14	35					
Hornet 5.9		01.71- 01.74	110408	14	35					
Hornet 5.9 Sportabout		01.72- 01.74	110408	14	35					
Hornet 5.9 SST		01.71- 01.72	110408	14	35					
Javelin 4.2		01.71- 01.74	110408	14	35					
Javelin 4.2 SST		01.71- 01.72	110408	14	35					
Javelin 6.6		01.71- 01.74	110408	14	35					
Javelin 6.6 SST		01.71- 01.72	110408	14	35					
Matador 3.8		01.71- 01.74	110408	14	35					
Matador 3.8 Brougham		01.74-	110408	14	35					
Matador 4.2		01.71- 01.78	110408	14	35					
Matador 4.2 Brougham		01.74-	110408	14	35					
Matador 5.0		01.71- 01.77	110408	14	35					
Matador 5.0 Brougham		01.74-	110408	14	35					
Matador 5.0 X		01.74-	110408	14	35					
Matador 5.9		01.76- 01.78	110237	14	60					
		01.71- 01.75	110408	14	35					
Matador 5.9 Brougham		01.74-	110408	14	35					
Matador 5.9 X		01.74-	110408	14	35					
Matador 6.6		01.71- 01.76	110408	14	35					
Matador 6.6 Brougham		01.74-	110408	14	35					
Matador 6.6 X		01.74-	110408	14	35					
Pacer 3.8		01.75- 01.78	110408	14	35					
Pacer 4.2		01.76- 01.79	110505	14	75	01.76- 01.79	110231	12		
		01.75- 01.79	110408	14	35					
Pacer 4.2 DL		01.80-	110505	14	75	01.80-	110231	12		
Pacer 4.2 Limited		01.80-	110505	14	75					
Pacer 5.0		01.78- 01.79	110237	14	60	01.78- 01.79	110231	12		
Spirit 2.5		01.80- 01.82	110505	14	75	01.80- 01.82	110231	12		
Spirit 2.5 DL		01.80- 01.82	110505	14	75	01.80- 01.82	110231	12		
Spirit 2.5 Limited		01.80-	110505	14	75	01.80-	110231	12		
Spirit 3.8		01.79-	110505	14	75	01.79-	110414	12		
Spirit 4.2		01.79-	110505	14	75	01.79-	110414	12		
						01.79- 01.82	110231	12		
Spirit 4.2 DL		01.80- 01.83	110505	14	75	01.80- 01.83	110231	12		
Spirit 4.2 GT		01.83-	110233	14	63	01.83-	110414	12		
		01.83-	110505	14	75					
		01.83-	110508	14	78					
		01.83-	110471	14	94					
Spirit 4.2 Limited		01.80-	110505	14	75	01.80-	110231	12		
Various Models						01.80-	110414	12		
						01.68- 01.70	112897	12	1.7	
Arctic Cat										
MOTOR BIKES										
Arctic Cat 700 0.7	[Lombadini]		114411	14	40					
Arona										
MARINE										
AD 295 M						115344	12	2.3		
						116685	12	2.3		
AD 395 M						115344	12	2.3		
						116685	12	2.3		
AD 4100 M						115344	12	2.3		
						116685	12	2.3		
AD 495 M						115344	12	2.3		
						116685	12	2.3		
AD 952 PM						115344	12	2.3		
						116685	12	2.3		
AD 953 PM						115344	12	2.3		
						116685	12	2.3		
AD 954 PM						115344	12	2.3		
						116685	12	2.3		
Various Models	[AD...]	09.82- 12.88	111662	14	33	02.78-	112034	12	1.7	
		02.78-	116131	14	33	A49	02.78- 12.88	113268	12	1.6
						02.78-	115344	12	2.3	
						02.78-	116685	12	2.3	
						09.82- 12.88	112172	12	1.6	
Asia Motors										
PASSENGER CARS EU										
Rocsta 2.2 Diesel 4x4	[R2]					06.93-	110389	12	2.0	
Astra										
INDUSTRY										
BM20M Dumper		01.77- 12.85	112097	28	30					
BM25 Dumper		01.78- 01.82	112097	28	30					
BM304 Dumper		01.82- 01.89	112097	28	30					
MR Dumper		01.77- 12.85	112097	28	30					
Atlas Copco										
INDUSTRY										
6.7T-276-41B-1000 Air Compressors	[QSB6.7]		116317	28	70		114326	24	7.5	
CA2500D/PD Rollers	[QSB4.5]		116317	28	70					
CA251 Rollers	[6BT5.9]		111843	14	95					
CA262 Rollers	[6BT5.9]		111843	14	95					
CA2800D Rollers	[QSB4.5]		116317	28	70					
CA301 Rollers	[6BT5.9]		111843	14	95					
CA3500D/DCO/PD & CA4000DCO	[QSB4.5]		116317	28	70					
CA362 Rollers	[6BT5.9]		111843	14	95					
CA4000D & CA4000PD Rollers	[QSB4.5]		116317	28	70					
CA510D/PD & CA610D/PD Rollers	[QSB6.7]		116317	28	70		114326	24	7.5	
CA511 Rollers	[BF6L913]		112098	14	65		113467	12	3.7	
CA512 Rollers	[6BTA5.9]		111843	14	95					
CA551 Rollers	[BF6L913]		112098	14	65		113467	12	3.7	
CA602 Rollers	[6BTA5.9]		111843	14	95					



CA610D/PD Rollers	[6BTA5.9]	111843	14	95			
CA702D/PD Rollers	[QSB6.7]	116317	28	70	114326	24	7.5
CC102 Rollers	[F2L1011]	112183	14	60	112041	12	2.2
		112548	14	60	114320	12	3.0
		114077	28	40	116128	12	3.2
		113921	14	40	113893	12	1.2
CC1100 (PLUS) & CC1100C (PLUS)	[D1703-M]	113921	14	40	113893	12	1.2
CC1200 (PLUS) CC1200C (PLUS) & CC1250 Rollers	[D1703-M]	113921	14	40	113893	12	1.2
CC122 Rollers	[F2L1011]	112183	14	60	112041	12	2.2
		112548	14	60	114320	12	3.0
		114077	28	40	116128	12	3.2
		113921	14	40	110720	12	1.4
CC1300 (PLUS) Rollers	[V2203-M]	113921	14	40	111197	12	2.0
CC1300C (PLUS) Rollers	[V2203-M]	113921	14	40	110720	12	1.4
		113921	14	40	111197	12	2.0
		112183	14	60	112041	12	2.2
		112548	14	60	114320	12	3.0
CC132 Rollers	[F2L1011]	114077	28	40	116128	12	3.2
		112183	14	60	112041	12	2.2
		113991	14	80			
CC142 Rollers	[F3L1011]	114077	28	40			
		112183	14	60	112041	12	2.2
		113991	14	80			
		114077	28	40			
CC4200 CC4200C CC5200 & CC5200C Rollers	[QSB4.5]	116317	28	70			
CC421 Rollers	[6BTA5.9]	111843	14	95			
CC424HF Rollers	[QSB6.7]	116317	28	70	114326	24	7.5
CC524HF Rollers	[QSB4.5]	116317	28	70			
CC6200 Rollers	[QSB4.5]	116317	28	70			
CC624HF Rollers	[QSB4.5]	116317	28	70			
CC7200 Rollers	[QSB6.7]	116317	28	70	114326	24	7.5
CC950 Rollers	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
CM13 Plate Compactors	[GX160]				113671	12	
CT3000 Rollers	[QSB6.7]	116317	28	70	114326	24	7.5
DC SERIES Underground Mining Equipm [BF4M1012E B]		116018	28	55	112494	24	4.0
					112071	12	3.0
DF145C Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
DF145CS Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
DF145P Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
F141CR Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
F161-W SERIES Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
F181C Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
F182CS Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
F2500C Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
F2500CS Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
F3030C Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
FLEX SCREED Finishing Equipment	[GX120]				113671	12	
G 902 B Finishing Equipment	[GX160]				113671	12	
G 903 B Finishing Equipment	[GX120]				113671	12	
G3000 H Generator Sets	[GX160]				113671	12	
G7000 H Generator Sets	[GX390]				113671	12	
GS 210 Welders	[GX390]				113671	12	
IRMAIR 3 Air Compressors	[F2L1011]	112183	14	60	112041	12	2.2
		112548	14	60	114320	12	3.0
		114077	28	40	116128	12	3.2
		113991	14	80	112041	12	2.2
IRMAIR 4 Air Compressors	[F3L1011]	114077	28	40			
KMR11 Tampers/Rammers	[GX160]				113671	12	
LF10A Plate Compactors	[GX120]				113671	12	
LF140 Plate Compactors	[GX160]				113671	12	
LF15A Plate Compactors	[GX120]				113671	12	
LF30A Plate Compactors	[GX120]				113671	12	
LF3816 Plate Compactors	[GX120]				113671	12	
	[GX160]				113671	12	
LF3820 Plate Compactors	[GX120]				113671	12	
	[GX160]				113671	12	
LF60 Plate Compactors	[GX120]				113671	12	
LF62 Plate Compactors	[GX120]				113671	12	
LF70 Plate Compactors	[GX120]				113671	12	
LF72 Plate Compactors	[GX120]				113671	12	
	[GX160]				113671	12	
LF75A Plate Compactors	[GX120]				113671	12	
LF90 Plate Compactors	[GX120]				113671	12	
LF90A Plate Compactors	[GX160]				113671	12	
LF95A Plate Compactors	[GX120]				113671	12	
LG140 Plate Compactors	[GX160]				113671	12	
LG160 Plate Compactors	[GX160]				113671	12	
LG200 Plate Compactors	[GX160]				113671	12	
	[GX200]				113671	12	
LG250 Plate Compactors	[GX200]				113671	12	
LT62H Tampers/Rammers	[GX120]				113671	12	
LX90 Tampers/Rammers	[GX160]				113671	12	
MF250 MF250	[6BTA5.9]	111843	14	95			
MINICRUSHER Crushing and Processing [F3L1011]		112183	14	60	112041	12	2.2
		113991	14	80			
		114077	28	40			
MS68 Tampers/Rammers	[GX120]				113671	12	
PL350S PL350S	[B3.3-65 ELITE]				112344	12	2.5
QAS 150 JD Generator Sets	[6068T]	113986	14	120	115357	12	4.2
					116535	12	3.0
QAS 40 50HZ Generator Sets	[V3800DI-T-E]	113600	14	90	113727	12	2.7
QAS 40 60HZ Generator Sets	[V3800DI-T-E]	113600	14	90	113727	12	2.7
QI545 Generator Sets	[V3800DI-T-E]	113600	14	90	113727	12	2.7
ROC 512 Bore/Drill Rigs	[BF4L913]	113470	28	35	110512	24	5.4
ROC 612 Bore/Drill Rigs	[BF4L913]	113470	28	35	110512	24	5.4
ROC 642 Bore/Drill Rigs	[BF4L913]	113470	28	35	110512	24	5.4
ROC 642HC Bore/Drill Rigs	[BF4L913]	113470	28	35	110512	24	5.4
ROC 722 Bore/Drill Rigs	[BF6L913]	112098	14	65	113467	12	3.7
ROC 742 Bore/Drill Rigs	[BF6L913]	112098	14	65	113467	12	3.7



ATLAS COPCO Continued

ROC 812 Bore/Drill Rigs	[BF6L913C]	112098	14	65			113467	12	3.7
ROC 830 Bore/Drill Rigs	[BF6L913C]	112098	14	65			113467	12	3.7
ROC 848 Bore/Drill Rigs	[BF6L913]	112098	14	65			113467	12	3.7
ROC 848HC Bore/Drill Rigs	[BF6L913]	112098	14	65			113467	12	3.7
ROC D3 Bore/Drill Rigs	[QS84.5]	116317	28	70					
S1701-75L Air Compressors	[BF6L913]	112098	14	65			113467	12	3.7
SCOOPTRAM ST7 Underground Mining	[QS86.7]	116317	28	70			114326	24	7.5
SCOOPTRAM ST7LP Underground Mining Equipm	[QS86.7]	116317	28	70			114326	24	7.5
SD2550C Pavers	[QS86.7]	116317	28	70			114326	24	7.5
SURFACE VIBRATR Finishing Equipment	[GX120]						113671	12	
XA SERIES Air Compressors	[F2L1011]	112183	14	60			112041	12	2.2
		112548	14	60			114320	12	3.0
		114077	28	40					
	[F3L1011]	112183	14	60			112041	12	2.2
		113991	14	80			116128	12	3.2
		114077	28	40					
XAHS 237 Air Compressors	[6BTA5.9]	111843	14	95					
XAHS175/XAHS230 Air Compressors	[BF6L913]	112098	14	65			113467	12	3.7
XAMS 287 Air Compressors	[6BTA5.9]	111843	14	95					
XAS 150 JD Air Compressors	[4045T]	112062	14	115			114275	12	4.0
		113707	14	200					
		114379	14	150					
		114681	14	90					
		116623	14	200					
XAS 175 JD Air Compressors	[4045T]	112062	14	115			114275	12	4.0
		113707	14	200					
		114379	14	150					
		114681	14	90					
		116623	14	200					
XA5146/XAHS106 Air Compressors	[BF4M1012E B]	116018	28	55			112494	24	4.0
							112071	12	3.0
MISCELLANEOUS									
PR 425 8.5	[F6L413]	04.80- 12.86	110766	28	27				
ST 35 2.8	[F3L912]					01.73- 12.86	110536	12	2.7
						01.73- 12.86	116139	12	3.0 A49
						01.73- 12.86	116312	12	2.7 BO
ST 48 3.8	[F4L912]					02.73- 12.86	110536	12	2.7
						02.73- 12.86	116139	12	3.0 A49
						02.73- 12.86	116312	12	2.7 BO
ST 71 5.6	[F6L912]					02.73- 12.86	113467	12	3.7
ST 95 5.6	[BF6L912]					03.73- 12.86	113467	12	3.7
STS 35 2.8	[F3L912]					02.73- 12.86	110536	12	2.7
						02.73- 12.86	116139	12	3.0 A49
						02.73- 12.86	116312	12	2.7 BO
STS 48 3.8	[F4L912]					02.73- 12.86	110536	12	2.7
						02.73- 12.86	116139	12	3.0 A49
						02.73- 12.86	116312	12	2.7 BO
STS 71 5.6	[F6L912]					02.73- 12.86	113467	12	3.7
STS 95 5.6	[BF6L912]					02.73- 12.86	113467	12	3.7
US 85 1.9	[F2L912]					02.72- 12.86	114181	12	1.9
Various Models						01.75-	110615	12	2.8
						08.74- 12.84	111004	12	2.4
						08.78- 12.84	110536	12	2.7
						01.75-	111737	12	2.8
							113269	12	3.0
						08.69- 12.79	113467	12	3.7
						01.95-	113478	12	2.5
							115347	24	7.5
							116379	12	3.2
							116312	12	2.7 BO
							116139	12	3.0 A49
			110801	28	45		110460	12	2.8
Audi									
PASSENGER CARS EU									
50 1.1	[HB]	08.74- 07.78	110360	14	45				
	[HC]	08.74- 07.77	110360	14	45				
50 1.3	[HH]	08.77- 08.78	110360	14	45				
80 1.3	[EP]	08.81- 07.83	111139	14	75	08.83- 07.85	111010	12	1.4
		08.81- 07.83	111653	14	45	08.81- 07.83	112321	12	1.1
		08.83- 07.85	110919	14	65				
	[FY]	09.78- 07.81	110913	14	70	AT 09.78- 07.81	110865	12	0.95
		01.80- 07.81	110360	14	45				
	[FZ]	09.78- 07.81	110360	14	45	AT 09.78- 07.81	110865	12	0.95
		09.78- 07.81	110913	14	70				
80 1.4	[SE]	08.87- 08.91	112149	14	65	08.87- 08.91	112321	12	1.1
80 1.6 Diesel	[JK]	08.85- 08.86	111094	14	65	08.85- 08.86	111010	12	1.4
		09.86- 08.91	112729	14	90				
80 1.6 TD	[CY]	08.81- 07.84	111653	14	45	08.81- 07.84	112321	12	1.1
		08.85- 05.86	111094	14	65	08.85- 05.86	111010	12	1.4
	AC	08.81- 07.84	111139	14	75				
	[RA]	09.86- 08.91	111094	14	65	09.86- 08.91	111010	12	1.4
		09.86- 08.91	112729	14	90				
	[SB]	09.86- 08.91	111094	14	65	09.86- 08.91	111010	12	1.4
		AC 09.86- 08.91	112729	14	90				
80 1.6	[ABB]	08.90- 10.91	111094	14	65	08.90- 10.91	111010	12	1.4
	[ABM]	09.91- 01.92	112149	14	65				
	[DT]	08.83- 07.85	110919	14	65	08.83- 07.85	111010	12	1.4
		08.85- 07.86	112149	14	65	08.85- 07.86	112309	12	1.4
	[PP]	08.87- 09.91	112149	14	65	08.87- 09.91	111694	12	1.8
	[RN]	09.86- 08.91	112149	14	65	09.86- 08.91	112309	12	1.4
	[SA]	02.86- 07.86	112149	14	65	02.86- 07.86	112321	12	1.1
	[WV]	08.80- 07.83	111653	14	45	08.80- 07.83	112321	12	1.1
	[YN]	08.78- 07.80	110911	14	55	08.78- 07.80	110865	12	0.95
		08.80- 07.83	111653	14	45	08.80- 07.83	112321	12	1.1
	AC	08.78- 07.80	111139	14	75				
	[YP]	08.78- 07.80	110911	14	55	08.78- 07.80	110865	12	0.95
		08.80- 02.83	111653	14	45	08.80- 02.83	112321	12	1.1
	AC	08.78- 07.80	111139	14	75				
	[YT]	09.78- 07.79	110911	14	55	09.78- 07.79	110865	12	0.95



80 1.6 GLE	[YY]	09.78- 07.79	110911	14 55	09.78- 07.79	110865	12 0.95
	[YZ]	01.79- 07.80	110911	14 55	01.79- 07.80	110865	12 0.95
		AC 01.79- 07.80	111139	14 75	01.79- 07.80	112321	12 1.1
80 1.6 GTE	[YS]	01.76- 07.76	111139	14 75	01.76- 07.76	111010	12 1.4
80 1.8	[JN]	08.83- 07.85	110919	14 65	AT 08.83- 07.85	110865	12 0.95
		08.85- 08.86	112149	14 65	08.85- 08.86	112321	12 1.1
	[JV]	01.83- 08.86	110919	14 65	01.83- 08.86	110865	12 0.95
		01.83- 08.86	112149	14 65	01.83- 08.86	112321	12 1.1
	[RU]	10.86- 01.90	112149	14 65	10.86- 01.90	112309	12 1.4
	[SD]	09.87-	112149	14 65	09.87-	111694	12 1.8
	[SF]	02.86- 07.86	112149	14 65	02.86- 07.86	112309	12 1.4
80 1.8 Quattro	[JN]	08.85- 07.88	112149	14 65			
	[JV]	08.84- 08.86	110919	14 65	08.84- 08.86	110865	12 0.95
		08.84- 08.86	112149	14 65	08.84- 08.86	112321	12 1.1
	[SD]	09.86- 10.91	112149	14 65	09.86- 10.91	111694	12 1.8
	[SF]	09.86- 07.90	112149	14 65	09.86- 07.90	111694	12 1.8
80 1.8 E	[DZ]	06.86- 08.91	112149	14 65	06.86- 08.91	111694	12 1.8
80 1.8 E Quattro	[DZ]	09.86- 08.91	112149	14 65	09.86- 08.91	112321	12 1.1
80 1.8 GTE	[DZ]	10.84- 07.85	110919	14 65	10.84- 07.85	111010	12 1.4
		08.85- 08.86	112149	14 65	08.85- 08.86	112309	12 1.4
	[PV]	03.85- 08.86	112149	14 65			
80 1.8 GTE Quattro	[DZ]	08.84- 07.85	110919	14 65	08.84- 07.85	111010	12 1.4
		08.85- 08.86	112149	14 65	08.85- 08.86	112309	12 1.4
	[PV]	03.85- 08.86	112149	14 65			
80 1.8 S	[JN]	09.86- 10.91	112149	14 65	09.86- 10.91	111694	12 1.8
	[NE]	09.86- 10.91	112149	14 65	09.86- 10.91	111694	12 1.8
	[PM]	09.86- 10.91	112149	14 65	09.86- 10.91	112309	12 1.4
	[SF]	09.86- 08.91	112149	14 65	09.86- 08.91	112309	12 1.4
80 1.8 S Quattro	[JN]	09.86- 09.91	112149	14 65	09.86- 09.91	111694	12 1.8
	[NE]	09.86- 07.88	112149	14 65	09.86- 07.88	111694	12 1.8
	[PM]	08.90- 09.91	112149	14 65	08.90- 09.91	111694	12 1.8
80 1.9 Diesel	[1Y]	08.89- 08.91	111094	14 65	08.89- 08.91	111010	12 1.4
		08.89- 08.91	112729	14 90			
80 1.9 TD	[AAZ]	09.91- 01.96	111676	14 90	09.91- 01.96	112321	12 1.1
80 1.9 TDi	[1Z]	09.91- 01.96	111676	14 90	09.91- 01.96	112321	12 1.1
80 1.9	[WN]	09.81- 07.83	111139	14 75	09.81- 07.83	111010	12 1.4
80 2.0	[ABK]	09.91- 07.92	111154	14 65	09.91- 07.92	112321	12 1.1
		09.91- 07.92	112149	14 65			
	[ABT]	09.91- 07.92	112149	14 65			
	[HP]	10.83- 09.84	110919	14 65	10.83- 09.84	110865	12 0.95
	[JS]	10.83- 09.84	110919	14 65	AT 10.83- 09.84	110865	12 0.95
	[AAD]	10.90- 08.91	112149	14 65			
80 2.0 Quattro	[3A]	10.90- 08.91	112149	14 65	10.90- 08.91	112321	12 1.1
	[ABK]	09.91- 10.91	112149	14 65			
	[JS]	08.83- 07.84	110919	14 65	08.83- 07.84	110865	12 0.95
	[AAD]	10.90- 08.91	112149	14 65			
80 2.0 E	[3A]	10.90- 09.91	112149	14 65	10.90- 09.91	111694	12 1.8
80 2.0 E Quattro	[3A]	08.88- 09.90	112149	14 65			
80 2.2	[WE]	10.80- 07.81	110911	14 55	10.80- 07.81	110865	12 0.95
		10.80- 07.81	111139	14 75	10.80- 07.81	111010	12 1.4
80 2.3	[NG]	09.91- 12.94	112750	14 90			
80 2.3 Quattro	[NG]	09.91- 11.94	112750	14 90			
80 2.6	[ABC]	07.92- 01.96	112806	14 120			
80 2.6 Quattro	[ABC]	06.92- 12.94	112806	14 120			
80 2.8	[AAH]	09.91- 01.96	112806	14 120			
80 2.8 Quattro	[AAH]	09.91- 12.94	112806	14 120			
90 1.6 TD	[CY]	08.85- 01.87	111094	14 65	08.85- 01.87	111010	12 1.4
		08.85- 01.87	112729	14 90			
	[RA]	04.87- 03.90	111094	14 65	04.87- 03.90	111010	12 1.4
		04.87- 03.90	112729	14 90			
	[SB]	04.89- 09.91	111094	14 65	04.89- 09.91	111010	12 1.4
		04.89- 09.91	112729	14 90			
90 2.0	[HP]	10.84- 03.87	110919	14 65	10.84- 03.87	111010	12 1.4
	[JS]	10.84- 03.87	110919	14 65	AT 10.84- 03.87	110865	12 0.95
90 2.0 20V	[NM]	08.89- 07.91	112750	14 90	08.89- 07.91	111010	12 1.4
90 2.0 20V Quattro	[NM]	08.88- 09.91	112750	14 90	08.88- 09.91	111010	12 1.4
90 2.2	[HY]	10.84- 03.87	110919	14 65	10.84- 03.87	111010	12 1.4
	[KV]	10.84- 03.87	110919	14 65	10.84- 03.87	111010	12 1.4
	[KX]	01.85- 03.87	110919	14 65	01.85- 03.87	111010	12 1.4
90 2.2 E	[KV]	05.87- 07.91	112750	14 90	05.87- 07.91	111010	12 1.4
90 2.2 E Quattro	[KV]	11.84- 03.87	110919	14 65	11.84- 03.87	111010	12 1.4
		05.87- 09.91	112750	14 90			
90 2.3 E 20V	[7A]	08.88- 07.91	112750	14 90	08.88- 07.91	111694	12 1.8
					04.90- 07.91	111010	12 1.4
90 2.3 E 20V Quattro	[7A]	06.88- 09.91	112750	14 90	06.88- 09.91	111010	12 1.4
					04.90- 09.91	111694	12 1.8
90 2.3 E	[NG]	04.87- 07.91	112750	14 90	04.87- 07.91	111010	12 1.4
90 2.3 E Quattro	[NG]	04.87- 07.91	112750	14 90	04.87- 07.91	111010	12 1.4
					04.90- 09.91	112172	12 1.6
100 1.6	[YV]	08.76- 07.82	111653	14 45	08.76- 07.82	111010	12 1.4
		07.77- 02.83	110911	14 55	07.77- 02.83	110865	12 0.95
100 1.8	[4B]	01.88- 11.90	112149	14 65	01.88- 11.90	111010	12 1.4
	[DR]	08.82- 12.87	112149	14 65	08.82- 12.87	111010	12 1.4
		06.83- 10.86	110919	14 65	06.83- 10.86	110865	12 0.95
	[DS]	05.83- 07.89	110919	14 65	05.83- 07.89	110865	12 0.95
		08.83- 07.89	112149	14 65	08.83- 07.89	111010	12 1.4
	[JW]	03.83- 07.89	110919	14 65	03.83- 07.89	110865	12 0.95
	[NP]	08.83- 07.89	112149	14 65	08.83- 07.89	111010	12 1.4
		04.85- 07.89	110919	14 65	04.85- 07.89	111112	12 2.0
	[PH]	08.83- 07.89	112149	14 65	08.83- 07.89	111010	12 1.4
		04.85- 01.88	110919	14 65	04.85- 01.88	111112	12 2.0
					04.85- 12.87	110865	12 0.95
	[RS]	11.86- 08.87	112149	14 65	11.86- 08.87	111010	12 1.4
	[SH]	02.86- 07.88	112149	14 65	02.86- 07.88	111010	12 1.4
100 1.8 Quattro	[4B]	01.88- 11.90	112149	14 65	01.88- 11.90	111010	12 1.4
	[JW]	08.83- 07.89	112149	14 65	08.83- 07.89	111010	12 1.4
		04.85- 12.87	110919	14 65	04.85- 12.87	110865	12 0.95
	[NP]	08.85- 12.90	110919	14 65	08.85- 07.88	110865	12 0.95
		01.88- 11.90	112149	14 65	08.85- 12.90	111112	12 2.0
					01.88- 11.90	111010	12 1.4



AUDI Continued

	[PH]	04.85- 01.88	110919	14	65	04.85- 01.88	111112	12	2.0
		08.88- 12.90	112149	14	65	08.88- 12.90	111010	12	1.4
	[SH]	08.86- 07.90	112149	14	65	08.86- 07.90	111010	12	1.4
100 1.8		11.68- 12.71	110975	14	65	11.68- 12.71	111112	12	2.0
		11.68- 12.71	111653	14	45	11.68- 12.71	111010	12	1.4
100 1.9	[WH]	08.80- 07.81	110911	14	55	08.80- 07.81	110865	12	0.95
		08.80- 07.81	111139	14	75	08.80- 07.81	111010	12	1.4
		06.83- 07.84	110919	14	65				
100 2.0 Diesel	[CN]	08.78- 02.83	111094	14	65	08.78- 02.83	111010	12	1.4
		08.78- 02.83	111139	14	75				
		08.84- 07.89	112729	14	90				
		08.85- 07.88	112149	14	65				
100 2.0 TD	[DE]	08.82- 02.88	112729	14	90	08.82- 02.88	111010	12	1.4
		08.85- 02.88	111094	14	65				
	[NC]	03.88- 11.90	111094	14	65	03.88- 11.90	111010	12	1.4
		03.88- 11.90	112729	14	90				
100 2.0	[WA]	06.76- 08.78	110911	14	55	06.76- 08.78	110865	12	0.95
	[AAD]	12.90- 07.91	112149	14	65	12.90- 07.91	111010	12	1.4
	[AAE]	12.90- 06.94	112149	14	65	12.90- 06.94	111010	12	1.4
100 2.0 Quattro	[AAD]					08.91- 07.92	112321	12	1.1
100 2.0 E 16V	[ACE]					07.92- 06.94	112321	12	1.1
100 2.1	[WE]	10.77- 07.81	110911	14	55	10.77- 07.81	110865	12	0.95
		10.77- 07.81	111139	14	75	10.77- 07.81	111010	12	1.4
	[WG]	03.77- 07.81	110911	14	55	03.77- 07.81	110865	12	0.95
		03.77- 07.81	111139	14	75	03.77- 07.81	111010	12	1.4
100 2.2	[WB]	07.77- 07.81	110911	14	55	07.77- 07.81	110865	12	0.95
		AC 07.77- 07.82	111139	14	75	07.77- 07.82	111010	12	1.4
	[WC]	07.77- 07.81	110911	14	55	07.77- 07.81	110865	12	0.95
		07.77- 07.81	111139	14	75	07.77- 07.81	111010	12	1.4
	[WE]	07.77- 07.81	110911	14	55	07.77- 07.81	110865	12	0.95
		07.77- 07.82	111139	14	75	07.77- 07.82	111010	12	1.4
	[WG]	07.77- 07.80	110911	14	55	07.77- 07.80	110865	12	0.95
		07.77- 07.80	111139	14	75	07.77- 07.80	111010	12	1.4
100 2.2 E Turbo Quattro	[MC]	01.89- 11.90	112750	14	90	01.89- 11.90	112537	12	2.2
100 2.2 Turbo	[MC]	01.89- 11.90	112750	14	90	01.89- 11.90	111010	12	1.4
						01.89- 11.90	112537	12	2.2
100 2.2 Turbo Quattro	[MC]	08.86- 01.89	112750	14	90	08.86- 01.89	112537	12	2.2
100 2.3	[NF]	07.87- 11.90	112750	14	90	07.87- 11.90	112537	12	2.2
		12.90- 06.94	112806	14	120	03.90- 11.90	111010	12	1.4
	[AAR]	12.90- 06.94	112750	14	90	12.90- 06.94	112537	12	2.2
		08.91- 06.94	112806	14	120				
						09.91- 06.94	112321	12	1.1
100 2.3 Quattro	[NF]	01.90- 11.90	112750	14	90	01.90- 11.90	112537	12	2.2
	[AAR]	12.90- 06.94	112750	14	90	12.90- 06.94	112537	12	2.2
		12.90- 06.94	112806	14	120	12.90- 06.94	112321	12	1.1
100 2.3 E	[NF]	07.87- 11.90	112750	14	90	07.87- 11.90	112537	12	2.2
100 2.3 E Quattro	[NF]	08.86- 11.90	112750	14	90	08.86- 11.90	112537	12	2.2
100 2.4 Diesel	[3D]	08.89- 11.90	112750	14	90	08.89- 11.90	111010	12	1.4
	[AAS]	05.91- 06.94	112750	14	90	05.91- 06.94	112537	12	2.2
						09.91- 06.94	111010	12	1.4
100 2.5 TDi	[1T]	01.90- 11.90	112750	14	90	01.90- 11.90	111010	12	1.4
						01.90- 11.90	112537	12	2.2
	[AAT]	12.90- 06.94	113758	14	120	12.90- 06.94	112321	12	1.1
100 2.6	[ABC]	03.92- 06.94	112806	14	120	03.92- 06.94	112321	12	1.1
						04.92- 07.94	112309	12	1.4
	[ACZ]	07.93- 02.96	112806	14	120	01.93- 07.94	112309	12	1.4
						07.93- 02.96	112321	12	1.1
100 2.6 Quattro	[ABC]					03.92- 07.94	112309	12	1.4
		04.92- 06.94	112806	14	120	04.92- 06.94	112321	12	1.1
100 2.8 E	[AAH]	12.90- 06.94	112806	14	120	12.90- 06.94	112321	12	1.1
						12.90- 07.94	112309	12	1.4
100 2.8 E Quattro	[AAH]	12.90- 06.94	112806	14	120	12.90- 06.94	112321	12	1.1
						12.90- 07.94	112309	12	1.4
200 2.1 Turbo	[KG]	AT 08.85- 01.88	112729	14	90	08.85- 01.88	111010	12	1.4
200 2.2 E	[WC]	10.79- 07.81	111139	14	75	10.79- 07.81	111010	12	1.4
200 2.2 Turbo 20V Quattro	[3B]	03.89- 12.90	112750	14	90	03.89- 12.90	111010	12	1.4
200 2.2 Turbo	[1B]	08.88- 12.91	112729	14	90	08.88- 12.91	111010	12	1.4
		08.88- 12.91	112750	14	90				
	[2B]	02.88- 12.91	112729	14	90	02.88- 12.91	111010	12	1.4
		08.88- 12.91	112750	14	90				
	[MC]	03.88- 12.91	112750	14	90	03.88- 12.91	111010	12	1.4
	[WJ]	09.79- 07.81	110911	14	55	09.79- 07.81	111010	12	1.4
		10.79- 07.81	111139	14	75				
200 2.2 Turbo Quattro	[1B]	08.88- 11.90	112750	14	90	08.88- 11.90	111010	12	1.4
	[MC]	01.85- 08.88	112729	14	90	01.85- 08.88	111010	12	1.4
		01.89- 12.91	112750	14	90				
200 2.3	[NF]	11.86- 09.91	112750	14	90	11.86- 09.91	111010	12	1.4
80 B2 2.0	[JL]					10.83- 09.84	111010	12	1.4
80 B3 1.8	[SD]	08.88- 12.88	112149	14	65	AT 08.88- 12.88	110865	12	0.95
80 B3 1.8 Quattro	[SD]	10.88- 06.89	112149	14	65				
90 B2 1.8 Gt		01.85- 07.88	110919	14	65	01.85- 07.88	110865	12	0.95
		01.85- 07.88	112149	14	65				
		01.85- 07.88	112729	14	90				
A1 1.0 TFSI	[CHZB]	03.15-	116619	14	110				
A1 1.0 TFSI Sportback	[CHZB]	03.15-	116619	14	110				
A1 1.2 TFSI Sportback	[CBZA]	01.12-	116207	14	110	01.12-	115612	12	1.2
A1 1.4 TDi	[CUSB]	11.14-	116607	14	140				
A1 1.4 TDi Sportback	[CUSB]	11.14-	116607	14	140				
A1 1.4 TFSI	[CAVG]	01.11-	114884	14	140	A25 01.11-	115402	12	1.8
	[CAXA]	05.10-	115528	14	140 A49	05.10-	115696	12	1.1
		05.10-	116345	14	140	05.10-	115612	12	1.2
	[CNVA]	05.10-	115528	14	140 A49	05.10-	115634	12	1.8
		05.10-	116345	14	140	05.10-	115612	12	1.2
	[CPTA]	04.12-	115916	14	140	04.12-	115610	12	2.0
	[CTHG]	01.11-	114884	14	140	A25 01.11-	115336	12	2.2
	[CTJA]	01.11-	114884	14	140	A25 01.11-	115336	12	2.2
	[CZCA]	11.14-	116619	14	110				
	[CZDB]	11.14-	116619	14	110				
	[CZEA]	11.14-	116619	14	110				



A1 1.4 TFSi Sportback	[CAVG]	11.11-	114884	14	140	A25	11.11-	115402	12	1.8
	[CAXA]	11.11-	114884	14	140	A25	11.11-	115336	12	2.2
		11.11-	115528	14	140 A49		11.11-	115634	12	1.8
		11.11-	116345	14	140		11.11-	115612	12	1.2
	[CNVA]	11.11-	114884	14	140	A25	11.11-	115402	12	1.8
		11.11-	115528	14	140 A49		11.11-	115696	12	1.1
		11.11-	116345	14	140		11.11-	115612	12	1.2
	[CPTA]	04.12-	115916	14	140		04.12-	115610	12	2.0
	[CTHG]	11.11-	114884	14	140		11.11-	115402	12	1.8
	[CTJA]	11.11-	114884	14	140		11.11-	115336	12	2.2
A1 1.6 TDi	[CZCA]	11.14-	116619	14	110					
	[CZDB]	11.14-	116619	14	110					
	[CZEA]	11.14-	116619	14	110					
	[CAYB]	03.11-	113992	14	140		03.11-	114034	12	1.0
		03.11-	115370	14	110		03.11-	115336	12	2.2
		03.11-	115433	14	140	AT	03.11-	115337	12	2.0
		03.11-	116036	14	140		03.11-	115612	12	1.2
		03.11-	116452	14	140					
	[CAYC]	05.10-	115433	14	140	For vehicles with	05.10-	115337	12	2.0
		05.10-	116036	14	140		05.10-	115612	12	1.2
A1 1.6 TDi Sportback		05.10-	116452	14	140					
	[CXMA]	11.14-	115898	14	140		11.14-	115610	12	2.0
		11.14- 10.18	116717	14	140					
	[CAYB]	11.11-	113992	14	140		11.11-	113841	12	1.7
		11.11-	115370	14	110	For vehicles with	11.11-	115337	12	2.0
		11.11-	115433	14	140		11.11-	114163	12	1.1
		11.11-	116036	14	140		11.11-	115612	12	1.2
		11.11-	116452	14	140					
	[CAYC]	11.11-	115370	14	110		11.11-	115336	12	2.2
		11.11-	115433	14	140		11.11-	114299	12	1.7
A1 2.0 TDi		11.11-	116036	14	140		11.11-	115612	12	1.2
		11.11-	116452	14	140					
	[CXMA]	11.14-	115898	14	140		11.14-	115610	12	2.0
	[CFHB]	05.12-	113992	14	140		05.12-	113841	12	1.7
		05.12-	115370	14	110	A25 and DKG	05.12-	115337	12	2.0
		05.12-	115433	14	140		05.12-	114163	12	1.1
		05.12-	116036	14	140		05.12-	115612	12	1.2
		05.12-	116452	14	140					
	[CFHD]	09.11-	113992	14	140		09.11-	113773	12	1.1
		09.11-	115370	14	110		09.11-	113841	12	1.7
A1 2.0 TDi Sportback		09.11-	115433	14	140		09.11-	115336	12	2.2
		09.11-	116036	14	140	A25 and DKG	09.11-	115337	12	2.0
		09.11-	116452	14	140		09.11-	115612	12	1.2
		09.11-					09.11-	115696	12	1.1
	[CFHB]	05.12-	115370	14	110		05.12-	115336	12	2.2
		05.12-	115433	14	140		05.12-	114299	12	1.7
		05.12-	116036	14	140		05.12-	115612	12	1.2
		05.12-	116452	14	140					
	[CDLH]	03.12-	115433	14	140		03.12-	115696	12	1.1
		03.12-	116036	14	140		03.12-	115612	12	1.2
A1 City Carver 1.0 TFSi 25		03.12-	116452	14	140					
	[DKLA]	07.19-	116193	14	140	5 Speed	07.19-	115560	12	1.7
		07.19-	116231	12	110	AT, 7 Speed	07.19-	116272	12	1.1
		07.19-	116298	14	140					
		07.19-	116619	14	110					
	[DKJA, DKRF]	07.19-	116193	14	140	5 Speed	07.19-	115560	12	1.7
		07.19-	116231	12	110	AT, 7 Speed	07.19-	116272	12	1.1
		07.19-	116298	14	140					
		07.19-	116619	14	110					
	[DPCA]	07.19-	116193	14	140	5 Speed	07.19-	115560	12	1.7
A1 City Carver 1.5 TFSi 35		07.19-	116231	12	110	AT, 7 Speed	07.19-	116272	12	1.1
		07.19-	116298	14	140					
		07.19-	116619	14	110					
	[DKLA]	11.18-	116193	14	140		11.18-	115560	12	1.7
		11.18-	116231	12	110					
		11.18-	116298	14	140	AT, 7 Speed	11.18-	116272	12	1.1
	[DKRF, DKJA]	07.18-	116193	14	140		07.18-	115560	12	1.7
		07.18-	116231	12	110	AT, 7 Speed	07.18-	116272	12	1.1
		07.18-	116298	14	140					
	[DADA]	09.18-	116193	14	140		09.18-	115560	12	1.7
A1 Sportback 1.0 TFSi Sportback		09.18-	116231	12	110	AT, 7 Speed	09.18-	116272	12	1.1
		09.18-	116298	14	140					
	[DKZC, CZPC]	09.18-	116387	14	140					
	[ANY]	02.00-	113275	14	120		02.00-	111900	12	1.8
	[AMF]	02.00- 08.05	113275	14	120		02.00- 08.05	111900	12	1.8
							09.99- 08.03	115503	12	1.8 A49
	[BHC]	02.00-	113275	14	120		02.00-	111900	12	1.8
	[AUA]	02.00- 08.05	113887	14	90		02.00- 08.05	113515	12	0.9
		AC 02.00-	111989	14	90		02.00-	112435	12	1.1
	[BBY]	02.00- 08.05	113887	14	90		02.00- 08.05	115503	12	1.8 A49
A2 1.4		AC 11.01-	111989	14	90		11.01-	112435	12	1.1
	[BAD]	05.02- 08.05	116587	14	110		05.02- 08.05	115503	12	1.8 A49
	[CHZD]						07.16-	115612	12	1.2
	[DKRF]	07.18-	116193	14	140		07.18-	115612	12	1.2
		07.18-	116228	12	180		07.18-	116097	12	2.0
		07.18-	116229	12	180					
		07.18-	116298	14	140					
	[CHZD]						07.16-	115612	12	1.2
	[CJZA]	02.13-	115916	14	140		02.13-	115504	12	1.1 A49
							02.13-	115612	12	1.2
A3 1.0 TFSi Sportback							05.14-	115612	12	1.2
	[CYVB]						05.14-	115612	12	1.2
	[CYVB]						05.14-	115612	12	1.2
	[CJZA]	05.13-	115916	14	140		05.13-	115504	12	1.1 A49
							05.13-	115612	12	1.2
	[CBZB]	03.10- 05.13	115765	14	140	AT and Start/Stop	03.10- 05.13	115337	12	2.0
		03.10- 05.13	115767	14	140		03.10- 05.13	115503	12	1.8 A49
		04.10- 08.12	116207	14	110		04.10- 08.12	116097	12	2.0
						AT	04.10- 08.12	115611	12	1.1

AUDI Continued

A3 1.2 TSi Sportback	[CBZB]	04.10- 03.13	115765	14 140		04.10- 03.13	115503	12 1.8	A49
		04.10- 03.13	115767	14 140		AT 04.10- 03.13	115611	12 1.1	
		04.10- 03.13	116207	14 110		04.10- 03.13	116097	12 2.0	
A3 1.4 TFSI	[CAXC]	09.07- 08.12	114769	14 110		09.07- 08.12	113842	12 1.7	
		09.07- 08.12	115528	14 140 A49		09.07- 08.12	115336	12 2.2	
		09.07- 03.13	115707	14 110		09.07- 08.12	116097	12 2.0	
		09.07- 08.12	116345	14 140					
	[CMBA]	04.12-	115916	14 140		04.12-	115503	12 1.8	A49
						AT 08.12-	115612	12 1.2	
						09.13-	115504	12 1.1	A49
	[CMSA]	04.10- 08.12	115528	14 140 A49		04.10- 08.12	115336	12 2.2	
		04.10- 08.12	116345	14 140		04.10- 08.12	116097	12 2.0	
						04.10- 08.12	115611	12 1.1	
	[CPTA]	03.13-	115916	14 140		03.13-	115503	12 1.8	A49
						05.13-	115504	12 1.1	A49
	[CXSA]	04.12-	115916	14 140		04.12-	115504	12 1.1	A49
						AT 08.12-	115612	12 1.2	
	[CXSB]	09.13-	115916	14 140		09.13-	115504	12 1.1	A49
						09.13-	115612	12 1.2	
	[CZCC]					02.16-	115612	12 1.2	
A3 1.4 TFSI Sportback	[CMBA]	09.12-	115916	14 140		09.12-	115503	12 1.8	A49
						AT 09.12-	115612	12 1.2	
	[CXSA]	09.12-	115916	14 140		09.12-	115504	12 1.1	A49
						AT 09.12-	115612	12 1.2	
	[CXSB]					05.14-	115612	12 1.2	
	[CZCA]					05.14-	115612	12 1.2	
A3 1.4 TFSI Sportsback	[CPTA]	03.13-	115916	14 140		03.13-	115504	12 1.1	A49
A3 1.5 TFSI	[DADA]	05.17-	116228	12 180		05.17-	116097	12 2.0	
		05.17-	116229	12 180					
		05.17-	116298	14 140					
A3 1.5 TFSI S3 Limousine	[DADA]	10.18-	116193	14 140		10.18-	116097	12 2.0	
		10.18-	116228	12 180					
		10.18-	116229	12 180					
		10.18-	116298	14 140					
A3 1.6 E-Power	[CCSA]	01.11- 08.12	113992	14 140		01.11- 08.12	113842	12 1.7	
	[CMXA]	01.11-	113992	14 140		01.11-	113841	12 1.7	
A3 1.6 Sportback E-Power	[CCSA]	01.11- 03.13	113992	14 140		01.11- 03.13	113842	12 1.7	
	[CMXA]	01.11-	113992	14 140		01.11-	113841	12 1.7	
A3 1.6 TDI	[CAYB]	05.09-	113992	14 140		05.09-	113841	12 1.7	
		05.09- 03.13	115433	14 140		05.09- 03.13	115311	12 2.0	
		05.09- 03.13	116036	14 140		05.09- 03.13	116720	12 1.4	
		05.09- 03.13	116452	14 140		05.09- 03.13	115944	12 1.7	
	[CAYC]	05.09- 03.13	115433	14 140	Direct shift	05.09- 03.13	115333	12 1.0	
		05.09- 03.13	116036	14 140		05.09- 05.13	115311	12 2.0	
		05.09- 03.13	116452	14 140		05.09- 03.13	116720	12 1.4	
						05.09- 03.13	115944	12 1.7	
	[CLHA]	09.12-	115898	14 140		09.12-	115504	12 1.1	A49
		10.12- 05.15	116717	14 140		10.12- 05.15	115818	12 1.1	
						09.13-	114299	12 1.7	
	[CRKB]	09.13-	115898	14 140		09.13-	115696	12 1.1	
		09.13-	116717	14 140		09.13-	114299	12 1.7	
						09.13-	115696	12 1.1	
						02.14-	114163	12 1.1	
						02.14-	115634	12 1.8	
						05.14-	114176	12 1.0	
	[DDYA]	02.17-	114322	14 140		02.17-	113842	12 1.7	
		04.17-	116373	14 140		02.17-	115638	12 1.7	
		02.17-	116717	14 140		A25 02.17-	115610	12 2.0	
						04.17-	116097	12 2.0	
A3 1.6 TDI Quattro	[CXXB]	05.15-	115898	14 140		05.15-	114163	12 1.1	
		05.15-	116359	14 140		05.15-	116097	12 2.0	
		05.15-	116717	14 140		05.15-	115638	12 1.7	
						05.15-	115610	12 2.0	
A3 1.6 TDI Quattro Sportback	[CXXB]	05.15-	115898	14 140		05.15-	114163	12 1.1	
		05.15-	116359	14 140		05.15-	116097	12 2.0	
		05.15-	116717	14 140		05.15-	115638	12 1.7	
						05.15-	115610	12 2.0	
A3 1.6 TDI S3 Limousine	[DGTE]	07.18-	116384	14 180		07.18-	115900	12 1.1	
		07.18-	116647	14 140		07.18-	115818	12 1.1	
					A25 and seatheating	07.18-	115610	12 2.0	
A3 1.6 TDI Sportback	[CRKB]	09.13-	115898	14 140		09.13-	114299	12 1.7	
		09.13-	116717	14 140		09.13-	115696	12 1.1	
A3 1.6 TDI Sportsback	[CLHA]	10.12-	115898	14 140		10.12-	115508	12 1.7	A49
		10.12-	116717	14 140		10.12-	115818	12 1.1	
A3 1.6	[AEH]	09.96- 04.98	111820	14 90	6 Speed	09.96- 04.98	112429	12 2.0	
		09.96- 05.03	112002	14 120 A47		09.96- 05.03	111909	12 1.1	
		05.98-	112075	14 70		05.98-	111900	12 1.8	
		05.98- 06.01	115483	14 120 A49		A25 05.98- 06.01	115561	12 1.7	
		AC 05.98-	111989	14 90		AT 05.98-	112286	12 1.7	
	[AKL]	09.96- 05.03	112002	14 120 A47		AT 09.96- 05.03	111909	12 1.1	
		08.97- 04.98	111820	14 90		08.97- 04.98	112429	12 2.0	
		05.98-	112075	14 70		05.98-	111900	12 1.8	
		05.99- 06.01	115483	14 120 A49		A25 05.99- 06.01	115561	12 1.7	
		AC 05.98-	111989	14 90		AT 05.98-	112286	12 1.7	
	[APF]	09.96- 05.03	112002	14 120 A47		AT 09.96- 05.03	111909	12 1.1	
		08.98- 08.00	115483	14 120 A49		A25 08.98- 08.00	115561	12 1.7	
		06.99-	112075	14 70	Chas. -8L-2045000	06.99-	111900	12 1.8	
		AC 06.99-	111989	14 90		06.99-	112005	12 1.1	
	[AVU]	05.00- 04.02	115483	14 120 A49		A25 05.00- 04.02	115402	12 1.8	
		08.00- 05.03	111989	14 90		AT 08.00- 05.03	111909	12 1.1	
		08.00- 05.03	112002	14 120 A47		08.00- 05.03	111900	12 1.8	
	[BFQ]	08.00- 04.02	111989	14 90		08.00- 04.02	112005	12 1.1	
		08.00- 05.03	112002	14 120 A47		08.00- 05.03	111909	12 1.1	
		08.00- 04.02	112075	14 70		Direct AT 08.00- 04.02	113509	12 1.7	
		08.00- 04.02	115483	14 120 A49		A25 08.00- 04.02	115402	12 1.8	
	[BGU]	05.03-	113992	14 140		05.03-	113509	12 1.7	
	[BSE]	06.05-	113992	14 140		AT 06.05-	113773	12 1.1	
						09.08-	113841	12 1.7	
	[BSF]	06.05-	113992	14 140		06.05-	113773	12 1.1	
A3 1.6 Sportback	[BGU]	09.04-	113992	14 140		AT 09.04-	113509	12 1.7	



A3 1.6 FSi	[BSE]	06.05-	113992	14 140	06.05-	113841	12 1.7
				Direct shift gearbox (Double Clutch)	06.05- 03.13	115611	12 1.1
	[BSF]	06.05-	113992	14 140	06.05-	113841	12 1.7
	[BAG]	08.03- 09.07	114769	14 110	08.03- 09.07	113842	12 1.7
A3 1.6 FSi Sportback	[BLF]	01.05- 09.07	114769	14 110	01.05- 09.07	113842	12 1.7
	[BLP]	08.03- 12.04	114769	14 110	08.03- 12.04	113842	12 1.7
	[BLF]	01.05-	114769	14 110	A25 01.05-	115560	12 1.7
	[BLP]	09.04-	114769	14 110	09.04-	113842	12 1.7
A3 1.8	[AGN]	09.96- 04.98	111820	14 90	09.96- 04.98	112429	12 2.0
		09.96- 05.98	112399	14 90	09.96- 05.98	113509	12 1.7
		05.98-	112075	14 70	Chas. -8L-2045000 05.98-	111900	12 1.8
		AC 05.98-	111989	14 90	05.98-	112005	12 1.1
	[APG]	08.98- 04.03	112002	14 120 A47	AT 08.98- 04.03	111909	12 1.1
		08.98- 04.03	115483	14 120 A49	A25 08.98- 04.03	115561	12 1.7
		11.99-	112075	14 70	11.99-	111748	12 1.1
		AC 11.99-	111989	14 90	11.99-	112005	12 1.1
	[CDA]				Tiptronic 01.09- 05.13	115611	12 1.1
					AT 08.12-	115612	12 1.2
A3 1.8 TFSi	[CJSA]				05.13-	115612	12 1.2
	[CJSB]				Tiptronic 07.08- 03.13	115611	12 1.1
	[CDA]				08.12-	115612	12 1.2
A3 1.8 TFSi Quattro	[CJSA]				05.13-	115612	12 1.2
	[CJSB]				11.06- 06.07	115611	12 1.1
	[CDA]				Tiptronic 07.08- 03.13	115611	12 1.1
A3 1.8 TFSi Quattro Sportback	[CJSA]				AT 09.12-	115612	12 1.2
	[CJSB]				AT 09.12-	115612	12 1.2
	[BYT]						
A3 1.8 Turbo 20V	[AGU]	09.96- 05.98	111820	14 90	AT 09.96- 05.98	112286	12 1.7
		05.98-	112075	14 70	05.98-	113509	12 1.7
		AC 05.98-	111989	14 90	05.98-	112005	12 1.1
		08.98-	112075	14 70	08.98-	111748	12 1.1
	[AQA]	AC 08.98-	111989	14 90	08.98-	112005	12 1.1
		07.99-	112075	14 70	07.99-	111748	12 1.1
	[ARZ]	AC 07.99-	111989	14 90	07.99-	112005	12 1.1
		07.99-	112075	14 70	Direct AT 07.99-	113509	12 1.7
	[AUM]	AC 07.99-	111989	14 90	07.99-	112005	12 1.1
		08.98-	111989	14 90	08.98-	112005	12 1.1
A3 1.8 Turbo	[AJQ]	08.98-	112002	14 120 A47	AT 08.98-	111909	12 1.1
		08.98-	112075	14 70	08.98-	111749	12 1.1
		08.98- 08.00	115483	14 120 A49	A25 08.98- 08.00	115561	12 1.7
		08.98-	111989	14 90	08.98-	112005	12 1.1
	[APP]	08.98-	112002	14 120 A47	AT 08.98-	111909	12 1.1
		08.98-	112075	14 70	08.98-	111749	12 1.1
		08.98- 05.00	115483	14 120 A49	08.98- 05.00	115561	12 1.7
		09.00-	112002	14 120 A47	AT 09.00-	111909	12 1.1
	[ARY]	09.00- 06.01	115483	14 120 A49	A25 09.00- 06.01	115402	12 1.8
		05.01-	111989	14 90	05.01-	112005	12 1.1
		05.01-	112075	14 70	AT 05.01-	113509	12 1.7
		05.00- 06.03	112002	14 120 A47	AT 05.00- 06.03	111909	12 1.1
	[AUQ]	05.00- 06.03	115483	14 120 A49	05.00- 06.03	115402	12 1.8
		05.01- 04.02	111989	14 90	5 Speed 05.01- 04.02	112005	12 1.1
		05.01- 04.02	112075	14 70	05.01- 04.02	111749	12 1.1
		08.97- 05.98	111820	14 90	AT 08.97- 05.98	112286	12 1.7
A3 1.8 Turbo Quattro	[AGU]	08.97- 08.00	112002	14 120 A47	AT 08.97- 08.00	111909	12 1.1
		05.98- 08.00	111989	14 90	05.98- 08.00	112005	12 1.1
		05.98- 08.00	112075	14 70	Direct AT 05.98- 08.00	113509	12 1.7
		05.98- 08.00	115483	14 120 A49	A25 05.98- 08.00	115402	12 1.8
	[AJQ]	08.98- 08.00	111989	14 90	08.98- 08.00	112005	12 1.1
		08.98- 08.00	112075	14 70	AT 08.98- 08.00	111748	12 1.1
	[AQA]	08.98- 04.01	111989	14 90	08.98- 04.01	112005	12 1.1
		08.98- 05.03	112002	14 120 A47	AT 08.98- 05.03	111909	12 1.1
		08.98- 04.01	112075	14 70	AT 08.98- 04.01	111748	12 1.1
		08.98- 04.01	115483	14 120 A49	A25 08.98- 04.01	115561	12 1.7
	[ARX]	10.99- 06.03	111820	14 90	6 Speed 10.99- 06.03	112429	12 2.0
		10.99- 06.03	111989	14 90	5 Speed 10.99- 06.03	112005	12 1.1
		10.99- 06.03	112002	14 120 A47	AT 10.99- 06.03	111909	12 1.1
		10.99- 06.03	112075	14 70	AT 10.99- 06.03	111748	12 1.1
	[ARY]	10.99- 06.03	115483	14 120 A49	A25 10.99- 06.03	115561	12 1.7
		09.00- 06.03	115483	14 120 A49	A25 09.00- 06.03	115402	12 1.8
		05.98-	111989	14 90	AT 05.98-	111909	12 1.1
		05.98-	112075	14 70	AT 05.98-	113509	12 1.7
		10.98-	112002	14 120 A47			
	[AGR]	09.96-	112002	14 120 A47	AT 09.96-	111909	12 1.1
		09.96-	112079	14 90 A47	09.96-	113509	12 1.7
		09.96- 07.01	114789	14 90 A49	A25 05.98- 08.00	115402	12 1.8
		05.98-	113340	14 70	09.96- 07.01	115560	12 1.7
	[AHF]	05.98- 08.00	115483	14 120 A49			
		09.96- 05.98	111353	14 70	AT 01.97- 08.00	111909	12 1.1
		09.96- 05.98	111820	14 90	6 Speed 09.96- 05.98	112429	12 2.0
		01.97- 08.00	112002	14 120 A47	AT 01.97- 08.00	113509	12 1.7
	[ALH]	01.97- 08.00	112079	14 90 A47	01.97- 08.00	115560	12 1.7
		01.97- 08.00	114789	14 90 A49	05.98- 08.00	115561	12 1.7
		05.98- 08.00	113340	14 70			
		05.98- 08.00	115483	14 120 A49			
	[ASV]	09.96-	112002	14 120 A47	AT 09.96-	111909	12 1.1
		09.96-	112079	14 90 A47	AT 09.96-	113509	12 1.7
		09.96- 07.01	114789	14 90 A49	A25 09.96- 07.01	115560	12 1.7
		05.98-	113340	14 70	A25 05.98- 06.01	115561	12 1.7
	[ASZ]	05.98- 06.01	115483	14 120 A49			
		09.99- 07.01	112002	14 120 A47	AT 09.99- 07.01	111909	12 1.1
		09.99- 07.01	112079	14 90 A47	AT 09.99- 07.01	113509	12 1.7
		09.99- 06.01	113340	14 70	A25 09.99- 06.01	115402	12 1.8
	[AS2]	09.99- 07.01	114789	14 90 A49	09.99- 07.01	115560	12 1.7
		09.99- 06.01	115483	14 120 A49			
		08.00- 05.03	112002	14 120 A47	AT 08.00- 05.03	111909	12 1.1
		08.00- 05.03	112079	14 90 A47	AT 08.00- 05.03	113509	12 1.7
		08.00- 06.03	113340	14 70	A25 08.00- 06.03	115402	12 1.8
		08.00- 05.03	114789	14 90 A49	08.00- 05.03	115560	12 1.7
		08.00- 06.03	115483	14 120 A49			

AUDI Continued

	[ATD]	10.00- 05.03	112002	14 120 A47		10.00- 05.03	111900	12 1.8
		10.00- 05.03	112079	14 90 A47	AT	10.00- 05.03	113509	12 1.7
		10.00- 05.03	113340	14 70	A25	10.00- 06.03	115402	12 1.8
		10.00- 05.03	114789	14 90 A49		10.00- 05.03	115560	12 1.7
		10.00- 06.03	115483	14 120 A49				
	[AXR]	10.00-	112002	14 120 A47		10.00-	111900	12 1.8
		10.00-	112079	14 90 A47		10.00-	113509	12 1.7
		10.00-	113340	14 70	A25	11.01- 06.03	115402	12 1.8
		10.00- 05.03	114789	14 90 A49	A25	10.00- 05.03	115561	12 1.7
		11.01- 06.03	115483	14 120 A49				
	[BKC]	05.03-	113992	14 140		05.03-	113509	12 1.7
		05.03- 05.10	113992	14 140		05.03- 05.10	113841	12 1.7
		04.08-	115370	14 110		04.08-	113773	12 1.1
					A25	04.08-	115402	12 1.8
		05.03- 05.10	113992	14 140		05.03- 05.10	113841	12 1.7
A3 1.9 TDi Quattro	[ASZ]	05.00-	113340	14 70	AT	08.00-	111909	12 1.1
		05.00- 06.03	115483	14 120 A49		05.00-	113509	12 1.7
		08.00-	112002	14 120 A47	A25	05.00- 06.03	115402	12 1.8
		08.00-	112079	14 90 A47		08.00- 05.03	115560	12 1.7
		08.00- 05.03	114789	14 90 A49				
A3 1.9 TDi Sportback	[BKC]	09.04-	113992	14 140	AT	09.04-	113509	12 1.7
		09.04- 05.10	115370	14 110	A25	09.04- 05.10	115402	12 1.8
		09.04- 05.10	113992	14 140		09.04- 05.10	113841	12 1.7
		09.04- 05.10	115370	14 110		09.04- 05.10	115311	12 2.0
		09.04- 05.10	113992	14 140		09.04- 05.10	113841	12 1.7
A3 2.0 TDi 16V	[BKD]	09.04- 05.10	115370	14 110		09.04- 05.10	115311	12 2.0
		05.03- 08.12	113992	14 140		05.03- 08.12	113773	12 1.1
		05.03- 08.12	115370	14 110		05.03- 08.12	115402	12 1.8
		05.03- 08.12	115433	14 140		05.03- 08.12	115311	12 2.0
		05.03- 08.12	116036	14 140		05.03- 08.12	114163	12 1.1
	[CBAB]	05.03- 08.12	116452	14 140		05.03- 08.12	115900	12 1.1
		07.08-	113992	14 140		07.08-	113841	12 1.7
		07.08-	115370	14 110	For vehicles with	07.08-	115376	12 1.8
		07.08-	115433	14 140	Direct shift	07.08-	115333	12 1.0
		07.08-	116036	14 140		07.08-	116720	12 1.4
	[CFFB]	07.08-	116452	14 140		07.08-	115944	12 1.7
		11.09-	113992	14 140		11.09-	113841	12 1.7
		11.09-	115370	14 110	A41 (SSG)	11.09-	115376	12 1.8
		11.09-	115433	14 140	Direct shift	11.09-	115333	12 1.0
		11.09-	116036	14 140		11.09-	116720	12 1.4
	[CLJA]	11.09-	116452	14 140	A25	11.09-	115944	12 1.7
		02.10-	113992	14 140		02.10-	113841	12 1.7
		02.10-	115370	14 110		02.10-	115311	12 2.0
		02.10-	115433	14 140	Direct shift	02.10-	115333	12 1.0
		02.10-	116036	14 140		02.10-	116720	12 1.4
A3 2.0 TDi 16V Quattro	[BKD]	02.10-	116452	14 140		02.10-	115944	12 1.7
		08.04-	113992	14 140		08.04-	113773	12 1.1
		08.04- 08.12	115370	14 110	A25	08.04- 08.12	115402	12 1.8
		08.04- 08.12	115433	14 140		08.04- 08.12	115311	12 2.0
		08.04- 08.12	116036	14 140		08.04- 08.12	114163	12 1.1
	[CBAB]	08.04- 08.12	116452	14 140		08.04- 08.12	115900	12 1.1
						11.05- 03.13	115944	12 1.7
		08.04- 08.12	113992	14 140		08.04- 08.12	113841	12 1.7
		08.04- 08.12	115370	14 110		08.04- 08.12	115311	12 2.0
		08.04- 08.12	115433	14 140	Direct shift	08.04- 08.12	115333	12 1.0
	[CFFB]	08.04- 08.12	116036	14 140		08.04- 08.12	116720	12 1.4
		08.04- 08.12	116452	14 140		08.04- 08.12	115944	12 1.7
					A25	11.05- 03.13	115336	12 2.2
					A25 and seatheating	11.05- 03.13	116272	12 1.1
						11.05- 03.13	115818	12 1.1
	[CFFB]	08.04- 08.12	113992	14 140		08.04- 08.12	113841	12 1.7
		08.04- 08.12	115370	14 110		08.04- 08.12	115311	12 2.0
		08.04- 08.12	115433	14 140	Direct shift	08.04- 08.12	115333	12 1.0
		08.04- 08.12	116036	14 140		08.04- 08.12	116720	12 1.4
		08.04- 08.12	116452	14 140		08.04- 08.12	115944	12 1.7
A3 2.0 TDi 16V Sportback	[BKD]				A25	11.05- 03.13	115336	12 2.2
					AT	11.05- 03.13	116272	12 1.1
						11.05- 03.13	115818	12 1.1
		09.04-	113992	14 140	AT	09.04-	113509	12 1.7
		09.04-	115370	14 110	A25	09.04-	115402	12 1.8
	[CBAB]	09.04- 03.13	115433	14 140		09.04- 03.13	115311	12 2.0
		09.04- 03.13	116036	14 140		09.04- 03.13	114163	12 1.1
		09.04- 03.13	116452	14 140		09.04- 03.13	115900	12 1.1
		09.04-	113992	14 140		09.04-	113841	12 1.7
		09.04-	115370	14 110		09.04-	115311	12 2.0
	[CFFB]	09.04- 03.13	115433	14 140	A41	09.04- 03.13	115333	12 1.0
		09.04- 03.13	116036	14 140		09.04- 03.13	116720	12 1.4
		09.04- 03.13	116452	14 140		09.04- 03.13	115818	12 1.1
		09.04-	113992	14 140		09.04-	113841	12 1.7
		09.04-	115370	14 110		09.04-	115311	12 2.0
	[CLJA]	09.04- 03.13	115433	14 140	Direct shift	09.04- 03.13	115333	12 1.0
		09.04- 03.13	116036	14 140		09.04- 03.13	116272	12 1.1
		09.04- 03.13	116452	14 140		09.04- 03.13	115818	12 1.1
		09.04-	113992	14 140		09.04-	113841	12 1.7
		09.04-	115370	14 110		09.04-	115311	12 2.0
A3 2.0 TDi	[AZV]	09.04- 03.13	115433	14 140	Direct shift	09.04- 03.13	115333	12 1.0
		09.04- 03.13	116036	14 140		09.04- 03.13	116272	12 1.1
		09.04- 03.13	116452	14 140		09.04- 03.13	115818	12 1.1
		05.03-	113992	14 140		05.03-	113509	12 1.7
		05.03- 08.12	115370	14 110		05.03- 08.12	115402	12 1.8
	[BMM]	05.03- 08.12	115433	14 140		05.03- 08.12	115311	12 2.0
		05.03- 08.12	116036	14 140		05.03- 08.12	114163	12 1.1
		05.03- 08.12	116452	14 140		05.03- 08.12	115900	12 1.1
		06.05-	113992	14 140		06.05-	113773	12 1.1
		06.05- 06.08	115370	14 110	A25	06.05- 06.08	115402	12 1.8
	[BMN]	03.06-	113992	14 140		03.06-	113773	12 1.1
		03.06- 08.12	115370	14 110		03.06- 08.12	115402	12 1.8
		03.06- 08.12	115433	14 140		03.06- 08.12	115311	12 2.0
		03.06- 08.12	116036	14 140		03.06- 08.12	114163	12 1.1
		03.06- 08.12	116452	14 140		03.06- 08.12	115944	12 1.7



A3 2.0 TDi Quattro	[BUY]	06.06- 06.08	113992	14 140		06.06- 06.08	113841	12 1.7	
		06.06- 06.08	115370	14 110		A25 06.06- 06.08	115402	12 1.8	
						06.06- 06.08	115376	12 1.8	
	[CBAB]	04.08-	113992	14 140		04.08-	113773	12 1.1	
		04.08- 05.13	115433	14 140		04.08- 05.13	115311	12 2.0	
		04.08- 05.13	116036	14 140		04.08- 05.13	114163	12 1.1	
		04.08- 05.13	116452	14 140		04.08- 05.13	115944	12 1.7	
	[CBBB]	03.06- 08.12	113992	14 140		03.06- 08.12	113841	12 1.7	
		03.06- 08.12	115370	14 110		03.06- 08.12	115311	12 2.0	
		03.06- 08.12	115433	14 140	Direct shift	03.06- 08.12	115333	12 1.0	
		03.06- 08.12	116036	14 140		03.06- 08.12	116720	12 1.4	
		03.06- 08.12	116452	14 140		03.06- 08.12	115944	12 1.7	
	[CBAA]	05.03- 08.12	113992	14 140		05.03- 08.12	113841	12 1.7	
		05.03- 08.12	115370	14 110		05.03- 08.12	115311	12 2.0	
		05.03- 08.12	115433	14 140		A25 05.03- 08.12	115336	12 2.2	
		05.03- 08.12	116036	14 140		AT 05.03- 08.12	116272	12 1.1	
		05.03- 08.12	116452	14 140		05.03- 08.12	115818	12 1.1	
		04.08-	114109	14 180		04.08-	113842	12 1.7	
						Direct shift 04.08- 05.13	115333	12 1.0	
						04.08- 05.13	116720	12 1.4	
						04.08- 05.13	115944	12 1.7	
	[CFFA]	05.03- 08.12	113992	14 140		05.03- 08.12	113841	12 1.7	
		05.03- 08.12	115370	14 110		05.03- 08.12	115311	12 2.0	
		05.03- 08.12	115433	14 140		A25 05.03- 08.12	115336	12 2.2	
		05.03- 08.12	116036	14 140		05.03- 08.12	116097	12 2.0	
		05.03- 08.12	116452	14 140		05.03- 08.12	115818	12 1.1	
		04.08-	114109	14 180		04.08-	113842	12 1.7	
						A41 04.08- 05.13	115333	12 1.0	
						04.08- 05.13	116720	12 1.4	
	[CFFB]	04.08- 05.13	113992	14 140		04.08- 05.13	113841	12 1.7	
		04.08- 05.13	115433	14 140		A41 04.08- 05.13	115333	12 1.0	
		04.08- 05.13	116036	14 140		04.08- 05.13	116720	12 1.4	
		04.08- 05.13	116452	14 140		04.08- 05.13	115818	12 1.1	
	[CFGB]	03.06- 08.12	113992	14 140		03.06- 08.12	113841	12 1.7	
		03.06- 08.12	115370	14 110		03.06- 08.12	115311	12 2.0	
		03.06- 08.12	115433	14 140		Direct shift 03.06- 08.12	115333	12 1.0	
		03.06- 08.12	116036	14 140		03.06- 08.12	116720	12 1.4	
		03.06- 08.12	116452	14 140		A25 03.06- 08.12	115944	12 1.7	
	[CRBC]	08.12-	115898	14 140		08.12-	115508	12 1.7	A49
		05.13-	116373	14 140		05.13-	116097	12 2.0	
		05.13-	116717	14 140		AT, 5 Speed 05.13-	115523	12 2.3	
	[CRBD]	05.13-	115898	14 140		05.13-	115508	12 1.7	A49
		05.13- 08.16	116717	14 140		A25 05.13- 08.16	115818	12 1.1	
						AT 09.13-	115523	12 2.3	
	[CRFA]	01.13-	115898	14 140		01.13-	115504	12 1.1	A49
		01.13- 08.16	116717	14 140		A25 01.13- 08.16	115818	12 1.1	
						05.13-	115508	12 1.7	A49
						AT 05.13-	115523	12 2.3	
	[CRFC]	08.12-	115898	14 140		08.12-	115504	12 1.1	A49
		09.12-	116717	14 140		09.12-	115818	12 1.1	
					PR-no. 7L3 10.13-	114299	12 1.7		
					10.13-	115696	12 1.1		
[CRLB]	08.12-	115898	14 140		08.12-	115504	12 1.1	A49	
	05.13-	116373	14 140		05.13-	115508	12 1.7	A49	
	05.13-	116717	14 140		05.13-	116097	12 2.0		
					05.13-	115696	12 1.1		
[CRLC]	05.13-	115898	14 140		05.13-	114163	12 1.1		
	05.13- 08.16	116717	14 140		05.13- 08.16	115638	12 1.7		
[CRUA]	08.12-	115898	14 140		08.12-	114175	12 1.1		
	05.13-	116373	14 140		05.13-	116097	12 2.0		
	05.13-	116717	14 140		05.13-	115634	12 1.8		
[CUNA]	12.12-	115898	14 140		12.12-	115504	12 1.1	A49	
	05.13- 08.16	116717	14 140		A25 05.13- 08.16	115818	12 1.1		
					05.14-	114163	12 1.1		
					05.14-	114176	12 1.0		
					05.14-	115634	12 1.8		
					05.14-	115638	12 1.7		
	[AZV]	05.03-	113992	14 140		05.03-	113773	12 1.1	
		05.03- 06.08	115370	14 110		A25 05.03- 06.08	115402	12 1.8	
	[BMM]	01.06-	113992	14 140		AT 01.06-	113773	12 1.1	
		01.06- 06.08	115370	14 110		A25 01.06- 06.08	115402	12 1.8	
	[BMN]	03.06-	113992	14 140		03.06-	113773	12 1.1	
		03.06- 08.12	115370	14 110		A25 03.06- 08.12	115402	12 1.8	
		03.06- 08.12	115433	14 140		03.06- 08.12	115311	12 2.0	
		03.06- 08.12	116036	14 140		03.06- 08.12	114163	12 1.1	
		03.06- 08.12	116452	14 140		03.06- 08.12	115944	12 1.7	
	[CBBB]	03.06- 08.12	113992	14 140		03.06- 08.12	113841	12 1.7	
		03.06- 08.12	115370	14 110		03.06- 08.12	115311	12 2.0	
		03.06- 08.12	115433	14 140	Direct shift	03.06- 08.12	115333	12 1.0	
		03.06- 08.12	116036	14 140		03.06- 08.12	116720	12 1.4	
		03.06- 08.12	116452	14 140		03.06- 08.12	115945	12 1.4	
	[CFGB]	03.06- 08.12	113992	14 140		03.06- 08.12	113841	12 1.7	
		03.06- 08.12	115370	14 110		03.06- 08.12	115311	12 2.0	
		03.06- 08.12	115433	14 140	Direct shift	03.06- 08.12	115333	12 1.0	
		03.06- 08.12	116036	14 140		03.06- 08.12	116720	12 1.4	
		03.06- 08.12	116452	14 140		03.06- 08.12	115945	12 1.4	
	[CRBC]	10.12-	115898	14 140		10.12-	115504	12 1.1	A49
		10.12-	116717	14 140		10.12-	115818	12 1.1	
						10.13-	115508	12 1.7	A49
						10.13-	115696	12 1.1	
	[CRLB]	10.13-	115898	14 140		10.13-	114176	12 1.0	
		10.13-	116717	14 140		10.13-	115634	12 1.8	
						03.14-	114163	12 1.1	
						03.14-	115638	12 1.7	
	[CUNA]	12.12-	115898	14 140		12.12-	115504	12 1.1	A49
		12.12-	116717	14 140		A25 12.12-	115818	12 1.1	
						05.14-	114163	12 1.1	
						05.14- 07.18	115634	12 1.8	
						05.14-	115638	12 1.7	



AUDI Continued

A3 2.0 TDi Quattro Sportback	[CRBC]	01.13- 02.13-	115898 116717	14 140 14 140		01.13- 02.13-	115508 115818	12 1.7 12 1.1	A49			
	[CRLB]	01.13- 02.13-	115898 116717	14 140 14 140		01.13- 02.13-	114176 115634	12 1.0 12 1.8				
	[CUNA]	11.12- 05.13- 07.18	115898 116717	14 140 14 140		11.12- 05.13- 07.18	115504 115818	12 1.1 12 1.1				
A3 2.0 TDi S3 Limousine	[DFGA]	07.18- 07.18-	116384 116647	14 180 14 140		07.18- 07.18-	115900 115818	12 1.1 12 1.1				
	[DJGA]	07.18- 07.19 07.18- 07.19	116384 116647	14 180 14 140		07.18- 07.19 07.18- 07.19	115900 115818	12 1.1 12 1.1				
A3 2.0 TDi Sportback	[AZV]	09.04- 09.04- 09.04- 03.13 09.04- 03.13 09.04- 03.13	113992 115370 115433 116036 116452	14 140 14 110 14 140 14 140 14 140		AT A25	09.04- 09.04- 09.04- 03.13 09.04- 03.13 09.04- 03.13	113773 115402 115311 114163 115900	12 1.1 12 1.8 12 2.0 12 1.1 12 1.1			
	[CBAA]	09.04- 03.13 09.04- 03.13 09.04- 03.13 09.04- 03.13 09.04- 03.13	113992 115370 115433 116036 116452	14 140 14 110 14 140 14 140 14 140		A25	09.04- 03.13 09.04- 03.13 09.04- 03.13 09.04- 03.13 09.04- 03.13	113841 115311 115336 116097 115818	12 1.7 12 2.0 12 2.2 12 2.0 12 1.1			
	[CFFA]	09.04- 03.13 09.04- 03.13 09.04- 03.13 09.04- 03.13 09.04- 03.13	113992 115370 115433 116036 116452	14 140 14 110 14 140 14 140 14 140		A25	09.04- 03.13 09.04- 03.13 09.04- 03.13 09.04- 03.13 09.04- 03.13	113842 115311 115336 116097 115818	12 1.7 12 2.0 12 2.2 12 2.0 12 1.1			
	[CRBC]	09.12- 09.12- 09.12-	115898 116373 116717	14 140 14 140 14 140		A25	09.12- 09.12- 09.12-	115504 116097 115818	12 1.1 12 2.0 12 1.1	A49		
	[CRFA]	05.13- 05.13-	115898 116717	14 140 14 140			05.13- 05.13-	114299 115696	12 1.7 12 1.1			
	[CRFC]	03.13- 03.13-	115898 116717	14 140 14 140			03.13- 03.13-	115504 115818	12 1.1 12 1.1	A49		
	[CRLB]	09.12- 09.12- 09.12-	115898 116373 116717	14 140 14 140 14 140			09.12- 09.12- 09.12-	115508 116097 115818	12 1.7 12 2.0 12 1.1	A49		
	[CRUA]	09.12- 09.12- 09.12-	115898 116373 116717	14 140 14 140 14 140			09.12- 09.12- 09.12-	114175 116097 115696	12 1.1 12 2.0 12 1.1			
	A3 2.0 TDi Sportback Quattro	[BMM]	06.05- 06.05- 06.08	113992 115370	14 140 14 110		AT	06.05- 06.05- 06.08	113773 115402	12 1.1 12 1.8		
		[BMN]	03.06- 03.06- 03.06- 03.13 03.06- 03.13 03.06- 03.13 03.06- 03.13	113992 115370 115433 115621 116036 116452	14 140 14 110 14 140 14 110 14 140 14 140		AT A25	03.06- 03.06- 03.06- 03.13 03.06- 03.13 03.06- 03.13 03.06- 03.13	113773 115402 115311 115336 114163 115944	12 1.1 12 1.8 12 2.0 12 2.2 12 1.1 12 1.7		
		[CBBB]	03.06- 03.13 03.06- 03.13 03.06- 03.13	113992 115370 115433	14 140 14 110 14 140	Direct shift gearbox (Double Clutch)		03.06- 03.13 03.06- 03.13 03.06- 03.13	113841 115311 115333	12 1.7 12 2.0 12 1.0		
			03.06- 03.13 03.06- 03.13 03.06- 03.13	115621 116036 116452	14 110 14 140 14 140	A25	03.06- 03.13 03.06- 03.13 03.06- 03.13	115336 116720 115818	12 2.2 12 1.4 12 1.1			
			03.06- 03.13 03.06- 03.13 03.06- 03.13	113992 115370 115433	14 140 14 110 14 140	Direct shift gearbox (Double Clutch)		03.06- 03.13 03.06- 03.13 03.06- 03.13	113841 115311 115333	12 1.7 12 2.0 12 1.0		
			03.06- 03.13 03.06- 03.13 03.06- 03.13	115621 116036 116452	14 110 14 140 14 140	A25	03.06- 03.13 03.06- 03.13 03.06- 03.13	115336 116720 115818	12 2.2 12 1.4 12 1.1			
		[CFGB]	03.06- 03.13 03.06- 03.13 03.06- 03.13	113992 115370 115433	14 140 14 110 14 140	Direct shift gearbox (Double Clutch)		03.06- 03.13 03.06- 03.13 03.06- 03.13	113841 115311 115333	12 1.7 12 2.0 12 1.0		
			03.06- 03.13 03.06- 03.13 03.06- 03.13	115621 116036 116452	14 110 14 140 14 140	A25	03.06- 03.13 03.06- 03.13 03.06- 03.13	115336 116720 115818	12 2.2 12 1.4 12 1.1			
		A3 2.0 TDi Sportsback	[CRBD]	05.13- 05.13-	115898 116717	14 140 14 140			05.13- 05.13-	115508 115818	12 1.7 12 1.1	A49
			[CRLC]	05.13- 05.13-	115898 116717	14 140 14 140			05.13- 05.13-	114163 115638	12 1.1 12 1.7	
			[CUNA]	05.13- 05.13-	115898 116717	14 140 14 140			05.13- 05.13-	115508 115523	12 1.7 12 2.3	A49
							AT, 5 Speed					
		A3 2.0 Quattro	[CJXD]	07.16-	116747	14 180			07.16-	115645	12 2.0	
			[CJXF]	05.14- 08.16	116747	14 180			05.14- 08.16	115638	12 1.7	
			[CJXG]	06.16-	116747	14 180			06.16-	115638	12 1.7	
			[DJHA]	06.16-	116747	14 180			06.16-	115638	12 1.7	
A3 2.0 Quattro Sportback	[DJHB]	07.16-	116747	14 180			07.16-	115645	12 2.0			
	[CJXF]	05.14-	116747	14 180			05.14-	115638	12 1.7			
	[CDLC]	07.08-	113992	14 140			07.08-	113841	12 1.7			
	[CJXG]	06.16-	116747	14 180			06.16-	115638	12 1.7			
A3 2.0 Sportback Quattro	[DJHA]	06.16-	116747	14 180			06.16-	115638	12 1.7			
A3 2.0 FSi	[AXW]	05.03-	113992	14 140			05.03-	113509	12 1.7			
	[BLR]	05.03- 06.08	113992	14 140			05.03- 06.08	113773	12 1.1			
	[BLX]	05.03- 06.08	113992	14 140			05.03- 06.08	113509	12 1.7			
	[BLY]	05.03- 06.08	113992	14 140			05.03- 06.08	113773	12 1.1			
	[BMB]	05.03- 06.08	113992	14 140			05.03- 06.08	113773	12 1.1			
	[BVY]	05.03-	113992	14 140			05.03-	113509	12 1.7			
	[BVZ]	05.03-	113992	14 140			05.03-	113773	12 1.1			
A3 2.0 FSi Sportback	[AXW]	09.04- 06.08	113992	14 140			09.04- 06.08	113842	12 1.7			
	[BLR]	09.04-	113992	14 140			09.04-	113773	12 1.1			
	[BLX]	09.04-	113992	14 140		AT	09.04-	113509	12 1.7			
	[BLY]	09.04-	113992	14 140			09.04-	113773	12 1.1			
	[BMB]	09.04-	113992	14 140			09.04-	113773	12 1.1			
	[BVY]	09.04-	113992	14 140			09.04-	113773	12 1.1			
	[BVZ]	09.04-	113992	14 140			09.04-	113773	12 1.1			
A3 2.0 TFSi	[AXX]	09.04-	113992	14 140			09.04-	113773	12 1.1			
	[BWA]	09.05-	113992	14 140			09.05-	113841	12 1.7			
	[CAWB]	02.08- 04.08- 05.13	113992 114722	14 140 14 140			02.08- 04.08- 05.13	113841 113842	12 1.7 12 1.7			
	[CCZA] [CZPB]	04.08- 05.13 05.16-	114722 116747	14 140 14 180			04.08- 05.13 05.16-	113842 115638	12 1.7 12 1.7			
A3 2.0 TFSi Quattro	[AXX]	09.04- 08.12	113992	14 140		AT	09.04- 08.12	113773	12 1.1			
	[BWA]	09.05- 08.12	113992	14 140			09.05- 08.12	113841	12 1.7			
	[CNTC]	05.14-	116747	14 180			05.14-	115638	12 1.7			



A3 2.0 TFSi S3 Limousine	[CZPB]	05.16-	116747	14 180		05.16-	115638	12 1.7
	[DKZA]	07.18-	116387	14 140		07.18-	115900	12 1.1
		07.18-	116747	14 180	A25	07.18-	115610	12 2.0
A3 2.0 TFSi Sportback	[AXX]	09.04- 10.05	113992	14 140		09.04- 10.05	113509	12 1.7
	[BWA]	11.05- 05.07	113992	14 140		11.05- 05.07	113841	12 1.7
	[CAWB]	09.05-	113992	14 140		09.05-	113841	12 1.7
A3 2.0 TFSi Sportback Quattro	[CZPB]	05.16-	116747	14 180		05.16-	115645	12 2.0
	[AXX]	09.04-	113992	14 140		09.04-	113509	12 1.7
	[BPY]	09.05-	113992	14 140		09.05-	113842	12 1.7
	[BWA]	09.05-	113992	14 140		09.05-	113841	12 1.7
	[CCZA]	07.08-	113992	14 140		07.08-	113841	12 1.7
	[CZPB]	05.16-	116747	14 180		05.16-	115638	12 1.7
A3 2.5 RS3 quattro Sportback	[CEPA]	04.11-	113992	14 140		04.11-	113841	12 1.7
A3 3.2 Quattro	[BMJ]	07.03-	113992	14 140		07.03-	113509	12 1.7
A3 3.2 V6 Quattro	[BDB]	07.03-	113992	14 140		07.03-	113509	12 1.7
	[BUB]	07.03- 05.09	113992	14 140		07.03- 05.09	113841	12 1.7
A3 3.2 V6 Sportback Quattro	[BMJ]	09.04-	113992	14 140	AT	09.04-	113509	12 1.7
	[BUB]	09.04- 05.09	113992	14 140		09.04- 05.09	113841	12 1.7
A3 / S3 Limousine 2.5 Quattro	[DAZA]					04.17-	115561	12 1.7
A3 Limousine 1.6 TDi	[DDYA]	03.17-	114322	14 140	A25	03.17-	115560	12 1.7
		03.17-	116717	14 140		03.17-	115610	12 2.0
					A25	03.17-	115634	12 1.8
A3 Limousine 2.0 Quattro	[CJXD]	08.16-	116747	14 180	A25	08.16-	115336	12 2.2
	[DJHB]	08.16-	116747	14 180		08.16-	115696	12 1.1
A3 Sportback 1.0 TFSi Sportback	[DKRF]	07.18-	116193	14 140	A25	07.18-	115560	12 1.7
		07.18-	116228	12 180		07.18-	115561	12 1.7
		07.18-	116229	12 180	A25	07.18-	115336	12 2.2
		07.18-	116298	14 140	AT	07.18-	116272	12 1.1
A3 Sportback 1.5 TFSi	[DADA]	05.17-	116228	12 180		05.17-	115560	12 1.7
		05.17-	116229	12 180	A25	05.17-	115336	12 2.2
		05.17-	116298	14 140	A25 and seatheating	05.17-	116272	12 1.1
A3 Sportback 1.5 TFSi Sportback	[DADA]	10.18-	116193	14 140		10.18-	115560	12 1.7
		10.18-	116228	12 180		10.18-	115402	12 1.8
		10.18-	116229	12 180		10.18-	116272	12 1.1
		10.18-	116298	14 140		10.18-	115696	12 1.1
A3 Sportback 1.6 TDi	[DDYA]	02.17-	114322	14 140	A25	02.17-	115560	12 1.7
		02.17-	116647	14 140		02.17-	115612	12 1.2
		02.17-	116717	14 140				
A3 Sportback 1.6 TDi Sportback	[DGTE]	07.18-	116384	14 180		07.18-	115696	12 1.1
		07.18-	116647	14 140				
A3 Sportback 2.0 TDi Sportback	[DFGA]	07.18-	116384	14 180	A25	07.18-	115634	12 1.8
		07.18-	116647	14 140				
	[DJGA]	07.18-	116384	14 180		07.18-	115634	12 1.8
		07.18-	116647	14 140				
A3 Sportback 2.0 Quattro	[CJXD]	07.16-	116747	14 180				
	[DJHB]	07.16-	116747	14 180				
A3 Sportback 2.0 TFSi Sportback	[DKZA]	07.18-	116387	14 140	A25 and seatheating	07.18-	115610	12 2.0
		07.18-	116747	14 180				
A4 1.6	[ADP]	11.94- 10.96	111478	14 90		11.94- 10.96	112443	12 1.8
		01.95- 07.00	113882	14 120		01.95- 07.00	115394	12 1.1
	[AHL]	11.94-	111478	14 90		01.99-	111694	12 1.8
		08.97-	112399	14 90		10.96- 07.97	112321	12 1.1
		01.99-	113283	14 120		11.94-	112443	12 1.8
		01.95- 07.00	113882	14 120		01.95- 07.00	115394	12 1.1
	[ALZ]	07.00- 09.01	112399	14 90		07.00- 09.01	112309	12 1.4
		07.00- 09.01	113283	14 120		07.00- 09.01	114094	12 2.2
		07.00- 09.01	113882	14 120		07.00- 11.00	111694	12 1.8
		11.00- 12.04	116172	14 150		07.00- 09.01	114837	12 1.2
		11.00- 12.04	116337	14 120		11.00- 12.04	116054	12 1.4
					A25	11.00- 12.04	115636	12 1.7
						09.01- 12.04	115947	12 1.1
	[ANA]	11.94-	111478	14 90		11.94-	112443	12 1.8
		08.98-	112399	14 90		01.95- 07.00	115394	12 1.1
		08.98-	113283	14 120	AT	03.96- 07.00	114177	12 2.0
		01.95- 07.00	113882	14 120		08.98-	112309	12 1.4
						08.98-	112321	12 1.1
A4 1.8					Chas. 8DS040001-	08.98-	114094	12 2.2
						01.99-	111694	12 1.8
	[ARM]	11.94-	111478	14 90		11.94-	112443	12 1.8
		08.98-	112399	14 90		01.95- 07.00	115394	12 1.1
		08.98-	113283	14 120	AT	03.96- 07.00	114177	12 2.0
		01.95- 07.00	113882	14 120		08.98-	112309	12 1.4
						08.98-	112321	12 1.1
						08.98-	114094	12 2.2
					AT	01.99-	111694	12 1.8
	[ADR]	11.94- 07.97	111478	14 90	AT	01.99-	111694	12 1.8
		08.97-	112399	14 90		11.94- 07.97	112321	12 1.1
		01.99-	113283	14 120		01.95-	112443	12 1.8
	[AFY]	04.95- 07.97	111478	14 90		01.99- 09.01	111694	12 1.8
		08.97- 09.01	112399	14 90		04.95- 07.97	112321	12 1.1
		01.99- 09.01	113283	14 120				
	[APT]	08.97-	112399	14 90		08.97-	112309	12 1.4
		01.99-	113283	14 120		01.99-	114094	12 2.2
	[ARG]	08.97-	112399	14 90		08.97-	112309	12 1.4
A4 1.8 Quattro		08.98- 07.99	113283	14 120		08.98- 07.99	114094	12 2.2
	[AVV]	06.00-	112399	14 90		06.00-	112309	12 1.4
		06.00-	113283	14 120		06.00-	114094	12 2.2
	[ADR]	11.94- 07.97	111478	14 90		01.99-	111694	12 1.8
		08.97-	112399	14 90		11.94- 12.98	112321	12 1.1
		01.99-	113283	14 120		11.94- 07.97	112443	12 1.8
	[AFY]	07.95- 07.97	111478	14 90		07.95- 07.97	112321	12 1.1
		08.97- 09.01	112399	14 90		08.97- 09.01	112309	12 1.4
		01.99- 09.01	113283	14 120	5 Speed	01.99- 09.01	111694	12 1.8
	[APT]	08.97-	112399	14 90		08.97-	112309	12 1.4
		01.99-	113283	14 120		01.99-	114094	12 2.2
						04.99-	114096	12 2.0
	[ARG]	08.97-	112399	14 90		08.97-	112309	12 1.4
		08.98-	113283	14 120		08.98-	114096	12 2.0
						01.99-	114094	12 2.2

AUDI Continued

A4 1.8 TFSi	[CABA]	01.08- 05.08	115367	14	140	01.08- 05.08	116344	12	1.4
		01.08- 12.15	116201	14	150	01.08- 12.15	115733	12	1.7
	[CABB]	11.07- 05.08	115367	14	140	11.07- 05.08	116412	12	1.7
				14	140	11.07-	116344	12	1.4
	[CAUA]	11.07- 05.08	115367	14	140	11.07- 05.08	116344	12	1.4
	[CCUA]	11.07-	115367	14	140	11.07-	116344	12	1.4
	[CDHA]	01.08- 12.15	116201	14	150	01.08- 12.15	115733	12	1.7
		06.08-	115367	14	140	06.08-	116344	12	1.4
	[CDHB]	11.07-	115367	14	140	11.07-	116412	12	1.7
						05.08-	116344	12	1.4
A4 1.8 TFSi Quattro	[CJEB]	11.11- 12.15	116201	14	150	11.11- 12.15	115733	12	1.7
	[CDHB]	09.08-	115367	14	140	09.08-	116344	12	1.4
	[CJEB]	11.11- 12.15	116201	14	150	11.11- 12.15	115733	12	1.7
A4 1.8 Turbo	[AEB]	11.94- 07.97	111478	14	90	11.94- 07.97	112443	12	1.8
						10.95- 07.97	112321	12	1.1
						01.99-	111694	12	1.8
	[AJL]	08.97- 12.98	111478	14	90	08.97- 12.98	112321	12	1.1
		01.99-	112399	14	90				
		01.99-	113283	14	120				
	[AMB]	07.01- 12.04	116337	14	120	A25 07.01- 12.04	115636	12	1.7
	[ANB]	05.99-	112399	14	90	05.99-	112309	12	1.4
						05.99-	112321	12	1.1
		05.99-	113283	14	120	05.99-	111694	12	1.8
						05.99-	114096	12	2.0
	[APU]	11.94- 07.97	111478	14	90	11.94- 07.97	112443	12	1.8
		08.98-	112399	14	90	08.98-	112309	12	1.4
		08.98-	113283	14	120	08.98-	112321	12	1.1
						08.98-	114096	12	2.0
						AT 01.99-	111694	12	1.8
	[ARK]	08.98- 07.99	112399	14	90	08.98- 07.99	112321	12	1.1
		08.98- 07.99	113283	14	120	08.98- 12.98	112309	12	1.4
						AT 08.98- 07.99	111694	12	1.8
						08.98- 12.98	114094	12	2.2
	[AVJ]	11.00- 07.02	113882	14	120	11.00- 07.02	114837	12	1.2
		11.00- 07.02	116172	14	150	11.00- 07.02	116054	12	1.4
		11.00- 07.02	116337	14	120	A25 11.00- 07.02	115636	12	1.7
						AT 09.01- 07.02	114177	12	2.0
						09.01- 07.02	115947	12	1.1
	[AWT]	06.00-	112399	14	90	06.00-	112321	12	1.1
		06.00-	113283	14	120	06.00-	111694	12	1.8
						06.00-	114096	12	2.0
						08.00-	112309	12	1.4
	[BEX]	11.02- 12.04	116172	14	150	11.02- 12.04	115947	12	1.1
		11.02- 12.04	116337	14	120	A25 11.02- 12.04	115636	12	1.7
	[BFB]	07.02- 12.04	116172	14	150	07.02- 12.04	115947	12	1.1
		07.02- 12.04	116337	14	120	A25 07.02- 12.04	115636	12	1.7
	[BKB]	07.02- 12.04	116172	14	150	07.02- 12.04	115948	12	2.2
		07.02- 12.04	116337	14	120	A25 07.02- 12.04	115636	12	1.7
A4 1.8 Turbo Quattro	[AEB]	10.95- 07.97	111478	14	90	10.95- 07.97	112321	12	1.1
						02.96- 07.98	112443	12	1.8
						01.99-	111694	12	1.8
	[AJL]	08.97- 12.98	111478	14	90	08.97- 12.98	112321	12	1.1
		01.99-	112399	14	90				
		01.99-	113283	14	120				
	[AMB]	07.01- 12.04	116337	14	120	A25 07.01- 12.04	115636	12	1.7
	[ANB]	07.99-	112399	14	90	07.99-	112309	12	1.4
						07.99-	112321	12	1.1
		07.99-	113283	14	120	07.99-	111694	12	1.8
						07.99-	114096	12	2.0
	[APU]	02.96- 07.98	111478	14	90	02.96- 07.98	112443	12	1.8
		02.99-	112399	14	90	02.99-	112309	12	1.4
		02.99-	113283	14	120	02.99-	112321	12	1.1
						02.99-	111694	12	1.8
						02.99-	114096	12	2.0
	[ARK]	01.99-	112399	14	90	01.99-	112309	12	1.4
		01.99-	113283	14	120	01.99-	114096	12	2.0
						02.99- 07.99	112321	12	1.1
						02.99- 07.99	111694	12	1.8
	[AVJ]	11.00- 07.02	116172	14	150	11.00- 07.02	116054	12	1.4
		11.00- 07.02	116337	14	120	A25 11.00- 07.02	115636	12	1.7
						09.01- 07.02	115947	12	1.1
	[AWT]	06.00-	112399	14	90	06.00-	112309	12	1.4
		06.00-	113283	14	120	06.00-	112321	12	1.1
						06.00-	111694	12	1.8
						06.00-	114096	12	2.0
	[BEX]	11.02- 12.04	116172	14	150	11.02- 12.04	115947	12	1.1
		11.02- 12.04	116337	14	120	A25 11.02- 12.04	115636	12	1.7
	[BFB]	04.02- 12.05	116172	14	150	04.02- 12.05	115947	12	1.1
		04.02- 12.05	116337	14	120	A25 04.02- 12.05	115636	12	1.7
A4 1.9 Hybrid Duo	[AHU]	02.99- 11.00	112397	14	120	02.99- 11.00	112321	12	1.1
A4 1.9 Diesel	[AFF]	03.96- 06.00	112396	14	90	03.96- 06.00	112321	12	1.1
		03.96- 06.00	112397	14	120				
A4 1.9 TDi	[1Z]	01.99-	112396	14	90	01.99-	112321	12	1.1
		01.99-	112397	14	120				
	[AFN]	02.96-	112396	14	90	02.96-	112321	12	1.1
		02.96-	112397	14	120	02.96- 07.99	115394	12	1.1
		02.96- 07.99	113770	14	120				
	[AHH]	01.95- 11.00	112396	14	90	04.97-	111995	12	2.0
		01.95- 11.00	112397	14	120	01.95- 11.00	112321	12	1.1
		04.97-	112806	14	120				
	[AHU]	08.96- 07.98	112002	14	120 A47	08.96- 07.98	112321	12	1.1
		08.96-	112396	14	90	08.96- 07.98	116412	12	1.7
		08.96-	112397	14	120				
		08.96- 07.98	115483	14	120 A49				
	[AJM]	01.98- 11.00	113770	14	120	01.98- 11.00	115394	12	1.1
		08.98-	112396	14	90	08.98-	112321	12	1.1
		01.99-	112397	14	120				
	[AVB]	05.01-	113252	14	140	05.01-	111694	12	1.8
		05.01- 12.04	115763	14	150	05.01- 12.04	116344	12	1.4
		11.01-	112397	14	120	11.01-	112321	12	1.1
		11.01- 12.04	113882	14	120	11.01- 12.04	114177	12	2.0



A4 1.9 TDi Quattro	[AVF]	11.00- 12.04 04.01- 04.01- 12.04 04.01- 12.04	113882 113252 113992 115763	14 120 14 140 14 140 14 150		11.00- 12.04 04.01- 04.01- 12.04 04.01- 12.04	114837 111694 114177 116344	12 1.2 12 1.8 12 2.0 12 1.4
	[AVG]	08.99- 08.99-	112396 112397	14 90 14 120		08.99-	112321	12 1.1
	[AWX]	11.00- 12.04 11.00- 12.04 09.01-	113882 115763 113252	14 120 14 150 14 140		11.00- 12.04 11.00- 12.04 09.01-	114177 116344 111694	12 2.0 12 1.4 12 1.8
	[BKE]	06.04- 12.04 11.04-	113992 115763	14 140 14 150	AT	06.04- 12.04 11.04-	114177 116344	12 2.0 12 1.4
	[BRB]	11.04- 11.04-	113992 115763	14 140 14 150		11.04- 11.04-	114179 116344	12 1.2 12 1.4
	[AJM]	03.00- 09.01 12.98- 01.99-	113770 112396 112397	14 120 14 90 14 120		03.00- 09.01 12.98- 11.00-	115394 112321	12 1.1 12 1.1
	[ATJ]	01.00- 01.00-	112396 112397	14 90 14 120		01.00-	112321	12 1.1
	[AVF]	09.01- 12.04 11.01- 11.01-	115763 112397 113252	14 150 14 120 14 140	Chas. -8E-5-030000	09.01- 12.04 11.01- 11.01-	116344 112321 111694	12 1.4 12 1.1 12 1.8
	[AVG]	08.99- 06.00 08.99-	112396 112397	14 90 14 120		08.99- 06.00	112321	12 1.1
	[BLB]	11.04-	113992	14 140	Chas. 8E-5-030001-	11.04-	114179	12 1.2
	[BRE]	11.04-	113992	14 140	AT	11.04-	114177	12 2.0
					Chas. 8E-5-030001-	11.04-	114179	12 1.2
	[BNA]	11.04- 10.05	113992	14 140	AT	11.04- 10.05	114177	12 2.0
					Chas. 8E-5-030001-	11.04- 10.05	114179	12 1.2
	[BPW]	11.04-	113992	14 140	Chas. 8E-5-030001-	11.04-	114179	12 1.2
A4 2.0 TDi	[BRC]	01.06-	113992	14 140	AT	01.06-	114179	12 1.2
	[BRD]	06.06-	113992	14 140	Chas. 8E-5-030001-	06.06-	114179	12 1.2
	[BRF]	11.05-	113992	14 140	AT	11.05-	114179	12 1.2
	[BVA]	06.06-	113992	14 140	Chas. 8E-5-030001-	06.06-	114179	12 1.2
	[BVG]	09.05- 09.06	113992	14 140	Chas. 8E-5-030001-	09.05- 09.06	114179	12 1.2
	[CAGA]	11.07- 11.07- 11.07- 11.07- 11.07- 12.15	114322 115901 116146 116380 116717	14 140 14 150 14 200 14 140 14 140	AT A25	11.07- 11.07- 11.07- 11.07- 11.07-	114179 115635 115636 116344	12 1.2 12 1.7 12 1.7 12 1.4
	[CAGB]	11.07- 11.07- 11.07- 11.07- 11.07- 12.15 11.07- 12.15	114322 115901 116146 116380 116717 116719	14 140 14 150 14 200 14 140 14 140 14 180	AT	11.07- 11.07- 11.07- 11.07- 11.07-	114179 115635 115636 116344	12 1.2 12 1.7 12 1.7 12 1.4
	[CAGC]	06.08- 06.08- 06.08- 06.08- 12.15 06.08-	114322 115901 116146 116717 116380	14 140 14 150 14 200 14 140 14 140	AT A25	06.08- 06.08- 06.08- 06.08- 06.08-	114179 116344 115635 115636	12 1.2 12 1.4 12 1.7 12 1.7
	[CAHA]	01.08- 01.08- 01.08- 03.12	114322 116380 116717	14 140 14 140 14 140		01.08- A25 01.08-	114179 115636	12 1.2 12 1.7
	[CAHB]	08.08- 08.08- 08.08- 08.08- 12.15 08.08- 12.15 08.08-	114322 115901 116146 116717 116719 116380	14 140 14 150 14 200 14 140 14 180 14 140	Chas. 8E-5-030001- A25	08.08- 08.08- 08.08- 08.08- 08.08-	114179 116344 115635 115636	12 1.2 12 1.4 12 1.7 12 1.7
	[CGLC]	11.11- 11.11- 11.11- 12.15	115901 116146 116717	14 150 14 200 14 140		11.11- 11.11- 11.11-	116054 116344 115635	12 1.4 12 1.4 12 1.7
	[CGLD]	08.08- 08.08- 08.08- 08.08- 08.08- 12.15 08.08- 12.15	114322 115901 116146 116380 116717 116719	14 140 14 150 14 200 14 140 14 140 14 180		08.08- 08.08- 08.08- 08.08-	114171 114179 116344 115635	12 1.7 12 1.2 12 1.4 12 1.7
	[CJCA]	11.07- 11.07- 11.07- 11.07- 11.07- 12.15	114322 115901 116146 116380 116717	14 140 14 150 14 200 14 140 14 140	A25	11.07- 11.07- 11.07- 11.07-	114179 115635 115636 116344	12 1.2 12 1.7 12 1.7 12 1.4
	[CJCB]	11.07- 11.07- 11.07- 11.07- 12.15 11.07- 12.15 11.07-	114322 115901 116146 116717 116719 116380	14 140 14 150 14 200 14 140 14 180 14 140	AT	11.07- 11.07- 11.07-	114179 116344 115635	12 1.2 12 1.4 12 1.7
	[CJCC]	06.08- 06.08- 06.08- 06.08- 12.15 06.08-	114322 115901 116146 116717 116380	14 140 14 150 14 200 14 140 14 140	Chas. 8E-5-030001-	06.08- 06.08- 06.08- 06.08-	114179 116344 115635 115636	12 1.2 12 1.4 12 1.7 12 1.7
	[CJCD]	05.13- 05.13- 05.13- 12.15	115901 116146 116719	14 150 14 200 14 180		05.13- 05.13-	116054 115635	12 1.4 12 1.7
	[CMEA]	11.07- 11.07- 11.07- 11.07- 12.15 11.07-	114322 115901 116146 116717 116380	14 140 14 150 14 200 14 140 14 140	AT	11.07- 11.07- 11.07-	114179 116344 115635	12 1.2 12 1.4 12 1.7
	[CMFA]	11.07- 11.07- 11.07- 11.07- 11.07- 12.15	114322 115901 116146 116380 116717	14 140 14 150 14 200 14 140 14 140	AT	11.07- 11.07- 11.07- 11.07-	114179 115635 115636 116344	12 1.2 12 1.7 12 1.7 12 1.4



	[CMFB]	05.13- 05.13- 05.13- 12.15	115901 116146 116719	14 150 14 200 14 180		05.13- 05.13- 05.13-	116338 115635	12 1.7 12 1.7			
	[CMGB]	11.11- 11.11- 11.11- 12.15	115901 116146 116717	14 150 14 200 14 140		11.11- 11.11- 11.11-	116344 115635	12 1.4 12 1.7			
	[CNHA]	09.13- 12.15	116719	14 180							
	[CNHC]	08.08- 08.08- 08.08- 08.08- 08.08- 12.15 08.08- 12.15	114322 115901 116146 116380 116717 116719	14 140 14 150 14 200 14 140 14 140 14 180		08.08- 08.08- 08.08- 08.08-	116505 116054 115635	12 1.7 12 1.4 12 1.7	A49		
	[CSUA]	05.13- 05.13- 05.13- 12.15	115901 116146 116719	14 150 14 200 14 180	A25	05.13- 05.13- 05.13-	116054 115636 115635	12 1.4 12 1.7 12 1.7	A49		
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	[DETA,DESA]	AC 05.15-	116195	14 180		05.15- 08.15-	115948 115733	12 2.2 12 1.7			
	[DEUA]	AC 08.15-	116195	14 180		08.15- 08.15-	115733 115948	12 1.7 12 2.2			
	[DEUC]	AC 05.16- 09.19	116195	14 180		05.16- 09.19 05.16-	115948 115733	12 2.2 12 1.7			
	A4 2.0 TDi Quattro	[BPW]	01.06-	113992	14 140	Chas. 8E-5-030001-	01.06-	114179	12 1.2		
		[BRD]	06.06-	113992	14 140	Chas. 8E-5-030001-	06.06-	114179	12 1.2		
		[BVA]	06.06-	113992	14 140		06.06-	114179	12 1.2		
		[CAGA]	04.08- 04.08- 04.08- 04.08- 12.15 04.08-	114322 115901 116146 116717 116380	14 140 14 150 14 200 14 140 14 140		04.08- 04.08- 04.08- 04.08-	114171 116344 115635	12 1.7 12 1.4 12 1.7	A49	
		[CAGB]	09.09- 09.09- 09.09- 09.09- 05.16 09.09- 05.16 09.09-	114322 115901 116146 116717 116719 116380	14 140 14 150 14 200 14 140 14 180 14 140		09.09- 09.09- 09.09- 09.09- 09.09-	114171 116344 115635	12 1.7 12 1.4 12 1.7	A49	
		[CAHA]	01.08- 01.08- 01.08- 03.12	114322 116380 116717	14 140 14 140 14 140	A25	01.08- 01.08- 01.08-	114179 115636	12 1.2 12 1.7		
		[CAHB]	04.09- 04.09- 04.09- 04.09- 05.16 04.09- 05.16 04.09-	114322 115901 116146 116717 116719 116380	14 140 14 150 14 200 14 140 14 180 14 140		04.09- 04.09- 04.09- 04.09- 04.09-	116505 116338 115635	12 1.7 12 1.7 12 1.7		
		[CGLC]	11.11- 11.11- 11.11- 12.15	115901 116146 116717	14 150 14 200 14 140		11.11- 11.11- 11.11-	116344 115635	12 1.4 12 1.7		
		[CGLD]	04.09- 04.09- 04.09- 04.09- 05.16 04.09- 05.16 04.09-	114322 115901 116146 116717 116719 116380	14 140 14 150 14 200 14 140 14 180 14 140	AT	04.09- 04.09- 04.09- 04.09- 04.09-	114179 116344 115635 115636	12 1.2 12 1.4 12 1.7 12 1.7		
		[CJCA]	04.08- 04.08- 04.08- 04.08- 12.15	114322 115901 116146 116380 116717	14 140 14 150 14 200 14 140 14 140	AT	04.08- 04.08- 04.08- 04.08-	114179 115635 115636 116344	12 1.2 12 1.7 12 1.7 12 1.4		
		[CJCB]	09.09- 09.09- 09.09- 09.09- 05.16 09.09- 05.16 09.09-	114322 115901 116146 116717 116719 116380	14 140 14 150 14 200 14 140 14 180 14 140	AT	09.09- 09.09- 09.09- 09.09- 09.09-	114179 116344 115635 115636	12 1.2 12 1.4 12 1.7 12 1.7		
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[DETA]		AC 09.15-	116195	14 180		09.15- 10.15-	115948 115733	12 2.2 12 1.7			
A4 2.0 TDi Quattro Allroad		[CGLC]	11.11- 11.11- 11.11- 05.16	115901 116146 116717	14 150 14 200 14 140		11.11- 11.11- 11.11-	116344 115635	12 1.4 12 1.7		
		A4 2.0	[ALT]	11.00- 12.04 11.00- 12.04 11.00- 12.04	113882 116172 116337	14 120 14 150 14 120	A25 AT	11.00- 12.04 11.00- 12.04 11.00- 12.04 09.01- 12.04 09.01- 12.04 09.04- 12.05	114837 116054 115636 114177 115947 115948	12 1.2 12 1.4 12 1.7 12 2.0 12 1.1 12 2.2	
			A4 2.0 FSi	[AWA]	07.02- 12.04 07.02- 12.04 07.02- 12.04	113882 116172 116337	14 120 14 150 14 120	AT A25	07.02- 12.04 07.02- 12.04 07.02- 12.04	114177 115947 115636	12 2.0 12 1.1 12 1.7
[BYK]				10.06- 10.06-	114722 116172	14 140 14 150	A25	10.06- 10.06-	116486 115948	12 1.7 12 2.2	
A4 2.0 TFSi				[BGB]	11.04- 11.04-	114722 116172	14 140 14 150	A25	11.04- 11.04- 11.04- 11.04-	116486 116505 115947 115948	12 1.7 12 1.7 12 1.1 12 2.2



	[BPG]	11.04- 11.04-	114722 116172	14 140 14 150	A25	11.04- 11.04-	116486 115948	12 1.7 12 2.2
	[BUL]	06.05- 06.05-	114722 116172	14 140 14 150	A25	06.05- 06.05-	116486 115948	12 1.7 12 2.2
	[BWE]	11.04- 11.04-	114722 116172	14 140 14 150		11.04- 11.04-	116486 115948	12 1.7 12 2.2
	[BWT]	01.06- 01.06-	114722 116172	14 140 14 150		01.06- 01.06-	116412 115948	12 1.7 12 2.2
					A25	06.06-	116486	12 1.7
	[CADA]	06.08- 06.08- 05.13	115367 116201	14 140 14 150		06.08- 06.08- 05.13	116344 115733	12 1.4 12 1.7
	[CAEA]	06.08- 06.08- 12.15	115367 116201	14 140 14 150		06.08- 06.08- 12.15	116412 115733	12 1.7 12 1.7
	[CAEB]	06.08- 06.08- 05.13	115367 116201	14 140 14 150		06.08- 06.08- 05.13	116344 115635	12 1.4 12 1.7
						06.08- 05.13	115733	12 1.7
	[CAED]	05.13- 12.15	116201	14 150		05.13- 12.15	115733	12 1.7
	[CDNB]	06.08- 06.08- 12.15	115367 116201	14 140 14 150		06.08- 06.08- 12.15	116344 115733	12 1.4 12 1.7
	[CDNC]	06.08- 06.08- 05.13	115367 116201	14 140 14 150		06.08- 06.08- 05.13	116344 115733	12 1.4 12 1.7
	[CFKA]	06.08- 06.08- 12.15	115367 116201	14 140 14 150		06.08- 06.08- 12.15	116344 115635	12 1.4 12 1.7
						06.08- 12.15	115733	12 1.7
	[CNCD]	05.13- 12.15	116201	14 150		05.13- 12.15	115635	12 1.7
		10.05-	114722	14 140		10.05-	116412	12 1.7
		10.05-	116172	14 150		10.05-	115948	12 2.2
A4 2.0 TFSi Quattro	[BGB]	11.04- 11.04-	114722 116172	14 140 14 150	A25	11.04- 11.04- 11.04- 11.04-	116486 116505 115947 115948	12 1.7 12 1.7 12 1.1 12 2.2
	[BPG]	11.04- 11.04-	114722 116172	14 140 14 150	A25	11.04- 11.04-	116486 115948	12 1.7 12 2.2
	[BUL]	06.05- 06.05-	114722 116172	14 140 14 150	A25	06.05- 06.05-	116486 115948	12 1.7 12 2.2
	[BWE]	11.04- 11.04-	114722 116172	14 140 14 150	A25	11.04- 11.04-	116486 115948	12 1.7 12 2.2
	[BWT]	11.04- 06.06-	114722 116172	14 140 14 150	A25	11.04- 06.06-	116412 116486	12 1.7 12 2.2
						06.06-	115948	12 2.2
	[CAEB]	06.08- 06.08- 12.15	115367 116201	14 140 14 150		06.08- 06.08- 12.15	116344 115635	12 1.4 12 1.7
	[CAED]	05.13- 12.15	116201	14 150		05.13- 12.15	115733	12 1.7
	[CDNC]	06.08- 06.08- 12.15	115367 116201	14 140 14 150		06.08- 06.08- 12.15	116344 115733	12 1.4 12 1.7
	[CNCD]	05.13- 05.16	116201	14 150		05.13- 05.16 05.13- 12.15	115635 115733	12 1.7 12 1.7
	[CPMA]	06.08- 06.08- 12.15	115367 116201	14 140 14 150		06.08- 06.08- 12.15	116412 115733	12 1.7 12 1.7
						04.09-	116344	12 1.4
	[CPMB]	05.13- 12.15	116201	14 150		05.13- 12.15	115635	12 1.7
A4 2.4	[AGA]	03.97- 07.98	112806	14 120		03.97- 07.98	111995	12 2.0
	[AJG]	08.97- 07.98	112806	14 120		08.97- 07.98	111995	12 2.0
	[ALF]	03.97- 07.98	112806	14 120		03.97- 07.98	111995	12 2.0
	[AMM]	06.00- 10.00 04.01- 12.04 09.01-	112399 113751 113510	14 90 14 120 14 140		06.00- 10.00 04.01- 12.04 09.01- 04.02-	112309 115394 114096 115559	12 1.4 12 1.1 12 2.0 12 1.4
	[APS]	08.98- 07.99	112399	14 90	Chas. -8E-5-030000	08.98- 07.99	112321	12 1.1
	[ARJ]	08.98- 06.00	112399	14 90	Chas. -8E-5-030000	08.98- 06.00	112321	12 1.1
	[BDV]	09.01- 09.01- 12.04 09.01- 12.04	113510 113751 113882	14 140 14 120 14 120		09.01- 09.01- 12.04 09.01- 12.04	114096 115394 114177	12 2.0 12 1.1 12 2.0
					AT			
	[AGA]	03.97-	112806	14 120		03.97-	111995	12 2.0
	[ALF]	03.97-	112806	14 120		03.97-	111995	12 2.0
A4 2.4 Quattro	[AGA]	03.97-	112806	14 120		03.97-	111995	12 2.0
A4 2.4 30V Quattro	[ALF]	03.97-	112806	14 120		03.97-	111995	12 2.0
A4 2.5 TDi	[AFB]	09.97- 11.00	113758	14 120		09.97- 11.00	115394	12 1.1
	[AKN]	09.97- 11.00	113758	14 120		09.97- 11.00	115394	12 1.1
	[AYM]	08.01- 08.01- 07.02	113510 113882	14 140 14 120		08.01- 08.01- 07.02	114096 114837	12 2.0 12 1.2
					AT	09.01- 07.02	114177	12 2.0
	[BCZ]	08.02- 12.05	113510	14 140		08.02- 12.05	115559	12 1.4
	[BDG]	Chas. 8E-1-000001- 08.02- 12.05	113510	14 140		08.02- 12.05 11.04-	114096 115559	12 2.0 12 1.4
						11.04-	115559	12 1.4
	[BFC]	07.02-	113510	14 140		07.02- 07.02-	115394 115559	12 1.1 12 1.4
	[AKE]	11.00-	113510	14 140		11.00- 09.01-	114096 115559	12 2.0 12 1.4
A4 2.5 TDi Quattro	[BAU]	09.01-	113510	14 140		09.01-	115559	12 1.4
	[BDH]	09.01-	113510	14 140		09.01-	115559	12 1.4
A4 2.5 TDi S4	[AFB]	09.97- 09.01	113758	14 120		09.97- 09.01	115394	12 1.1
	[AKN]	09.97- 09.01	113758	14 120		09.97- 09.01	115394	12 1.1
A4 2.5 TDi S4 Quattro	[AFB]	09.97- 09.01	113758	14 120		09.97- 09.01	115394	12 1.1
	[AKN]	09.97- 09.01	113758	14 120		09.97- 09.01	115394	12 1.1
A4 2.6	[ABC]	01.95-	112806	14 120		01.95-	111694	12 1.8
A4 2.6 Quattro	[ABC]	01.95-	112806	14 120		01.95-	111694	12 1.8
A4 2.7 TDi	[BPP]	01.06-	115856	14 150		01.06-	116344	12 1.4
	[BSC]	11.05-	115856	14 150		11.05-	116344	12 1.4
	[CAMA]	11.07- 05.08 11.07- 05.08	114780 116354	14 140 A49 14 140		11.07- 05.08	116412	12 1.7
	[CAMB]	11.07- 11.07-	114780 116354	14 140 A49 14 140		11.07-	116412	12 1.7
	[CGKA]	04.08- 04.08-	114780 116354	14 140 A49 14 140		04.08-	116412	12 1.7
	[CGKB]	11.07- 11.07-	114780 116354	14 140 A49 14 140		11.07-	116412	12 1.7

AUDI Continued

A4 2.8	[APR]	08.98- 07.99	112806	14	120	08.98- 07.99	111995	12	2.0
		08.98- 06.00	113751	14	120	08.98- 06.00	115394	12	1.1
	[ACK]	03.96- 07.98	112806	14	120	03.96- 07.98	112309	12	1.4
		10.96-	113751	14	120	10.96-	115394	12	1.1
	[AHA]	03.96- 12.98	113751	14	120	03.96- 12.98	115394	12	1.1
		08.98- 07.99	112806	14	120	08.98- 07.99	111995	12	2.0
	[ALG]	10.96-	113751	14	120	10.96-	115394	12	1.1
		05.97-	112806	14	120	05.97-	112309	12	1.4
	[AMX]	05.00- 09.02	113751	14	120	05.00- 09.02	115394	12	1.1
		07.99- 10.00	112806	14	120	07.99- 10.00	112309	12	1.4
A4 2.8 Quattro	[AQD]	08.98- 07.99	112806	14	120	08.98- 07.99	111995	12	2.0
		08.98- 06.00	113751	14	120	08.98- 06.00	115394	12	1.1
	[AAH]	09.95- 09.96	112806	14	120	09.95- 09.96	111694	12	1.8
						03.96- 09.96	112309	12	1.4
	[APR]	02.99- 06.00	112806	14	120	02.99- 06.00	111995	12	2.0
	[ACK]	03.96-	112806	14	120	03.96-	111995	12	2.0
	[AHA]	03.96- 07.98	112806	14	120	03.96- 07.98	111995	12	2.0
					Chas. 8E-1-000001-	03.96- 07.98	111995	12	2.0
						03.96- 07.98	111694	12	1.8
	[ALG]	10.96-	112806	14	120	10.96-	111995	12	2.0
A4 3.0 TDi Quattro	[AMX]	06.00- 09.01	112806	14	120	06.00- 09.01	111995	12	2.0
	[AQD]	08.98- 06.00	112806	14	120	08.98- 06.00	111995	12	2.0
	[AAH]	11.94- 09.96	112806	14	120	11.94- 09.96	112309	12	1.4
						03.96- 09.96	111995	12	2.0
	[ASB]	10.05-	115856	14	150	10.05-	116344	12	1.4
	[BKN]	11.04-	115856	14	150	11.04-	116344	12	1.4
	[CAPA]	11.07- 04.08	114780	14	140 A49	11.07- 04.08	116412	12	1.7
		11.07- 04.08	116354	14	140				
		11.07- 04.08	116583	14	180				
	[CCLA]	11.07- 04.08	114780	14	140 A49	11.07- 04.08	116412	12	1.7
A4 3.0		11.07- 04.08	116354	14	140				
		11.07- 04.08	116583	14	180				
	[CCWA]	11.07- 04.08	114780	14	140 A49	11.07- 04.08	116412	12	1.7
		11.07- 04.08	116354	14	140				
		11.07- 04.08	116583	14	180				
	[CCWB]	06.08-	114780	14	140 A49	06.08-	116412	12	1.7
		06.08-	116354	14	140				
	[ASN]	11.00-	113510	14	140	11.00-	115559	12	1.4
		11.00- 12.04	113882	14	120	AT 11.00- 12.04	114177	12	2.0
		12.00- 12.04	113751	14	120	12.00- 12.04	115394	12	1.1
A4 3.0 Quattro						09.01-	114096	12	2.0
	[AVK]	11.00-	113510	14	140	11.00-	114096	12	2.0
	[BBJ]	04.01-	113510	14	140	04.01-	115559	12	1.4
		04.01- 12.04	113751	14	120	04.01- 12.04	115394	12	1.1
		04.01- 12.04	113882	14	120	AT 04.01- 12.04	114177	12	2.0
	[ASN]	11.00-	113510	14	140	11.00-	114096	12	2.0
		12.00- 12.04	113751	14	120	12.00- 12.04	115394	12	1.1
						06.03- 12.05	115559	12	1.4
	[AVK]	09.01-	113510	14	140	09.01-	114096	12	2.0
		09.01- 06.02	113751	14	120	09.01- 06.02	115394	12	1.1
A4 Allroad 2.0 TDi Quattro	[BBJ]	03.01- 12.04	113751	14	120	03.01- 12.04	115394	12	1.1
		04.01-	113510	14	140	04.01-	115559	12	1.4
	[DEUA]					11.16-	116412	12	1.7
	[DEUB]					11.16-	116412	12	1.7
	[DETA]					01.20-	116486	12	1.7
	[BFB]	01.06- 03.09	114722	14	140	01.06- 03.09	114179	12	1.2
		01.06- 03.09	116337	14	120	01.06- 03.09	116505	12	1.7
	[ASJ]	05.00- 09.01	113751	14	120	05.00- 09.01	116505	12	1.7
						05.00- 09.01	116344	12	1.4
	[AZR]	05.00- 09.01	113751	14	120	05.00- 09.01	115559	12	1.4
A4 RS4 2.7 Quattro						05.00- 09.01	116344	12	1.4
						09.05-	116505	12	1.7
	[BNS]					05.12-	116054	12	1.4 A49
	[CFSA]								
	[CABD]	10.07-	115367	14	140	10.07-	115394	12	1.1
		10.07- 01.17	116201	14	150	10.07- 01.17	116054	12	1.4 A49
						09.11- 03.16	115948	12	2.2
	[CDHB]	05.09-	115367	14	140	05.09-	115394	12	1.1
		09.09- 03.12	116201	14	150	09.09- 03.12	115948	12	2.2
	[CJEB]	10.07-	115367	14	140	10.07-	115394	12	1.1
A5 1.8 TFSi		10.07- 01.17	116201	14	150	10.07- 01.17	115948	12	2.2
	[CDHB]	11.09-	115367	14	140	11.09-	115394	12	1.1
	[CJEB]	08.11- 01.17	116201	14	150	08.11- 01.17	115948	12	2.2
	[CAHA]	08.08-	114322	14	140	08.08-	115559	12	1.4
		08.08- 03.12	116717	14	140	A25 08.08- 03.12	115636	12	1.7
		08.08-	116380	14	140	08.08-	115635	12	1.7
	[CAHB]	08.08-	114322	14	140	08.08-	115394	12	1.1
		08.08-	115901	14	150	08.08-	115635	12	1.7
		08.08-	116146	14	200	05.09-	115735	12	2.0
		08.08-	116380	14	140	08.08-	116054	12	1.4 A49
A5 2.0 TDi		08.08- 01.17	116717	14	140	A25 05.09-	116486	12	1.7
		08.08- 01.17	116719	14	180				
	[CGLC]	10.11-	115901	14	150	A25 10.11-	116486	12	1.7
		10.11-	116146	14	200	10.11-	115733	12	1.7
		10.11- 01.17	116717	14	140	A25 10.11- 01.17	115636	12	1.7
	[CGLD]	08.08-	114322	14	140	08.08-	115559	12	1.4
		08.08-	115901	14	150	08.08-	115635	12	1.7
		08.08-	116146	14	200	A25 08.08- 01.17	115636	12	1.7
		08.08-	116380	14	140	08.08-	115733	12	1.7
		08.08- 01.17	116717	14	140	A25 08.08-	116486	12	1.7
		08.08- 01.17	116719	14	180				
A5 2.0 TDi Quattro	[CJCA]	10.11-	115901	14	150	A25 10.11-	116486	12	1.7
		10.11-	116146	14	200	10.11-	115733	12	1.7
		10.11- 05.15	116717	14	140	A25 10.11- 05.15	115636	12	1.7
	[CJCD]	05.13-	115901	14	150	05.13-	116486	12	1.7
		05.13-	116146	14	200	05.13-	115635	12	1.7
		05.13- 01.17	116719	14	180				
	[CNHA]	09.13- 01.17	116719	14	180				
	[CZHA, DEUA]	05.17-	116195	14	180	05.17-	116054	12	1.4 A49
	[CAHA]	08.08-	114322	14	140	08.08-	115559	12	1.4
		08.08- 03.12	116717	14	140	A25 08.08- 03.12	115636	12	1.7
		08.08-	116380	14	140	08.08-	115635	12	1.7



	[CGLC]	12.11-	115901	14 150	A25	12.11-	116486	12 1.7	
		12.11-	116146	14 200		12.11-	115733	12 1.7	
		12.11- 01.17	116717	14 140					
						01.12-	115735	12 2.0	
A5 2.0 TDi Quattro Sportback	[CNHA]	09.13- 01.17	116719	14 180	A25	09.09-	115394	12 1.1	
		09.09-	114322	14 140		09.09- 03.12	115636	12 1.7	
	[CAHA]	09.09- 03.12	116717	14 140		09.09-	115635	12 1.7	
		09.09-	116380	14 140					
	[CGLC]	12.11-	115901	14 150	A25	12.11-	116486	12 1.7	
		12.11-	116146	14 200		12.11-	115735	12 2.0	
		12.11- 01.17	116717	14 140					
A5 2.0 TDi Sportback	[CAGA]	09.09-	114322	14 140	A25	09.09-	115394	12 1.1	
		09.09-	115901	14 150		09.09-	116486	12 1.7	
		09.09-	116146	14 200		09.09-	115635	12 1.7	
		09.09- 01.17	116717	14 140					
	[CAGB]	09.09-	116380	14 140	A25	09.09-	115394	12 1.1	
		09.09-	114322	14 140		09.09-	116486	12 1.7	
		09.09-	115901	14 150		09.09-	115635	12 1.7	
		09.09- 01.17	116717	14 140					
	[CAHB]	09.09-	116380	14 140	A25	09.09-	115394	12 1.1	
		09.09-	114322	14 140		09.09-	116486	12 1.7	
		09.09-	115901	14 150		09.09-	115635	12 1.7	
		09.09- 01.17	116717	14 140					
	[CGLC]	09.09- 01.17	116719	14 180	A25	09.09-	115394	12 1.1	
		09.09-	116380	14 140		09.09-	116486	12 1.7	
		10.11-	115901	14 150		09.09-	115635	12 1.7	
		10.11-	116146	14 200					
	[CGLD]	10.11- 01.17	116717	14 140	A25	10.11-	116486	12 1.7	
		09.09-	114322	14 140		10.11-	115733	12 1.7	
		09.09-	115901	14 150		10.11- 01.17	115636	12 1.7	
		09.09-	116146	14 200					
	[CJCA]	09.09- 01.17	116717	14 140	A25	09.09-	115394	12 1.1	
		09.09-	116380	14 140		09.09-	116486	12 1.7	
		09.09-	114322	14 140		09.09-	115733	12 1.7	
		09.09-	115901	14 150		09.09- 01.17	115636	12 1.7	
	[CJCB]	09.09-	116380	14 140	A25	09.09-	115635	12 1.7	
		09.09-	114322	14 140		09.09-	115394	12 1.1	
		09.09-	115901	14 150		09.09-	116486	12 1.7	
		09.09-	116146	14 200		09.09-	115733	12 1.7	
	[CJCD]	09.09- 01.17	116717	14 140	A25	09.09- 01.17	115636	12 1.7	
		09.09-	116380	14 140		09.09-	115635	12 1.7	
		05.13-	115901	14 150		05.13-	116054	12 1.4	
		05.13-	116146	14 200		05.13-	115635	12 1.7	
	[CMEA]	05.13- 01.17	116719	14 180	A25	09.09-	115394	12 1.1	
		09.09-	114322	14 140		09.09-	116486	12 1.7	
		09.09-	115901	14 150		09.09-	115635	12 1.7	
		09.09-	116146	14 200					
	[CMFA]	09.09- 01.17	116717	14 140	A25	09.09-	115394	12 1.1	
		09.09-	116380	14 140		09.09-	116486	12 1.7	
		09.09-	114322	14 140		09.09-	115635	12 1.7	
		09.09-	115901	14 150		09.09- 01.17	115636	12 1.7	
A5 2.0 TDi Sportback Quattro	[CNHA]	09.09-	116380	14 140	A25	09.09-	115635	12 1.7	
		09.09-	114322	14 140		09.09-	115394	12 1.1	
		09.09-	115901	14 150		09.09-	116486	12 1.7	
		09.09- 01.17	116717	14 140		09.09-	115635	12 1.7	
A5 2.0 TFSi	[CAEB]	09.09-	116380	14 140	A25	09.09-	115635	12 1.7	
		09.13- 01.17	116719	14 180		09.09-	115394	12 1.1	
		09.13- 01.17	116719	14 180		09.09-	116486	12 1.7	
		03.09-	115367	14 140		09.09- 01.17	115636	12 1.7	
	[CAED]	03.09- 06.14	116201	14 150	A25	09.09-	115635	12 1.7	
		05.13- 12.14	116201	14 150		09.09-	115394	12 1.1	
		11.08-	115367	14 140		09.09- 06.14	115948	12 2.2	
		11.08- 03.12	116201	14 150		09.09- 06.14	115948	12 2.2	
	[CDNB]	09.09- 06.14	115948	12 2.2	A25	09.09-	115635	12 1.7	
		06.08-	115367	14 140		09.09-	115394	12 1.1	
		06.08- 11.13	116201	14 150		09.09- 11.13	115948	12 2.2	
		06.08-	115367	14 140		09.09- 11.13	115948	12 2.2	
	[CDNC]	06.08- 11.13	116201	14 150	A25	09.09-	115635	12 1.7	
		05.13- 05.16	116201	14 150		09.09-	115394	12 1.1	
		06.08-	115367	14 140		09.09- 05.16	115948	12 2.2	
		06.08- 01.17	116201	14 150		09.09- 05.16	115948	12 2.2	
A5 2.0 TFSi Quattro	[CAEB]	06.08-	115367	14 140	A25	09.09-	115635	12 1.7	
		06.08- 01.17	116201	14 150		09.09-	115394	12 1.1	
		03.12- 01.17	116201	14 150		09.09- 01.17	115636	12 1.7	
		06.08-	115367	14 140		09.09- 01.17	115635	12 1.7	
	[CDNC]	06.08- 01.17	116201	14 150	A25	09.09-	115635	12 1.7	
		05.13- 05.16	116201	14 150		09.09-	115394	12 1.1	
		06.08-	115367	14 140		09.09- 05.16	115948	12 2.2	
		06.08- 01.17	116201	14 150		09.09- 05.16	115948	12 2.2	
A5 2.0 TFSi Quattro Sportback	[CPMB]	03.12- 01.17	116201	14 150	A25	09.09-	115635	12 1.7	
		05.13- 05.16	116201	14 150		09.09-	115394	12 1.1	
		09.09-	115367	14 140		09.09- 05.16	115948	12 2.2	
		09.09- 11.13	116201	14 150		09.09- 05.16	115948	12 2.2	
A5 2.0 TFSi Sportback	[CDNC]	09.09-	115367	14 140	A25	09.09-	115635	12 1.7	
		09.09- 11.13	116201	14 150		09.09-	115394	12 1.1	
		05.13- 05.16	116201	14 150		09.09- 05.16	115948	12 2.2	
		09.09-	115367	14 140		09.09- 05.16	115948	12 2.2	
A5 2.0 TFSi Sportback Quattro	[CDNC]	09.09-	115367	14 140	A25	09.09-	115635	12 1.7	
		09.09- 01.17	116201	14 150		09.09-	115394	12 1.1	
		06.07- 05.08	114780	14 140 A49		06.07- 05.08	115635	12 1.7	
		06.07- 05.08	116354	14 140		06.07- 05.08	115635	12 1.7	
A5 2.7 TDi	[CAMA]	09.07-	114780	14 140 A49	A25	09.07-	115394	12 1.1	
		09.07-	116354	14 140		09.07-	115636	12 1.7	
		05.08-	114780	14 140 A49		05.08-	115394	12 1.1	
		05.08-	116354	14 140		05.08-	115636	12 1.7	
	[CGKA]	09.07-	114780	14 140 A49	A25	09.07-	115394	12 1.1	
		09.07-	116354	14 140		09.07-	115636	12 1.7	
		09.07-	114780	14 140 A49		09.07-	115394	12 1.1	
		09.07-	116354	14 140		09.07-	115636	12 1.7	
A5 2.7 TDi Sportback	[CGKB]	09.07-	114780	14 140 A49	A25	09.07-	115394	12 1.1	
		09.07-	116354	14 140		09.07-	115636	12 1.7	
		09.09-	114780	14 140 A49		09.09-	115394	12 1.1	
		09.09-	116354	14 140		09.09-	115636	12 1.7	
A5 3.0 TDi Quattro	[CAPA]	06.07- 05.08	114780	14 140 A49	A25	06.07- 05.08	115394	12 1.1	
		06.07- 05.08	116354	14 140		06.07- 05.08	115635	12 1.7	

AUDI Continued

	[CCWA]	05.08-	114780	14 140 A49		05.08-	115394	12 1.1
		05.08-	116354	14 140	A25	05.08-	115636	12 1.7
	[CCWB]	03.08-	114780	14 140 A49		03.08-	115394	12 1.1
		03.08-	116354	14 140	A25	03.08-	115636	12 1.7
A5 3.0 TDi Sportback Quattro	[CCWA]	09.09-	114780	14 140 A49		09.09-	115394	12 1.1
		09.09-	116354	14 140	A25	09.09-	115636	12 1.7
A5 Sportback 2.0 TDi Mild Hybrid 30	[DEZB]					10.19-	116486	12 1.7
A6 1.8	[ADR]	12.95-	111478	14 90		12.95-	110867	12 1.7
						12.95-	112537	12 2.2
	[AEB]	12.97- 01.05	113882	14 120	A25	12.97- 01.05	116486	12 1.7
		08.98-	112399	14 90		08.98-	112321	12 1.1
	[AFY]	08.98-	113283	14 120		08.98-	114094	12 2.2
		05.97- 07.98	111478	14 90		05.97- 07.98	111010	12 1.4
	[AJP]	05.97-	112399	14 90		05.97-	112321	12 1.1
		07.98-	113283	14 120		07.98-	114094	12 2.2
	[ANB]	08.98-	112399	14 90		08.98-	112321	12 1.1
		08.98-	113283	14 120		08.98-	114094	12 2.2
	[ANQ]	12.97- 01.05	113882	14 120	A25	12.97- 01.05	116486	12 1.7
		01.99-	112399	14 90		01.99-	112321	12 1.1
	[APU]	01.99-	113283	14 120		01.99-	114094	12 2.2
		07.97- 01.05	112399	14 90		07.97- 01.05	112309	12 1.4
	[AQE]	07.97- 01.05	113283	14 120		07.97- 01.05	114096	12 2.0
		07.97- 01.05	112399	14 90		07.97- 01.05	112321	12 1.1
	[ARH]	07.97- 01.05	112399	14 90		07.97- 01.05	112321	12 1.1
		07.97- 01.05	113283	14 120		07.97- 01.05	114096	12 2.0
	[ARK]	12.97- 01.05	113882	14 120	A25	12.97- 01.05	116486	12 1.7
		01.99- 05.99	112399	14 90		01.99- 05.99	112321	12 1.1
	[AWT]	01.99- 05.99	113283	14 120		01.99- 05.99	114096	12 2.0
		12.97- 01.05	113882	14 120		12.97- 01.05	116486	12 1.7
A6 1.8 Quattro	[ADR]	12.95-	111478	14 90		12.95-	110867	12 1.7
	[AEB]	12.95-				12.95-	111010	12 1.4
		01.97- 01.05	113882	14 120		01.97- 01.05	116505	12 1.7
	[AJL]	08.98-	112399	14 90		08.98-	112321	12 1.1
		08.98-	113283	14 120		08.98-	114094	12 2.2
	[ANB]	08.98-	112399	14 90		08.98-	112321	12 1.1
		01.97- 01.05	113882	14 120		01.97- 01.05	116505	12 1.7
	[APU]	08.98-	112399	14 90		08.98-	112321	12 1.1
		08.98-	113283	14 120	A25	08.98-	114094	12 2.2
	[ARK]	01.97- 01.05	113882	14 120	A25	01.97- 01.05	116486	12 1.7
		08.98-	112399	14 90		08.98-	112321	12 1.1
	[AWL]	08.98-	113283	14 120		08.98-	114094	12 2.2
		01.99- 01.05	112399	14 90		01.99- 01.05	112309	12 1.4
	[AWT]	01.99- 01.05	113283	14 120		01.99- 01.05	114096	12 2.0
		01.99- 01.05	113882	14 120		01.99- 01.05	116486	12 1.7
	[AWT]	05.00- 01.05	113283	14 120		05.00- 01.05	114094	12 2.2
		01.97- 01.05	113882	14 120		01.97- 01.05	116505	12 1.7
	[AEB]	04.97-	112399	14 90		04.97-	112321	12 1.1
		08.98- 01.99	112399	14 90		08.98- 01.99	112321	12 1.1
	[AJL]	08.98- 01.99	113283	14 120		08.98- 01.99	114094	12 2.2
		02.98-	112399	14 90		02.98-	112321	12 1.1
	[ANB]	02.98-	113283	14 120		02.98-	114094	12 2.2
		08.98- 01.99	112399	14 90		08.98- 01.99	112321	12 1.1
	[APU]	08.98- 01.99	113283	14 120		08.98- 01.99	114094	12 2.2
		01.99-				01.99-	114096	12 2.0
	[ARK]	08.98- 01.99	112399	14 90		08.98- 01.99	112321	12 1.1
		08.98- 05.99	113283	14 120		08.98- 05.99	114096	12 2.0
	[AWT]	04.97- 01.99	112399	14 90		04.97- 01.99	112321	12 1.1
		06.94- 06.96	113885	14 150		06.94- 06.96	116412	12 1.7
	[IZ]	04.97-	112396	14 90		04.97-	112321	12 1.1
		04.97-	112397	14 120		04.97-	112537	12 2.2
	[AHU]	07.96- 09.96	113885	14 150		07.96- 09.96	116412	12 1.7
		07.00-	112397	14 120		07.00-	112443	12 1.8
	[AJM]	05.99-	112396	14 90		05.99-	112537	12 2.2
		08.01-	112397	14 120		08.01-	112321	12 1.1
	[AVF]	08.01-	113252	14 140		08.01-	112443	12 1.8
					AT	08.01-	111694	12 1.8
	[AVG]	02.98- 04.01	112397	14 120		02.98- 04.01	114094	12 2.2
		08.01-	112397	14 120		08.01-	112321	12 1.1
	[AWX]	08.01-	113252	14 140		08.01-	112443	12 1.8
						08.01-	114094	12 2.2
	[BNA]	06.05-	114831	14 180		06.05-	116344	12 1.4
		06.05-	114831	14 180		06.05-	116344	12 1.4
	[BRF]	06.05-	116438	14 180		06.05-	116054	12 1.4 A49
		10.08-	116438	14 180		10.08-	116054	12 1.4 A49
	[CAHA]	04.09-	116438	14 180		04.09-	116054	12 1.4 A49
		03.11-	116146	14 200		03.11-	116338	12 1.7
	[CGLC]				A25	03.11-	115636	12 1.7
						03.11-	115635	12 1.7
	[CGLD]	03.11-	116146	14 200		03.11-	116344	12 1.4
					A25	03.11-	115636	12 1.7
	[CGLE]	01.12-	116146	14 200		01.12-	115635	12 1.7
					A25	01.12-	116338	12 1.7
						01.12-	115636	12 1.7
						01.12-	115635	12 1.7



A6 2.0	[CMGB]	03.11-	116146	14	200		03.11-	116338	12	1.7	
						A25	03.11-	115636	12	1.7	
							03.11-	115635	12	1.7	
							05.11-	116054	12	1.4	A49
A6 2.0 TFSi	[CSUE]	01.12-	116146	14	200		01.12-	116054	12	1.4	A49
						A25	01.12-	115636	12	1.7	
							01.12-	115635	12	1.7	
A6 2.0	[ALT]	08.01- 01.05	116172	14	150		08.01- 01.05	116344	12	1.4	
		06.01- 01.05	116337	14	120		08.01- 01.05	116054	12	1.4	A49
	[BPJ]	06.05-	115953	14	150		06.05-	116344	12	1.4	
A6 2.0							06.05-	115947	12	1.1	
							06.05-	115961	12	1.1	
	[BYK]	01.07-	115953	14	150		01.07-	116344	12	1.4	
A6 2.3							01.07-	115947	12	1.1	
							01.07-	115961	12	1.1	
	[AAR]	06.94- 07.94	112806	14	120		06.94- 07.94	111694	12	1.8	
A6 2.3 Quattro		06.94- 12.95	113758	14	120		06.94- 12.95	114171	12	1.7	A49
	[AAR]	06.94- 07.94	112806	14	120		06.94- 07.94	111694	12	1.8	
		06.94- 12.95	113758	14	120		06.94- 12.95	114171	12	1.7	A49
A6 2.4							06.94- 12.95	116505	12	1.7	
	[AGA]	04.97- 07.98	112806	14	120		04.97- 07.98	111995	12	2.0	
							04.97- 07.98	112309	12	1.4	
A6 2.4	[AJG]	04.97- 07.98	112806	14	120		04.97- 07.98	111995	12	2.0	
							06.97- 07.98	112309	12	1.4	
	[ALF]	06.97- 07.98	112806	14	120		06.97- 07.98	111995	12	2.0	
A6 2.4							06.97- 07.98	112309	12	1.4	
	[ALW]	08.97- 07.98	112806	14	120		08.97- 07.98	111995	12	2.0	
	[AML]	06.00- 04.01	112399	14	90		06.00- 04.01	112321	12	1.1	
A6 2.4		12.97- 01.05	113751	14	120		12.97- 01.05	114837	12	1.2	
	[AMM]	06.01- 05.04	113751	14	120		06.01- 05.04	114837	12	1.2	
	[APC]	04.98- 07.98	112806	14	120		04.98- 07.98	111995	12	2.0	
A6 2.4	[ARN]	02.99- 01.05	112806	14	120		02.99- 01.05	111995	12	2.0	
		02.99- 01.05	113751	14	120		02.99- 01.05	114837	12	1.2	
	[ASM]	06.01- 01.05	113751	14	120		06.01- 01.05	114837	12	1.2	
A6 2.4	[BDV]	06.01- 01.05	113751	14	120		06.01- 01.05	114837	12	1.2	
		08.01-	113510	14	140		08.01-	115559	12	1.4	
	[BDW]	05.04-	115414	14	180		05.04-	116344	12	1.4	
A6 2.4 Quattro	[AGA]	04.97- 07.98	112806	14	120		04.97- 07.98	111995	12	2.0	
							04.97- 07.98	112309	12	1.4	
	[AJG]	02.97- 07.98	112806	14	120		02.97- 07.98	111995	12	2.0	
A6 2.4	[ALF]	06.97- 07.98	112806	14	120		06.97- 07.98	111995	12	2.0	
							06.97- 07.98	112309	12	1.4	
	[AML]	06.00- 05.01	112399	14	90		06.00- 05.01	112321	12	1.1	
A6 2.4	[APC]	08.98- 05.01	112399	14	90		08.98- 05.01	112321	12	1.1	
	[BDV]	06.01- 01.05	113751	14	120		06.01- 01.05	114837	12	1.2	
		08.01-	113510	14	140		08.01-	115559	12	1.4	
A6 2.5 TDi	[BDW]	01.05-	115414	14	180		01.05-	116344	12	1.4	
	[AEL]	08.94- 02.97	113758	14	120		08.94- 02.97	114177	12	2.0	
	[AFB]	04.97- 05.00	113758	14	120		04.97- 05.00	114177	12	2.0	
A6 2.5 TDi	[AKE]	02.00-	113510	14	140		02.00-	114096	12	2.0	
	[AKN]	12.97- 01.05	113758	14	120		12.97- 01.05	114177	12	2.0	
	[AYM]	08.01-	113510	14	140		08.01-	115559	12	1.4	
A6 2.5 TDi	[BCZ]	11.02- 05.04	113510	14	140		11.02- 05.04	115559	12	1.4	
	[BDG]	11.02- 05.04	113510	14	140		11.02- 05.04	115559	12	1.4	
	[BFC]	07.02- 05.03	113510	14	140		07.02- 05.03	115559	12	1.4	
A6 2.5 TDi	[AAT]	06.94- 10.97	112750	14	90	Chas. -4A.S.012156	06.94- 10.97	114177	12	2.0	
		06.94- 02.97	113758	14	120		06.94- 12.97	114171	12	1.7	A49
							06.94- 10.97	112309	12	1.4	
A6 2.5 TDi Quattro	[AEL]	07.95- 10.97	113758	14	120		07.95- 10.97	114177	12	2.0	
	[AFB]	07.97- 01.05	113758	14	120		07.97- 01.05	114177	12	2.0	
	[AKE]	02.00-	113510	14	140		02.00-	114096	12	2.0	
A6 2.5 TDi							02.00-	115559	12	1.4	
	[AKN]	07.97- 01.05	113758	14	120		07.97- 01.05	114177	12	2.0	
	[ABC]	06.94- 02.96	112806	14	120		06.94- 02.96	111995	12	2.0	
A6 2.6	[ACZ]	06.94- 02.96	112806	14	120		06.94- 02.96	111694	12	1.8	
	[ABC]	06.94-	112806	14	120		06.94-	111694	12	1.8	
	[BPP]	11.04-	114408	14	180		11.04-	116412	12	1.7	
A6 2.7 TDi							03.05-	116344	12	1.4	
	[BSG]	11.04-	114408	14	180		11.04-	116412	12	1.7	
		11.04-	115906	14	180		11.04-	116344	12	1.4	
A6 2.7 TDi	[CANB]	10.08-	115910	14	180		10.08-	116344	12	1.4	
	[CANB]	11.04-	114408	14	180		11.04-	116344	12	1.4	
		11.04-	115906	14	180						
A6 2.7 TDi	[CANC]	10.08-	115910	14	180		10.08-	116344	12	1.4	
	[BPP]	05.06-	114408	14	180		05.06-	116344	12	1.4	
	[BSG]	05.06- 08.11	114408	14	180		05.06- 08.11	116344	12	1.4	
A6 2.7 TDi		05.06- 08.11	115910	14	180						
	[CANC]	10.08- 08.11	115910	14	180		10.08- 08.11	116344	12	1.4	
	[CAND]	05.06- 08.11	115910	14	180		05.06- 08.11	116344	12	1.4	
A6 2.7 TDi Quattro	[BPP]	11.04-	114408	14	180		11.04-	116344	12	1.4	
	[BSG]	06.05-	114408	14	180		06.05-	116344	12	1.4	
		06.05-	115910	14	180						
A6 2.7 TDi	[CANC]	10.08-	115910	14	180		10.08-	116344	12	1.4	
	[CAND]	06.05-	114408	14	180		06.05-	116344	12	1.4	
		06.05-	115910	14	180						
A6 2.7	[AJK]	02.99- 05.01	112399	14	90		02.99- 05.01	112321	12	1.1	
		02.99- 05.01	113751	14	120		02.99- 05.01	114837	12	1.2	
	[AJK]	10.97- 08.00	112399	14	90		10.97- 08.00	112321	12	1.1	
A6 2.7 Quattro		02.99- 08.00	113751	14	120		02.99- 08.00	112309	12	1.4	
							02.99- 08.00	114837	12	1.2	
A6 2.8	[APR]	11.98- 04.01	113751	14	120		11.98- 04.01	114837	12	1.2	
							11.98- 04.01	115394	12	1.1	
	[ACK]	10.95- 10.97	112806	14	120		10.95- 10.97	112309	12	1.4	
A6 2.8		02.97- 07.98	113751	14	120		02.97- 07.98	115394	12	1.1	
							06.97- 07.98	111995	12	2.0	
							12.97- 07.98	114837	12	1.2	
A6 2.8	[AEJ]	06.94- 10.97	112806	14	120		06.94- 10.97	111694	12	1.8	
							06.94-	111995	12	2.0	
	[AFC]	06.94- 10.97	112806	14	120		06.94- 10.97	111995	12	2.0	

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	[AGE]	10.97- 07.98	111478	14 90	10.97- 07.98	111010	12 1.4	
		10.97- 07.98	112806	14 120	10.97- 07.98	111995	12 2.0	
		08.98-	112399	14 90	08.98-	112321	12 1.1	
	[AHA]	06.00- 04.01	112399	14 90	06.00- 04.01	112309	12 1.4	
		06.00- 04.01	113751	14 120	06.00- 04.01	114837	12 1.2	
	[ALG]	08.98- 01.99	112399	14 90	06.97- 07.98	111995	12 2.0	
		06.97- 07.98	112806	14 120	06.97- 07.98	112309	12 1.4	
		12.97- 01.99	113751	14 120	12.97- 01.99	114837	12 1.2	
					08.98- 01.99	112321	12 1.1	
	[AMX]	06.00- 05.01	112399	14 90	06.00- 05.01	112321	12 1.1	
		06.00- 04.01	113751	14 120	06.00- 04.01	114837	12 1.2	
				06.00- 04.01	115394	12 1.1		
	[AQD]	11.98- 04.01	112399	14 90	11.98- 04.01	112321	12 1.1	
		11.98- 04.01	113751	14 120	11.98- 04.01	114837	12 1.2	
				11.98- 04.01	115394	12 1.1		
	[AAH]	06.94- 10.97	112806	14 120	06.94- 10.97	111694	12 1.8	
			14 120		06.94-	111995	12 2.0	
A6 2.8 Quattro	[APR]	01.99- 05.01	112806	14 120	01.99- 05.01	112309	12 1.4	
		01.99- 05.01	113751	14 120	01.99- 05.01	114837	12 1.2	
	[ACK]	10.95- 10.97	112806	14 120	10.95- 10.97	112309	12 1.4	
					06.97- 07.98	111995	12 2.0	
	[AEJ]	06.94- 10.97	112806	14 120	06.94- 10.97	111694	12 1.8	
	[AHA]	06.00- 05.01	113751	14 120	06.00- 05.01	114837	12 1.2	
	[ALG]	08.98- 01.99	112399	14 90	06.97- 07.98	111995	12 2.0	
		06.97- 07.98	112806	14 120	06.97- 07.98	112309	12 1.4	
					08.98- 01.99	112321	12 1.1	
	[AMX]	06.00- 05.01	113751	14 120	06.00- 05.01	114837	12 1.2	
	[AQD]	11.98- 05.01	112399	14 90	11.98- 05.01	112321	12 1.1	
	[AAH]	06.94- 10.97	112806	14 120	06.94- 10.97	111694	12 1.8	
A6 2.8 FSi	[CCDA]	10.08-	115919	14 150	10.08-	116344	12 1.4	
	[CCEA]	10.08-	115919	14 150	10.08-	116344	12 1.4	
A6 2.8 FSi Quattro	[CCDA]	10.08-	115919	14 150	10.08-	116344	12 1.4	
	[CCEA]	10.08-	115919	14 150	10.08-	116344	12 1.4	
A6 3.0 TDi Allroad Quattro	[ASB]	05.06-	114408	14 180	05.06-	116344	12 1.4	
	[BNG]	05.06- 08.11	114408	14 180	05.06- 08.11	116344	12 1.4	
		05.06- 08.11	115910	14 180				
	[CDYA]	10.08- 08.11	115910	14 180	10.08- 08.11	116344	12 1.4	
	[CDYB]	05.06- 08.11	115910	14 180	05.06- 08.11	116344	12 1.4	
	[CDYC]	10.08- 08.11	115910	14 180	10.08- 08.11	116344	12 1.4	
	[CZVF]				11.15-	115948	12 2.2	
A6 3.0 TDi Quattro	[ASB]	06.06-	114408	14 180	06.06-	116344	12 1.4	
	[BMK]	05.04-	114408	14 180	05.04-	116412	12 1.7	
	[BNG]	05.04-	114408	14 180	05.04-	116412	12 1.7	
		05.04-	115910	14 180	05.04-	116344	12 1.4	
	[CDUC]				03.11-	115735	12 2.0	
					03.11-	115948	12 2.2	
	[CDUD]				03.11-	115735	12 2.0	
					03.11-	115948	12 2.2	
	[CDYA]	10.08-	115906	14 180	10.08-	116344	12 1.4	
	[CDYB]	05.04-	114408	14 180	05.04-	116344	12 1.4	
		05.04-	115910	14 180				
[CDYC]	10.08-	115906	14 180	10.08-	116344	12 1.4		
	[CKVB]				03.11-	115735	12 2.0	
					03.11-	115948	12 2.2	
	[CKVC]				03.11-	115735	12 2.0	
					03.11-	115948	12 2.2	
	[CPNB]				05.13-	115735	12 2.0	
					05.13-	115948	12 2.2	
A6 3.0	[ASN]	06.01- 05.04	113751	14 120	06.01- 05.04	114837	12 1.2	
		08.01-	113510	14 140	08.01-	115394	12 1.1	
				08.01-	115559	12 1.4		
	[BBJ]	03.05- 05.06	114408	14 180	03.05- 05.06	116344	12 1.4	
A6 3.0 Quattro	[ASN]	06.01- 05.04	113751	14 120	06.01- 05.04	114837	12 1.2	
		08.01-	113510	14 140	08.01-	115394	12 1.1	
				08.01-	115559	12 1.4		
	[BBJ]	05.04- 05.06	114408	14 180	05.04- 05.06	116344	12 1.4	
A6 3.2 FSi	[AUK]	05.04- 05.09	115414	14 180	05.04- 05.09	116344	12 1.4	
		05.04- 05.09	115919	14 150				
	[BKH]	05.04- 05.09	115414	14 180	05.04- 05.09	116344	12 1.4	
		05.04- 05.09	115919	14 150				
A6 3.2 FSi Allroad Quattro	[AUK]	05.06-	115414	14 180	05.06-	116344	12 1.4	
		05.06- 10.08	115919	14 150				
A6 3.2 FSi Quattro	[AUK]	05.04-	115414	14 180	05.04-	116344	12 1.4	
		05.04-	115919	14 150				
	[BKH]	05.04-	115414	14 180	05.04-	116344	12 1.4	
		05.04-	115919	14 150				
A6 4.0 Quattro	[CRDB]				01.13-	116054	12 1.4	A49
	[CTGE]				10.14-	116054	12 1.4	A49
A6 4.0 RS6 performance quattro	[CWUC]				11.15-	116054	12 1.4	A49
A6 4.2 Quattro	[ARS]	11.98- 01.05	113882	14 120	A25 11.98- 01.05	116486	12 1.7	
		11.98- 01.05	115967	14 150	11.98- 01.05	116344	12 1.4	
	[ASG]	06.00- 01.05	115967	14 150	06.00- 01.05	116344	12 1.4	
		11.98- 01.05	113882	14 120	A25 11.98- 01.05	116486	12 1.7	
	[AWN]	06.00- 01.05	115967	14 150	06.00- 01.05	116344	12 1.4	
		11.98- 01.05	113882	14 120	11.98- 01.05	116486	12 1.7	
A6 5.0 RS6 Quattro	[BUH]				11.08- 08.10	115996	12 1.4	
A6 5.2 Quattro	[BXA]				03.06-	115996	12 1.4	
A6 C8 2.0 TDi Mild Hybrid	[DESA]				04.19-	116486	12 1.7	
A6 C8 Avant 2.0 TDi Mild Hybrid	[DESA]				02.19-	116486	12 1.7	
A7 2.8 FSi	[CHVA]				A25 02.11-	116486	12 1.7	
					02.11-	115559	12 1.4	
					02.11-	116054	12 1.4	A49
A7 2.8 FSi Quattro Sportback	[CHVA]				A25 10.10-	116486	12 1.7	
					10.10-	115559	12 1.4	
					10.10-	116054	12 1.4	A49
	[CNYA]				A25 10.10-	116486	12 1.7	
					10.10-	115559	12 1.4	
					10.10-	116054	12 1.4	A49
A7 3.0 TDi Quattro Sportback	[CPNB]				05.13-	115735	12 2.0	
	[CZVF]				11.15-	115948	12 2.2	



A7 3.0 TDi Sportback	[CZVD]				11.15-	115948	12	2.2		
	[CZVE]				11.15-	115948	12	2.2		
A7 3.0 TFSi Quattro	[CGWD]				A25 01.11-	116486	12	1.7		
	[CGXB]				A25 01.11-	116486	12	1.7		
	[CTTA]				A25 01.11-	116486	12	1.7		
	[CTUA]				A25 01.11-	116486	12	1.7		
A7 3.0 TFSi Quattro Sportback	[CGWB]				A25 10.10-	116486	12	1.7		
					10.10-	115559	12	1.4		
					10.10-	116054	12	1.4 A49		
	[CHMA]				A25 10.10-	116486	12	1.7		
					10.10-	115559	12	1.4		
					10.10-	116054	12	1.4 A49		
A7 4.0 Quattro Sportback	[CRDB]				10.13-	115559	12	1.4		
					10.13-	116054	12	1.4 A49		
	[CTGE]				07.14-	115559	12	1.4		
					07.14-	116054	12	1.4 A49		
	[CWUB]				10.13-	115559	12	1.4		
					10.13-	116054	12	1.4 A49		
A7 4.0 RS7 performance Quattro S	[CWUC]				11.15-	115559	12	1.4		
					11.15-	116054	12	1.4 A49		
A7 4.0 S7 quattro Sportback	[CEUC]				02.12-	115559	12	1.4		
					02.12-	116054	12	1.4 A49		
A7 Sportback 2.0 TFSi Quattro 55	[DLGA]	11.19-	114322	14	140	11.19-	115539	12	2.0	
		11.19-	116373	14	140	11.19-	115402	12	1.8	
		11.19-	116647	14	140	11.19-	116156	12	2.0	
					11.19-	115638	12	1.7		
					11.19-	116097	12	2.0		
A8 2.5 TDi	[AFB]	01.97- 04.00	110975	14	65	01.97- 04.00	112309	12	1.4	
		01.97- 04.00	113758	14	120	01.97- 04.00	111995	12	2.0	
	[AKN]	01.97- 04.00	110975	14	65	01.97- 04.00	112309	12	1.4	
		01.97- 04.00	113758	14	120	01.97- 04.00	114094	12	2.2	
A8 2.5 TDi Quattro	[AFB]	07.97- 04.00	113758	14	120	07.97- 04.00	111995	12	2.0	
	[AKN]	07.97- 04.00	113758	14	120	07.97- 04.00	115559	12	1.4	
A8 2.5 TFSi	[CPAA]				A25 07.12-	116486	12	1.7		
A8 2.8	[APR]	07.95- 12.98	112806	14	120	07.95- 12.98	112309	12	1.4	
					01.99- 04.99	116344	12	1.4		
	[ACK]	07.95- 12.98	112806	14	120	07.95- 12.98	112309	12	1.4	
					04.96- 12.98	116344	12	1.4		
	[AEJ]	07.95-	112806	14	120	07.95-	111995	12	2.0	
	[ALG]	10.97- 12.98	112806	14	120	10.97- 12.98	112309	12	1.4	
					10.97- 12.98	116344	12	1.4		
	[AMX]				05.00- 09.02	116344	12	1.4		
		07.95- 12.98	112806	14	120	07.95- 12.98	112309	12	1.4	
	[AQD]	07.95- 12.98	112806	14	120	07.95- 12.98	112309	12	1.4	
					01.99- 02.01	116344	12	1.4		
	[AAH]	06.94- 03.96	112806	14	120	06.94- 03.96	112309	12	1.4	
	A8 2.8 Quattro	[APR]	04.96-	112806	14	120	04.96-	112309	12	1.4
						01.99- 04.99	116344	12	1.4	
[ACK]		04.96-	112806	14	120	04.96-	112309	12	1.4	
					04.96- 09.02	116344	12	1.4		
[AEJ]		07.95-	112806	14	120	07.95-	111995	12	2.0	
[AMX]					05.00- 09.02	116344	12	1.4		
		04.96-	112806	14	120	04.96-	112309	12	1.4	
[AQD]		04.96-	112806	14	120	04.96-	112309	12	1.4	
					01.99- 04.99	116344	12	1.4		
[AAH]		09.94- 03.96	112806	14	120	09.94- 03.96	112309	12	1.4	
A8 3.0 TDi	[CLAB]	09.11-	116614	14	200	09.11-	115559	12	1.4	
A8 3.0 TDi Quattro	[ASB]	08.03-	114408	14	180	08.03-	115559	12	1.4	
					08.03-	115938	12	2.2		
	[BNG]	11.03-	113751	14	120	11.03-	111995	12	2.0	
					11.03-	115938	12	2.2		
	[CDTA]	07.10-	116614	14	200	07.10-	115559	12	1.4	
					A25 07.10-	115735	12	2.0		
	[CDBT]	08.10-	116614	14	200	08.10-	115559	12	1.4	
	[CDTC]	07.10-	116614	14	200	07.10-	114837	12	1.2	
					A25 07.10-	115735	12	2.0		
	[CMHA]	07.10-	116614	14	200	07.10-	114837	12	1.2	
					A25 07.10-	115735	12	2.0		
	[CPNA]	11.12-	116614	14	200	11.12-	115559	12	1.4	
					11.12-	115735	12	2.0		
		10.13-	116614	14	200	10.13-	115559	12	1.4	
A8 3.0	[CTBA]	05.15-	116614	14	200	05.15-	114837	12	1.2	
	[CTBD]									
	[ASN]					08.03-	116344	12	1.4	
	[BBJ]	07.03-	113751	14	120	07.03-	111995	12	2.0	
		07.03-	113882	14	120	07.03-	115559	12	1.4	
					07.03-	116344	12	1.4		
A8 3.0 TFSi Quattro	[CGWA]				A25 07.10-	116486	12	1.7		
					07.10-	116054	12	1.4 A49		
	[CGWD]				A25 11.11-	116486	12	1.7		
					11.11-	116054	12	1.4 A49		
	[CGXA]				A25 07.10-	116486	12	1.7		
	[CGXC]				A25 06.10-	116486	12	1.7		
					06.10-	116054	12	1.4 A49		
	[CMDA]				A25 06.10-	116486	12	1.7		
					06.10-	116054	12	1.4 A49		
	[CREA]				A25 11.11-	116486	12	1.7		
					11.11-	116054	12	1.4 A49		
	[CREC]				A25 06.10-	116486	12	1.7		
					06.10-	116054	12	1.4 A49		
	[CREG]				A25 07.10-	116486	12	1.7		
[CTDA]				A25 06.10-	116486	12	1.7			
				06.10-	116054	12	1.4 A49			
	[CTUB]				A25 06.10-	116486	12	1.7		
A8 3.7	[AEW]	07.95- 12.98	115967	14	150	07.95- 12.98	115559	12	1.4	
A8 3.7 Quattro	[AEW]	07.95- 11.98	115967	14	150	07.95- 11.98	115559	12	1.4	
	[AKJ]	07.95- 11.98	115967	14	150	07.95- 11.98	115559	12	1.4	
	[BFL]					10.02-	116505	12	1.7	
A8 4.0 Quattro	[DDTA]					11.15-	116054	12	1.4 A49	
A8 4.0 S8 quattro	[CGTA]					02.12-	116054	12	1.4 A49	
	[CTFA]					02.12-	116054	12	1.4 A49	



AUDI Continued

A8 4.0 TFSI Quattro	[CEUA]				03.12-	116054	12 1.4	A49
	[CTGA]				10.13-	116054	12 1.4	A49
A8 4.2 TDi Quattro	[BMC]				07.05-	114776	12 2.3	
A8 4.2 Quattro	[ABZ]	03.94- 11.98	115967	14 150	03.94- 11.98	115559	12 1.4	
	[AKG]	03.94- 11.98	115967	14 150	03.94- 11.98	115559	12 1.4	
	[BFM]				10.02-	116505	12 1.7	
A8 4.2 FSI Quattro	[BVJ]				06.06-	116505	12 1.7	
	[CDRA]				11.09-	116054	12 1.4	A49
A8 5.2 Quattro	[BSM]				06.06-	115996	12 1.4	
A8 6.0 W12 Quattro	[BHT]				12.03-	115996	12 1.4	
	[BSB]				12.03-	115996	12 1.4	
	[BTE]				12.03-	115996	12 1.4	
Allroad 2.5 TDi Quattro	[AKE]	05.00- 08.05	113510	14 140	05.00- 08.05	111995	12 2.0	
		05.00- 08.05	113751	14 120	05.00- 08.05	116344	12 1.4	
	[BAU]	05.00- 08.05	112079	14 90 A47	05.00- 08.05	111995	12 2.0	
		05.00- 08.05	113751	14 120				
		05.00- 08.05	114789	14 90 A49				
	[BCZ]	06.03-	113510	14 140	06.03-	116344	12 1.4	
Allroad 2.7 Turbo Quattro	[ARE]	05.00- 05.02	113510	14 140	05.00- 05.02	111995	12 2.0	
	[BES]	07.02- 08.05	113510	14 140	07.02- 08.05	116344	12 1.4	
Cabriolet 1.9 TDi	[1Z]				06.95- 07.96	111694	12 1.8	
		AT 06.95- 07.96	111676	14 90	06.95- 07.96	111010	12 1.4	
	[AHU]	AT 07.96-	111676	14 90	07.96-	111694	12 1.8	
					07.96-	112321	12 1.1	
Cabriolet 2.3	[NG]	05.91- 07.94	112750	14 90	05.91- 07.94	112321	12 1.1	
Cabriolet 2.6	[ABC]	01.94-	112806	14 120	01.94-	112321	12 1.1	
Cabriolet 2.8	[AAH]	11.92- 08.00	112806	14 120	11.92- 08.00	112309	12 1.4	
Coupe 1.8	[DZ]	08.89- 07.91	112149	14 65	08.89- 07.91	110865	12 0.95	
Coupe 1.8 GT	[DZ]	08.86- 10.88	112149	14 65	08.86- 10.88	110865	12 0.95	
	[JN]	01.85- 07.85	110919	14 65	01.85- 07.85	110865	12 0.95	
		08.85- 07.88	112149	14 65				
	[JV]	06.83- 07.85	110919	14 65	06.83- 07.85	110865	12 0.95	
		08.85- 10.88	112149	14 65				
	[PV]	08.86- 10.88	112149	14 65	08.86- 10.88	111010	12 1.4	
	[SF]	04.86- 10.88	112149	14 65	04.86- 10.88	111010	12 1.4	
Coupe 1.9	[WN]	08.80- 07.81	110911	14 55	08.80- 07.81	110865	12 0.95	
		08.80- 07.81	111139	14 75				
Coupe 2.0	[ABK]	05.89- 07.91	112149	14 65	05.89- 07.91	111010	12 1.4	
					05.89- 12.96	112321	12 1.1	
	[ACE]				08.92- 12.95	112321	12 1.1	
	[SK]	03.86- 07.91	112149	14 65	AT 03.86- 07.91	110865	12 0.95	
	[AAD]	05.89- 07.91	112149	14 65	05.89- 07.91	111010	12 1.4	
					05.89- 12.96	112321	12 1.1	
Coupe 2.0 16V	[6A]				01.92- 07.92	112321	12 1.1	
Coupe 2.0 20V Quattro	[NM]	08.89- 07.91	112750	14 90	08.89- 07.91	111010	12 1.4	
Coupe 2.1 Turbo Quattro	[GV]	07.80- 07.81	111139	14 75	07.80- 07.81	110865	12 0.95	
	[WR]	07.80- 07.81	111139	14 75	07.80- 07.81	110865	12 0.95	
Coupe 2.2					11.88- 07.91	111010	12 1.4	
		11.88- 07.91	112750	14 90				
Coupe 2.2 Quattro	[JT]				12.84- 10.88	111010	12 1.4	
	[KV]	11.88- 07.91	112750	14 90	11.88- 07.91	111010	12 1.4	
Coupe 2.2 S2 Quattro	[3B]	08.89- 09.92	112750	14 90	08.89- 09.92	111010	12 1.4	
Coupe 2.2 20V Quattro	[RR]	08.89- 07.91	112750	14 90	08.89- 07.91	111010	12 1.4	
Coupe 2.2 Turbo Quattro	[1B]	08.87- 11.90	112750	14 90	08.87- 11.90	111010	12 1.4	
	[MB]	08.88- 07.89	112750	14 90	08.88- 07.89	111010	12 1.4	
Coupe 2.3	[NG]	10.88- 12.96	112750	14 90	02.87- 10.88	111010	12 1.4	
Coupe 2.3 Quattro	[NG]	11.88- 07.94	112750	14 90	01.87- 10.88	111010	12 1.4	
Coupe 2.3 20V	[7A]	11.88- 12.96	112750	14 90	11.88- 12.96	111010	12 1.4	
Coupe 2.3 20V Quattro	[7A]	11.88- 07.91	112750	14 90	11.88- 07.91	111010	12 1.4	
Coupe 2.6	[ABC]	08.92- 12.95	112806	14 120	08.92- 12.95	111010	12 1.4	
					08.92- 12.95	112309	12 1.4	
Coupe 2.6 Quattro	[ABC]	08.92- 12.95	112806	14 120	08.92- 12.95	111010	12 1.4	
					08.92- 12.95	112309	12 1.4	
Coupe 2.8	[AAH]	09.91- 12.95	112806	14 120	09.91- 12.95	111010	12 1.4	
					09.91- 12.95	112309	12 1.4	
Coupe 2.8 Quattro	[AAH]	08.91- 12.95	112806	14 120	08.91- 12.95	111010	12 1.4	
					08.91- 12.95	112309	12 1.4	
Q2 1.0 TFSI	[CHZJ]	09.16-	116619	14 110				
Q2 1.4 TFSI	[CZEA]	09.16-	116619	14 110				
Q2 1.6 TDi	[DDYA]	06.16- 10.18	116717	14 140	A25 09.16-	115402	12 1.8	
		09.16-	116373	14 140				
Q2 2.0 TDi	[DCYA]	09.16-	116373	14 140	A25 09.16-	115610	12 2.0	
		09.16-	116717	14 140				
Q2 2.0 TDi Quattro	[DFGA]	09.16-	116373	14 140	09.16-	115818	12 1.1	
		09.16-	116717	14 140				
	[DFHA]	07.16-	116717	14 140	09.16-	115634	12 1.8	
		09.16-	116373	14 140				
Q3 1.4 TFSI	[CHPB]	10.13-	115916	14 140	AT and Start/Stop 10.13-	115539	12 2.0	A49
		10.13-	116193	14 140	10.13-	115402	12 1.8	
		10.13-	116298	14 140				
	[CZDA]	10.13-	115916	14 140	10.13-	115539	12 2.0	A49
		10.13-	116193	14 140	10.13-	115402	12 1.8	
		10.13-	116298	14 140				
	[CZEA]	10.13-	115916	14 140	10.13-	115560	12 1.7	
		10.13-	116193	14 140	10.13-	115402	12 1.8	
		10.13-	116298	14 140				
Q3 1.5 TFSI	[DADA]	08.18-	116193	14 140	08.18-	115402	12 1.8	
		08.18-	116298	14 140				
Q3 2.0 TDi	[CFFA]	09.11-	115433	14 140	09.11-	113773	12 1.1	
		09.11-	115898	14 140	A25 09.11-	115560	12 1.7	
		09.11-	116036	14 140	A25 09.11-	115561	12 1.7	
		09.11-	116452	14 140	09.11-	116097	12 2.0	
		09.11- 10.18	116717	14 140	09.11- 10.18	115696	12 1.1	
	[CFFB]	09.11-	115433	14 140	09.11-	115539	12 2.0	A49
		09.11-	116036	14 140	09.11-	115402	12 1.8	
		09.11-	116452	14 140	09.11-	115900	12 1.1	



	[CFGC]	05.13- 05.13- 05.13-	115433 116036 116452	14 140 14 140 14 140	AT A25 05.13- 05.13-	05.13- 05.13- 05.13-	115539 115402 115900	12 2.0 12 1.8 12 1.1	A49	
	[CLJA]	09.11- 09.11- 09.11-	115433 116036 116452	14 140 14 140 14 140	AT and Start/Stop	09.11- 09.11- 09.11-	115539 115402 115900	12 2.0 12 1.8 12 1.1	A49	
	[CUVC]	11.14- 11.14- 11.14- 10.18	115898 116359 116717	14 140 14 140 14 140		11.14- 11.14- 11.14- 10.18	115561 116156 115638	12 1.7 12 2.0 12 1.7		
	[CUVD]	03.15- 03.15- 03.15- 10.18	115898 116359 116717	14 140 14 140 14 140		03.15- 03.15- 03.15- 10.18	115561 116156 115638	12 1.7 12 2.0 12 1.7		
	[CUWA]	05.15- 05.15- 05.15- 10.18	115898 116359 116717	14 140 14 140 14 140	A25	05.15- 05.15- 05.15- 10.18	115561 115402 115638	12 1.7 12 1.8 12 1.7		
	[DFGA]	09.18-	116647	14 140		09.18-	115900	12 1.1		
	Q3 2.0 TDi Quattro	[CFFB]	01.12- 01.12- 01.12-	115433 116036 116452	14 140 14 140 14 140		01.12- 01.12- 01.12-	115539 115402 115900	12 2.0 12 1.8 12 1.1	A49
		[CFGC]	06.11- 06.11- 06.11- 06.11- 10.18	115433 116036 116452 116717	14 140 14 140 14 140 14 140	A25	06.11- 06.11- 06.11- 06.11- 10.18	115539 115561 115900 115696	12 2.0 12 1.7 12 1.1 12 1.1	A49
		[CFGD]	06.11- 06.11- 06.11-	115433 116036 116452	14 140 14 140 14 140	A25	06.11- 06.11- 06.11-	113841 115561 115900	12 1.7 12 1.7 12 1.1	
		[CLLB]	06.11- 06.11- 06.11- 06.11- 10.18	115433 116036 116452 116717	14 140 14 140 14 140 14 140		06.11- 06.11- 06.11- 06.11- 10.18	115539 115402 115900 115638	12 2.0 12 1.8 12 1.1 12 1.7	
	[CUVC]	11.14- 11.14- 11.14- 10.18	115898 116359 116717	14 140 14 140 14 140		11.14- 11.14- 11.14- 10.18	115561 116156 115638	12 1.7 12 2.0 12 1.7		
	[CUWA]	11.14- 11.14- 11.14- 10.18	115898 116359 116717	14 140 14 140 14 140	AT AT	11.14- 11.14- 11.14- 10.18	115561 116156 115638	12 1.7 12 2.0 12 1.7		
	[CYLA]	11.14- 11.14- 11.14- 10.18	115898 116359 116717	14 140 14 140 14 140		11.14- 11.14- 11.14- 10.18	115561 116156 115638	12 1.7 12 2.0 12 1.7		
	[DFGA]	09.18-	116647	14 140		09.18-	115900	12 1.1		
	[DFHA]	10.18-	116647	14 140		10.18- AT 10.18-	115900 115638	12 1.1 12 1.7		
	Q3 2.0 TFSi Quattro	[CCZC]	06.11- 04.15	116716	14 140		06.11- 04.15	115696	12 1.1	
		[CPSA]	06.11- 04.15	116716	14 140		06.11- 04.15	115696	12 1.1	
		[CULC]	11.14- 10.18 11.14- 10.18	116386 116387	14 140 14 140	AT and Start/Stop	11.14- 10.18	116156	12 2.0	
		[DKTA]	07.18-	116387	14 140		07.18-	116097	12 2.0	
		[DKTC]	07.18-	116387	14 140	A25	07.18-	116156	12 2.0	
Q3 Sportback 1.4 TFSi 35	[CZDA]	10.19- 10.19-	116193 116298	14 140 14 140	AT A25	10.19- 10.19- 10.19-	115539 115560 115900 116156	12 2.0 12 1.7 12 1.1 12 2.0	A49	
Q3 Sportback 2.0 TDi 35	[DFGA]	07.19- 07.19- 07.19-	114322 116373 116647	14 140 14 140 14 140	A25 A25 A25 AT	07.19- 07.19- 07.19- 07.19-	115539 115560 115561 116156	12 2.0 12 1.7 12 1.7 12 2.0		
	Q3 Sportback 2.0 TDi Quattro 35	[DFGA]	09.19- 09.19- 09.19-	114322 116373 116647	14 140 14 140 14 140	AT and Start/Stop A25 A25 AT	09.19- 09.19- 09.19- 09.19-	115539 115561 115402 116156	12 2.0 12 1.7 12 1.8 12 2.0	A49
	Q3 Sportback 2.0 TDi Quattro 40	[DFHA]	07.19- 07.19- 07.19-	114322 116373 116647	14 140 14 140 14 140	AT AT AT AT and Start/Stop AT AT and Start/Stop AT	07.19- 07.19- 07.19- 07.19- 07.19- 07.19- 07.19-	115539 115561 115402 115638 116156 116097	12 2.0 12 1.7 12 1.8 12 1.7 12 2.0 12 2.0	A49
Q3 Sportback 2.0 TFSi Quattro 40	[DKTC]	11.19-	116387	14 140	A25	11.19- 11.19-	115561 115900	12 1.7 12 1.1		
Q3 Sportback 2.0 TFSi Quattro 45	[DKTA]	06.19-	116387	14 140	A25	06.19- 06.19-	115561 115900	12 1.7 12 1.1		
Q5 2.0 Tdi	[CAGA]	08.09- 08.09- 08.09- 05.13 08.09-	114322 115901 116717 116380	14 140 14 150 14 140 14 140		08.09- 08.09- 08.09- 05.13 08.09-	115394 115948 115636 115635	12 1.1 12 2.2 12 1.7 12 1.7		
	[CAGB]	08.09- 08.09- 08.09- 05.17 08.09- 05.17 08.09-	114322 115901 116717 116719 116380	14 140 14 150 14 140 14 180 14 140		08.09- 08.09- 08.09- 05.17 08.09-	115394 115948 115636 115635	12 1.1 12 2.2 12 1.7 12 1.7		
	[CAHA]	11.08- 11.08- 09.12 11.08-	114322 116717 116380	14 140 14 140 14 140		11.08- 11.08- 09.12 11.08-	115559 115636 115635	12 1.4 12 1.7 12 1.7		
	[CAHB]	11.08- 11.08- 11.08- 11.08- 11.08- 05.17 11.08- 05.17 11.08-	114322 115901 116146 116717 116719 116380	14 140 14 150 14 200 14 140 14 180 14 140		11.08- 11.08- 11.08- 11.08- 11.08- 05.17 11.08-	115394 115948 115635 115636	12 1.1 12 2.2 12 1.7 12 1.7		
	[CGLA]	11.08- 11.08- 11.08- 11.08- 05.17 11.08- 05.17 11.08-	114322 115901 116146 116717 116719 116380	14 140 14 150 14 200 14 140 14 180 14 140		11.08- 11.08- 11.08- 11.08- 05.17 11.08-	115394 115735 115635 115636	12 1.1 12 2.0 12 1.7 12 1.7		
	[CGLB]	11.08- 11.08- 09.12 11.08-	114322 116717 116380	14 140 14 140 14 140		11.08- 11.08-	115394 115635	12 1.1 12 1.7		

AUDI Continued

	[CGLD]	11.08-	114322	14 140		11.08-	115394	12 1.1	
		11.08-	115901	14 150		11.08-	115733	12 1.7	
		11.08-	116146	14 200		11.08-	115635	12 1.7	
		11.08- 05.17	116717	14 140	A25	11.08-	115636	12 1.7	
		11.08- 05.17	116719	14 180					
		11.08-	116380	14 140					
	[CHNA]	09.15- 05.17	116719	14 180					
	[CJCA]	08.09-	114322	14 140		08.09-	115394	12 1.1	
		08.09-	115901	14 150		08.09-	115733	12 1.7	
		11.11- 05.13	116380	14 140		11.10-	115948	12 2.2	
		08.09- 05.13	116717	14 140	A25	11.10- 05.13	115636	12 1.7	
					A25	11.11- 05.13	115735	12 2.0	
					08.09-	115635	12 1.7		
	[CJCB]	08.09-	114322	14 140		08.09-	115394	12 1.1	
		08.09-	115901	14 150		11.10-	115635	12 1.7	
		08.09-	116380	14 140		A25	11.10- 05.17	115636	12 1.7
		08.09- 05.17	116717	14 140		08.09-	115733	12 1.7	
		08.09- 05.17	116719	14 180					
	[CJCD]	05.13-	115901	14 150	A25	05.13-	115735	12 2.0	
		05.13-	116146	14 200		05.13-	115635	12 1.7	
		05.13- 05.17	116719	14 180					
	[CJCD,CSUA]	06.12- 05.17	115901	14 150		06.12- 05.17	115735	12 2.0	
		06.12- 05.17	116146	14 200		06.12- 05.17	115635	12 1.7	
		06.12- 05.17	116719	14 180					
	[CMGA]	11.08-	114322	14 140		11.08-	115394	12 1.1	
		11.08- 09.12	116717	14 140		11.08-	115635	12 1.7	
		11.08-	116380	14 140					
	[CNHA]	05.15- 05.17	115901	14 150	A25	05.15- 05.17	115735	12 2.0	
		05.15- 05.17	116719	14 180					
	[CSUB]	05.14- 05.17	115901	14 150		05.14- 05.17	115735	12 2.0	
		05.14- 05.17	116719	14 180					
Q5 2.0 TDi Quattro	[CGLB,CAHA]	11.08- 09.12	116380	14 140	A25	11.08- 09.12	115636	12 1.7	
		06.12-	115901	14 150		06.12-	115733	12 1.7	
	[CGLC]	06.12-	116146	14 200		06.12-	115635	12 1.7	
		06.12- 05.17	116717	14 140					
	[CJCD]	05.13-	115901	14 150		05.13-	115735	12 2.0	
		05.13-	116146	14 200		05.13-	115635	12 1.7	
		05.13- 05.17	116719	14 180					
	[CMGB]	06.12-	115901	14 150		06.12-	115948	12 2.2	
		06.12-	116146	14 200		06.12-	115635	12 1.7	
		06.12- 05.17	116717	14 140	A25	06.12- 05.17	115636	12 1.7	
	[CNHA]	11.13- 05.17	116719	14 180					
Q5 2.0 TFSi	[CAEB]	11.08-	115367	14 140		11.08-	115948	12 2.2	
	[CDNB]	08.09-	115367	14 140	A25	08.09-	116486	12 1.7	
	[CDNC]	11.08-	115367	14 140		11.08-	116054	12 1.4	
	[CNCB]	08.09-	115367	14 140		08.09-	115948	12 2.2	
	[CPMA]	11.08-	115367	14 140	A25	11.08-	116486	12 1.7	
	[CNCD]	06.12- 05.16	116201	14 150		06.12- 05.16	115635	12 1.7	
Q5 2.0 TFSi Quattro	[CDNC]	11.08- 09.12	115367	14 140		11.08- 09.12	115948	12 2.2	
Q5 3.0 TDi	[CCWA]	11.08-	114780	14 140 A49	A25	11.08-	116486	12 1.7	
		11.08-	116354	14 140	A25	11.08-	115636	12 1.7	
	[CCWB]	11.08-	114780	14 140 A49	A25	11.08-	116486	12 1.7	
		11.08-	116354	14 140	A25	11.08-	115636	12 1.7	
Q5 3.0 TDi Quattro	[CCWA]	11.08- 04.13	116354	14 140	A25	11.08- 04.13	115636	12 1.7	
	[CDUD]	06.12- 05.17	116614	14 200	A25	06.12- 05.17	115636	12 1.7	
	[CTBA]	11.13- 05.17	116614	14 200	A25	11.13- 05.17	115636	12 1.7	
	[CGQB]	12.12- 05.15	116614	14 200	A25	12.12- 05.15	115636	12 1.7	
Q5 3.0 TDi Quattro SQ5	[CVUB]	04.15- 05.17	116614	14 200	A25	04.15- 05.17	115636	12 1.7	
	[DEHA]	11.15- 05.17	116614	14 200	A25	11.15- 05.17	115636	12 1.7	
Q7 3.0 TDi	[BUG]	03.06- 05.08	114408	14 180		03.06- 05.08	115559	12 1.4	
		03.06- 05.08	114408	14 180		03.06- 05.08	115559	12 1.4	
		03.06- 11.07	114408	14 180		03.06- 11.07	115559	12 1.4	
		03.06- 11.07	115910	14 180		03.06- 11.07	115502	12 2.2 A49	
	[CASA]	11.07-	114408	14 180		11.07-	115559	12 1.4	
		11.07-	115910	14 180		11.07-	115502	12 2.2 A49	
		11.07-	116583	14 180		11.07-	114775	12 2.2	
						11.07-	116000	12 2.0	
	[CASB]	11.07-	114408	14 180		11.07-	115559	12 1.4	
		11.07-	115910	14 180		11.07-	115502	12 2.2 A49	
	[CCMA]	06.09-	115910	14 180		06.09-	115502	12 2.2 A49	
		06.09-	116583	14 180		06.09-	114775	12 2.2	
						06.09-	116000	12 2.0	
	[CJGA]	06.09-	115910	14 180		06.09-	115502	12 2.2 A49	
		06.09-	116583	14 180		06.09-	114775	12 2.2	
						06.09-	116000	12 2.0	
	[CJGC]	05.10-	115910	14 180		05.10-	115502	12 2.2 A49	
		05.10-	116583	14 180		05.10-	114775	12 2.2	
						05.10-	116000	12 2.0	
	[CJGD]	05.11-	115910	14 180		05.11-	115502	12 2.2 A49	
		05.11-	116583	14 180		05.11-	114775	12 2.2	
		05.11-	116614	14 200		05.11-	114690	12 2.0	
						05.11-	116000	12 2.0	
	[CJMA]	05.10-	115910	14 180		05.10-	115502	12 2.2 A49	
		05.10-	116583	14 180		05.10-	114775	12 2.2	
						05.10-	116000	12 2.0	
	[CLZB]	05.11-	115910	14 180		05.11-	114775	12 2.2	
		05.11-	116583	14 180		05.11-	114776	12 2.3	
		05.11-	116614	14 200		05.11-	114690	12 2.0	
						05.11-	116000	12 2.0	
	[CNRB]	06.09-	115910	14 180		06.09-	115502	12 2.2	
		06.09-	116583	14 180		06.09-	114775	12 2.2	
						06.09-	116000	12 2.0	
	[CRCA]	05.11-	115910	14 180		05.11-	115502	12 2.2 A49	
		05.11-	116583	14 180		05.11-	114775	12 2.2	
05.11-		116614	14 200		05.11-	114776	12 2.3		
				A25	05.11-	116000	12 2.0		
Q7 3.0 TDi Quattro	[BUG]	03.06- 05.08	114408	14 180		03.06- 05.08	115559	12 1.4	
		03.06- 05.08	115906	14 180		03.06- 05.08	115375	12 2.0	
		03.06- 05.08	115910	14 180		03.06- 05.08	114775	12 2.2	



	[CASB, BUN]	03.06- 05.10	114408	14 180		03.06- 05.10	115559	12 1.4	
		03.06- 05.10	115906	14 180		03.06- 05.10	115375	12 2.0	
		03.06- 05.10	115910	14 180		03.06- 05.10	114775	12 2.2	
	[CCMA, CASA, C, JGA]	11.07- 05.12	115906	14 180		11.07- 05.12	115375	12 2.0	
		11.07- 05.12	115910	14 180		11.07- 05.12	114775	12 2.2	
		11.07- 05.12	116583	14 180		11.07- 05.12	114776	12 2.3	
						11.07- 05.12	116000	12 2.0	
	[CJMA]	11.10- 08.15	115910	14 180		11.10- 08.15	114775	12 2.2	
		11.10- 08.15	116583	14 180		11.10- 08.15	114776	12 2.3	
						11.10- 08.15	116000	12 2.0	
	[CRCA, CLZB]					05.11- 08.15	116000	12 2.0	
						08.15- 12.19	116000	12 2.0	
Q7 3.0 TFSi	[CJTC]					A25	05.10-	116054	12 1.4 A49
Q7 3.0 TFSi Quattro	[CJTB]						05.10- 08.15	116054	12 1.4
Q7 3.6 FSi	[BHK]	08.06- 05.10	116186	14 180		08.06- 05.10	114775	12 2.2	
		08.06- 05.10	116791	14 180		08.06- 05.10	116054	12 1.4 A49	
						08.06- 05.10	116039	12 1.7	
Q7 3.6 FSi Quattro	[BHK]	08.06- 05.10	116186	14 180		08.06- 05.10	114775	12 2.2	
		08.06- 05.10	116791	14 180		08.06- 05.10	116054	12 1.4 A49	
						08.06- 05.10	116039	12 1.7	
Q7 4.2 FSi	[BAR]	03.06- 05.10	116791	14 180		03.06- 05.10	116054	12 1.4 A49	
						03.06-	115996	12 1.4	
Q7 4.2 FSi Quattro	[BAR]	08.06- 05.10	116791	14 180		08.06- 05.10	116054	12 1.4 A49	
						08.06- 05.10	115996	12 1.4	
RS 2.5 Quattro	[CZGA]					05.13-	115561	12 1.7	
RS3 2.5 Quattro Sportback	[CZGB]					03.15-	115561	12 1.7	
RS6 5.0 Quattro	[BUH]					05.08- 08.10	115996	12 1.4	
S3 1.8 Quattro	[AMK]	09.00- 04.02	111989	14 90		09.00- 04.02	112429	12 2.0	
		09.00- 04.02	112075	14 70		09.00- 04.02	115560	12 1.7	
		09.00- 04.02	115483	14 120 A49		09.00- 04.02	115900	12 1.1	
		03.99- 04.02	112002	14 120 A47		03.99- 04.02	113773	12 1.1	
	[APY]	08.98- 08.00	111989	14 90		08.98- 08.00	112429	12 2.0	
		08.98- 08.00	112075	14 70		08.98- 08.00	115560	12 1.7	
		08.98- 08.00	115483	14 120 A49		08.98- 08.00	115900	12 1.1	
	[AUL]	03.99- 04.02	112002	14 120 A47		03.99- 04.02	113773	12 1.1	
		09.00- 04.02	115483	14 120 A49		09.00- 04.02	115696	12 1.1	
		03.99- 04.02	111989	14 90		03.99- 04.02	112429	12 2.0	
	[BAM]	03.99- 04.02	112002	14 120		03.99- 04.02	113773	12 1.1	
		08.01- 06.03	115483	14 120 A49		08.01- 06.03	115696	12 1.1	
		10.01-	111989	14 90		10.01-	112429	12 2.0	
		10.01-	112002	14 120 A47		10.01-	113773	12 1.1	
S3 2.0 Quattro	[BHZ]	06.08-	113992	14 140		06.08-	115561	12 1.7	
		06.08- 03.13	113992	14 140		06.08- 03.13	115333	12 1.0	
S3 2.0 TFSi Quattro	[BHZ]	11.06-	113992	14 140		11.06-	115561	12 1.7	
						11.06- 08.12	115333	12 1.0	
		11.06- 08.12	113992	14 140		08.91- 07.94	111010	12 1.4	
S4 2.2 Turbo Quattro	[AAN]					03.03- 12.04	116505	12 1.7	
S4 4.2 Quattro	[BBK]					11.04-	116505	12 1.7	
S4 4.2 V8 Quattro	[BBK]					11.04-	116505	12 1.7	
S5 4.2 Quattro	[CAUA]					06.07-	115559	12 1.4	
						06.07-	116054	12 1.4 A49	
S6 2.2 Turbo Quattro	[AAN]	06.94-	112806	14 120		06.94-	111010	12 1.4	
S8 4.2 Quattro	[AHC]	07.96- 06.99	115967	14 150					
		07.96- 06.99	115967	14 150					
SQ5 3.0 TDi Quattro	[CVUB]					04.15-	115735	12 2.0	
						11.15-	115735	12 2.0	
TT 1.8 TFSi	[CDAA]	06.08- 06.14	116716	14 140					
		07.98-	111989	14 90		07.98-	112429	12 2.0	
TT 1.8 Turbo	[AJQ]	10.98-	112002	14 120 A47		10.98-	111909	12 1.1	
		10.98- 08.00	115483	14 120 A49		10.98- 08.00	114174	12 1.1	
						10.99-	112005	12 1.1	
						10.99-	113842	12 1.7	
						10.99-	115900	12 1.1	
	[APP]	10.98-	111989	14 90		10.98-	112429	12 2.0	
		10.98-	112002	14 120		10.98-	113509	12 1.7	
		11.98- 09.00	115483	14 120 A49		11.98- 09.00	114174	12 1.1	
						10.99-	112005	12 1.1	
						10.99-	113841	12 1.7	
	[ATC]	10.98-	111989	14 90		10.98-	112005	12 1.1	
		10.98-	112002	14 120		10.98-	113773	12 1.1	
		10.98- 08.00	115483	14 120 A49		10.98- 08.00	116703	12 1.4	
						10.99-	113841	12 1.7	
						10.99-	115900	12 1.1	
	[AUM]	01.01-	111989	14 90		01.01-	112005	12 1.1	
		01.01-	115483	14 120 A49		01.01-	115900	12 1.1	
		09.02-	112002	14 120 A47		09.02-	113841	12 1.7	
	[AUQ]	10.98-	111989	14 90		08.00-	115900	12 1.1	
		10.98-	112002	14 120		09.00- 06.06	114174	12 1.1	
		08.00-	115483	14 120 A49		10.98-	112429	12 2.0	
						10.98-	113509	12 1.7	
						10.98-	113773	12 1.1	
[AWP]		10.98-	111989	14 90		10.98-	112429	12 2.0	
		10.98-	112002	14 120		10.98-	113773	12 1.1	
		10.98- 06.06	115483	14 120 A49		10.98- 06.06	114163	12 1.1	
						10.99-	112005	12 1.1	
						10.99-	115900	12 1.1	
[BVP]		09.05-	111989	14 90		09.05-	112005	12 1.1	
		09.05-	112002	14 120 A47		09.05-	115333	12 1.0	
		09.05-	115483	14 120 A49		09.05-	115638	12 1.7	
[BVR]		09.05-	111989	14 90		09.05-	111909	12 1.1	
		09.05-	112002	14 120 A47		09.05-	112005	12 1.1	
		09.05-	115483	14 120 A49		09.05-	115333	12 1.0	
						09.05-	115504	12 1.1 A49	

AUDI Continued

TT 1.8 Turbo Quattro	[AJQ]	02.00-	112002	14	120	A47	02.00-	113842	12	1.7
		02.00-	115483	14	120	A49	02.00-	115900	12	1.1
		07.98-	111989	14	90		07.98-	112429	12	2.0
							10.98-	111749	12	1.1
							10.98-	114174	12	1.1
		10.98-	111989	14	90		10.98-	112005	12	1.1
[AMU]		10.98-	112002	14	120		10.98-	113842	12	1.7
		10.98-	115483	14	120	A49	10.98-	115638	12	1.7
		10.98-	111989	14	90		10.98-	112429	12	2.0
[APX]		10.98-	115483	14	120	A49	10.98-	114174	12	1.1
		10.98-	112002	14	120	Change pulley	10.98-	113509	12	1.7
		AC 10.98-								
[ARY]		02.00-	112002	14	120		02.00-	113841	12	1.7
		02.00-	115483	14	120	A49	02.00-	115900	12	1.1
		10.98-	111989	14	90		10.98-	112005	12	1.1
							10.98-	113773	12	1.1
							10.98-	116703	12	1.4
[AUM]		10.99-	111989	14	90		10.99-	112005	12	1.1
		10.99-	112002	14	120		10.99-	115539	12	2.0
		10.99-	115483	14	120	A49	10.99-	115638	12	1.7
[AUQ]		02.00-	111989	14	90		02.00-	112005	12	1.1
		07.98- 08.00	115483	14	120	A49	07.98- 08.00	116703	12	1.4
		10.98-	112002	14	120		10.98-	113773	12	1.1
[AWP]		02.00-	112002	14	120		02.00-	113841	12	1.7
		02.00-	115483	14	120	A49	02.00-	115900	12	1.1
		10.98-	111989	14	90		10.98-	112005	12	1.1
							10.98-	113773	12	1.1
							10.98-	116156	12	2.0
[BAW]		09.00-	115483	14	120	A49	09.00-	115638	12	1.7
		10.98-	111989	14	90		10.98-	112005	12	1.1
		10.98-	112002	14	120		10.98-	113842	12	1.7
							10.99-	115560	12	1.7
[BFV]		03.05-	111989	14	90		03.05-	112005	12	1.1
		03.05-	112002	14	120	A47	03.05-	115561	12	1.7
		03.05-	115483	14	120	A49	03.05-	115638	12	1.7
[BVR]		09.05-	111989	14	90		09.05-	111909	12	1.1
		09.05-	112002	14	120	A47	09.05-	112005	12	1.1
		09.05-	115483	14	120	A49	AT 09.05-	115333	12	1.0
							09.05-	115504	12	1.1
										A49
TT 1.8 Turbo Roadster	[AUM]	01.01-	111989	14	90		01.01-	112429	12	2.0
		01.01-	112002	14	120	A47	01.01-	113509	12	1.7
		01.01-	115483	14	120	A49	AT 01.01-	114174	12	1.1
TT 1.8 Turbo	[APP]	09.99- 06.06	111989	14	90		09.99- 06.06	111909	12	1.1
		09.99- 06.06	112002	14	120		09.99- 06.06	115504	12	1.1
		09.99- 06.06	114109	14	180		09.99- 06.06	114174	12	1.1
TT 2.0 TDI	[CUNA]	07.14-	116717	14	140					
		09.14-	115898	14	140					
TT 2.0 TDi Quattro	[CBBB]	06.08-	113992	14	140		06.08-	114174	12	1.1
		06.08-	115433	14	140					
		06.08-	116036	14	140					
		06.08-	116452	14	140					
	[CFGB]	06.08-	113992	14	140		06.08-	114174	12	1.1
		06.08-	115433	14	140					
		06.08-	116036	14	140					
		06.08-	116452	14	140					
	[CUNA]	01.17-	115898	14	140					
		01.17-	116359	14	140					
		01.17-	116717	14	140					
TT 2.0 TFSi	[BWA]	08.06- 06.10	113992	14	140		08.06- 06.10	115504	12	1.1
							03.07- 06.10	115508	12	1.7
	[CESA]	05.10- 06.14	116716	14	140					
	[DKZB]	07.18-	116386	14	140					
		07.18-	116387	14	140					
TT 2.0 TFSi Quattro	[BWA]	06.08- 06.10	114722	14	140		06.08- 06.10	114174	12	1.1
		05.08-	113992	14	140		05.08-	115508	12	1.7
	[CDLB]	05.08-	115433	14	140					A49
		05.08-	116036	14	140					
		05.08-	116452	14	140					
	[CESA]	05.10- 06.14	116716	14	140					
	[CETA]	05.10- 06.14	116716	14	140					
TT 2.5 TFSi Quattro	[CEPA]	07.09-	113992	14	140		07.09-	114174	12	1.1
TT 3.2 V6 Quattro	[BUB]	08.06- 06.10	113992	14	140		08.06- 06.10	115508	12	1.7
TT 3.2 VR6 Quattro	[BHE]	07.03-	111989	14	90		07.03-	112005	12	1.1
		07.03-	112002	14	120	A47	07.03-	113841	12	1.7
		07.03- 06.06	115483	14	120	A49	07.03-	113842	12	1.7
							07.03- 06.06	115638	12	1.7
							07.03-	115900	12	1.1
	[BPF]	07.03- 05.05	115483	14	120	A49	06.04- 05.05	111909	12	1.1
		06.04- 05.05	111989	14	90		06.04- 05.05	115504	12	1.1
		06.04- 05.05	112002	14	120	A47				
		11.14-	115898	14	140		11.14-	115539	12	2.0
		11.14-	116717	14	140		11.14-	116156	12	2.0
Tt Roadster 2.0 TDi Quattro	[CUNA]									
		01.17-	115898	14	140		01.17-	115561	12	1.7
		01.17-	116359	14	140		01.17-	116703	12	1.4
		01.17-	116717	14	140		01.17-	115900	12	1.1
TT Roadster 2.0 TFSi	[CHHC]						11.14-	115900	12	1.1
TT Roadster 2.0 TTS Quattro	[CJXF]						02.15-	115900	12	1.1
	[CJXG]						11.14-	115900	12	1.1
TT Roadster 2.5 TFSi Quattro	[CEPB]						03.12-	115638	12	1.7
Various Models							AT 08.88- 08.91	110865	12	0.95
							08.91-	111010	12	1.4
							06.91- 07.94	112537	12	2.2
							06.94-	112321	12	1.1
							11.94-	112309	12	1.4
PASSENGER CARS US										
80 2.0	[3A]	01.88- 01.90	112729	14	90		01.88- 01.90	110865	12	0.95
80 2.3	[NG]						01.91- 01.92	111010	12	1.4
80 2.3 Quattro	[NG]						01.88- 01.92	111010	12	1.4
90 2.0	[3A]	01.88- 01.88	112729	14	90		01.88- 01.88	110865	12	0.95
90 2.8	[AFC]	01.95- 01.95	112806	14	120		01.95- 01.95	112309	12	1.4



	[AAH]	01.95-	112806	14	120		01.95-	111010	12	1.4
							01.95-	112309	12	1.4
90 2.8 Quattro	[AFC]	01.95- 01.95	112806	14	120		01.95- 01.95	112309	12	1.4
	[AAH]	01.95-	112806	14	120		01.95-	112309	12	1.4
90 2.8 Sport	[AFC]	01.95- 01.95	112806	14	120		01.95- 01.95	112309	12	1.4
	[AAH]	01.95-	112806	14	120		01.95-	112309	12	1.4
90 2.8 Sport Quattro	[AFC]	01.95- 01.95	112806	14	120		01.95- 01.95	112309	12	1.4
	[AAH]	01.95-	112806	14	120		01.95-	112309	12	1.4
90 2.8 CS	[AFC]	01.94- 01.94	112806	14	120		01.94- 01.94	112309	12	1.4
	[AAH]	01.93- 01.94	112806	14	120		01.93- 01.94	111010	12	1.4
90 2.8 CS Quattro	[AFC]	01.94- 01.94	112806	14	120		01.94- 01.94	112309	12	1.4
	[AAH]	01.93- 01.94	112806	14	120		01.93- 01.94	112309	12	1.4
90 2.8 S	[AFC]	01.94- 01.94	112806	14	120		01.94- 01.94	112309	12	1.4
	[AAH]	01.93- 01.94	112806	14	120		01.93- 01.94	111010	12	1.4
100 1.9 LS	[YA]	01.75-	111139	14	75		01.75-	111010	12	1.4
	[YB]	01.75- 01.75	111139	14	75		01.75- 01.75	111010	12	1.4
	[YC]	01.75- 01.77	111139	14	75		01.75- 01.77	111010	12	1.4
	[YD]	01.75- 01.77	111139	14	75		01.75- 01.77	111010	12	1.4
100 2.8	[AAH]	01.92- 01.93	112806	14	120		01.92- 01.93	111010	12	1.4
							01.92- 01.93	112309	12	1.4
100 2.8 CS	[AAH]	01.92- 01.94	112806	14	120		01.92- 01.94	112309	12	1.4
100 2.8 CS Quattro	[AAH]	01.92- 01.93	112806	14	120		01.92- 01.93	112309	12	1.4
100 2.8 S	[AAH]	01.92- 01.94	112806	14	120		01.92- 01.94	112309	12	1.4
100 2.8 S Quattro	[AAH]	01.93-	112806	14	120		01.93-	112309	12	1.4
200 2.2 Quattro	[MC]	01.89-	112729	14	90		01.89-	111010	12	1.4
200 2.2 Turbo 10V Quattro	[MC]						01.91-	111010	12	1.4
200 2.2 Turbo 20V Quattro	[3B]						01.91-	111010	12	1.4
200 2.2 Turbo	[MC]	01.89-	112729	14	90		01.89-	111010	12	1.4
200 2.2 Turbo Quattro	[MC]						01.90-	111010	12	1.4
4000 1.6	[CR]	01.82-	111035	14	65		01.82-	111010	12	1.4
	[JK]	01.83-	111035	14	65		01.83-	111010	12	1.4
4000 1.6 Turbo	[CY]	01.82- 01.83	111035	14	65		01.82- 01.83	111010	12	1.4
4000 1.6	[YG]	01.80-	110913	14	70		01.80-	110865	12	0.95
	[YH]	01.80-	110913	14	70		01.80-	110865	12	0.95
4000 1.7	[WT]	01.81- 01.83	110913	14	70		01.81- 01.83	110865	12	0.95
4000 1.8 S	[MG]	01.87-	112729	14	90					
4000 2.2	[WE]	01.80- 01.83	110911	14	55		01.80- 01.83	110865	12	0.95
		01.80- 01.83	111139	14	75		01.80- 01.83	111010	12	1.4
5000 2.0	[CN]	01.79- 01.80	110911	14	55		01.79- 01.80	111010	12	1.4
		01.79- 01.80	111139	14	75		01.81- 01.81	110368	12	2.3
5000 2.0 S	[CN]	01.79- 01.80	110911	14	55		01.79- 01.80	111010	12	1.4
		01.79- 01.80	111139	14	75					
5000 2.2	[WD]	01.78- 01.80	110911	14	55		01.78- 01.80	111010	12	1.4
		01.78- 01.80	111139	14	75		01.81- 01.83	110368	12	2.3
		01.81- 01.83	110913	14	70					
	[WE]	01.78- 01.80	110911	14	55		01.78- 01.80	111112	12	2.0
		01.78- 01.80	111139	14	75		01.81- 01.83	110368	12	2.3
		01.81- 01.83	110913	14	70					
5000 2.2 CS Turbo	[MC]	01.86- 01.88	112729	14	90					
5000 2.2 CS Turbo Quattro	[MC]	01.86- 01.88	112729	14	90					
5000 2.2 S Turbo	[WK]	01.80- 01.80	110911	14	55		01.80- 01.80	110368	12	2.3
		01.80- 01.80	111139	14	75					
5000 2.2 S	[KZ]	01.88-	112729	14	90					
	[WD]	01.79- 01.80	110911	14	55		01.79- 01.80	111010	12	1.4
		01.79- 01.80	111139	14	75					
	[WE]	01.79- 01.80	110911	14	55		01.79- 01.80	111010	12	1.4
		01.79- 01.80	111139	14	75					
5000 2.2 Turbo	[WK]	01.81- 01.83	110913	14	70					
		01.81- 01.83	111139	14	75					
A4 1.8 Turbo	[AEB]	01.97-	111478	14	90		01.97-	112321	12	1.1
	[AMB]	01.02- 01.03	112399	14	90		01.02- 01.03	112321	12	1.1
	[ATW]	01.00- 01.00	112399	14	90		01.00- 01.00	112321	12	1.1
	[AWM]	01.01- 01.01	112399	14	90		01.01- 01.01	112321	12	1.1
A4 1.8 Turbo Quattro	[AEB]	01.97-	111478	14	90		01.97-	112321	12	1.1
	[AMB]	01.02- 01.03	112399	14	90		01.02- 01.03	112321	12	1.1
	[ATW]	01.00- 01.00	112399	14	90		01.00- 01.00	112309	12	1.4
							01.00- 01.00	112321	12	1.1
	[AWM]	01.01- 01.01	112399	14	90		01.01- 01.01	112321	12	1.1
A4 2.8	[AFC]	01.96- 01.97	112806	14	120		01.96- 01.97	112309	12	1.4
	[AHA]	01.97-	112806	14	120		01.97-	112309	12	1.4
	[ATQ]	01.00- 01.01	112806	14	120		01.00- 01.01	112309	12	1.4
A4 2.8 Quattro	[AFC]	01.96- 01.97	112806	14	120		01.96- 01.97	112309	12	1.4
	[AHA]	01.98- 01.99	112806	14	120		01.98- 01.99	112309	12	1.4
	[ATQ]	01.00- 01.00	112806	14	120		01.00- 01.00	116344	12	1.4
		01.01- 01.01	112399	14	90		01.01- 01.01	112321	12	1.1
A4 3.0 Quattro	[AVK]						01.02- 01.02	116344	12	1.4
A6 2.7 Turbo Quattro	[APB]						01.00- 01.02	116344	12	1.4
A6 2.8	[AFC]	01.95- 01.97	112806	14	120		01.95- 01.97	112309	12	1.4
	[AHA]	01.98- 01.99	112806	14	120		01.98- 01.99	112309	12	1.4
	[ATQ]	01.00- 01.00	112806	14	120		01.00- 01.00	112309	12	1.4
	[AAH]	01.95-	112806	14	120		01.95-	112309	12	1.4
A6 2.8 Quattro	[AFC]	01.95- 01.97	112806	14	120		01.95- 01.97	112309	12	1.4
							01.96- 01.97	116344	12	1.4
	[AHA]	01.98- 01.98	112806	14	120		01.98- 01.98	116344	12	1.4
	[ATQ]						01.00- 01.00	116344	12	1.4
A6 3.0 Quattro	[AVK]						01.02- 01.02	116344	12	1.4
Allroad 2.7 Turbo Quattro	[APB]						01.01- 01.01	116344	12	1.4
Cabriolet 2.8	[AFC]	01.95- 01.95	112806	14	120		01.95- 01.95	112309	12	1.4
	[AAH]	01.94-	112806	14	120		01.94-	112309	12	1.4
Coupe 2.2	[WE]	01.81- 01.82	111139	14	75		01.81- 01.82	111010	12	1.4
Coupe 2.2 GT	[KX]	01.86- 01.87	112729	14	90		01.86- 01.87	111010	12	1.4
	[WE]	01.83-	110913	14	70		01.83-	111010	12	1.4
		01.83-	111139	14	75					
Coupe 2.2 Turbo Quattro	[WX]	01.83- 01.84	111139	14	75		01.83- 01.84	111010	12	1.4
Coupe 2.3 GT	[NG]	01.87-	112729	14	90		01.87-	111010	12	1.4
Fox 1.6	[YK]	01.76-	110975	14	65					
S4 2.2 Turbo	[AAN]						01.92- 01.93	111010	12	1.4
S4 2.7 Turbo	[APB]						01.00- 01.01	116344	12	1.4
S6 2.2 Turbo	[AAN]	01.95-	112806	14	120		01.95-	111010	12	1.4


AUDI Continued

TT 1.8 Turbo	[AWP]	01.03-	112002	14	120	A47	01.03-	112429	12	2.0
TT 1.8 Turbo Quattro	[BEA]	01.03-	115483	14	120	A49	01.03-	112005	12	1.1
		01.03-	112002	14	120	A47	01.03-	112429	12	2.0
		01.03-	115483	14	120	A49	01.03-	112005	12	1.1
PASSENGER CARS AO										
A3 3.2 V6	[BMJ]	11.05-	113992	14	140		11.05-	113773	12	1.1
	[BUB]	11.05-	113992	14	140		11.05-	113773	12	1.1
A4 1.8 FSi	[CDHA]	04.08-	115367	14	140		04.08-	115733	12	1.7
		04.08- 12.15	116201	14	150					
A4 2.0 TDi	[BVF]	11.05- 03.08	113992	14	140		AT 11.05- 03.08	114177	12	2.0
A4 2.4	[AFM]	06.96- 07.97	111478	14	90		06.96- 07.97	114096	12	2.0
		06.96- 07.97	112086	14	60		06.96- 07.97	115394	12	1.1
A4 2.7 TDi	[CAMB]	06.08-	114780	14	140	A49	06.08-	115948	12	2.2
		06.08-	116354	14	140					
	[CGKB]	06.08-	114780	14	140	A49	06.08-	115948	12	2.2
		06.08-	116354	14	140					
A6 3.2 FSi Quattro	[BYU]	09.06-	115414	14	180					
A8 3.0 L Quattro	[BBJ]	11.03- 05.04	113751	14	120		11.03- 05.04	116344	12	1.4
TT 2.0 Quattro	[CDLA]	05.08-	113992	14	140		05.08-	113773	12	1.1
		05.08-	115433	14	140		05.08-	115638	12	1.7
		05.08-	115730	14	140					
		05.08-	116036	14	140					
		05.08-	116452	14	140					
	[CDMA]	05.08-	113992	14	140		A41 05.08-	115333	12	1.0
		05.08-	115433	14	140		05.08-	115638	12	1.7
		05.08-	115730	14	140					
		05.08-	116036	14	140					
		05.08-	116452	14	140					
Audi (FAW)										
PASSENGER CARS AO										
A4L 3.0 TFSi Quattro							A25 08.12-	116486	12	1.7
A6L 3.0 FSi Quattro							A25 01.12-	116486	12	1.7
Q3 2.0 TFSi		04.13-	116716	14	140					
Q3 2.0 TFSi Quattro		04.13- 12.16	116716	14	140					
Q5 2.0 TFSi Quattro		04.13- 12.15	116201	14	150					
Austin										
PASSENGER CARS EU										
1100 MK 1.1		01.72- 12.74	110178	14	36		01.72- 12.74	111102	12	0.8
1300 MK 1.3		01.73- 12.74	110759	14	35					
		01.72- 12.74	110178	14	36		01.72- 12.74	111102	12	0.8
1300 MK 1.3 GT		01.73- 12.74	110759	14	35					
		01.73- 12.74	110759	14	35					
Allegro 1.0		01.72- 12.74	110178	14	36		01.72- 12.74	111102	12	0.8
		01.80- 10.83	111185	14	43	A47				
Allegro 1.1	[10H]	05.73- 10.81	110178	14	36		05.73- 10.81	111102	12	0.8
		05.73- 04.77	110759	14	35					
		05.73- 10.81	111185	14	43	A47				
Allegro 1.3	[12H]	05.73- 03.82	110178	14	36		05.73- 03.82	111102	12	0.8
		05.73- 04.77	110759	14	35					
		05.73- 03.82	111185	14	43	A47				
	[12L]	01.75- 10.79	110178	14	36		01.75- 10.79	111102	12	0.8
		01.75- 10.79	113378	14	45					
12.79- 12.84		110759	14	35						
Allegro 1.5	[14H]	12.79- 12.84	111185	14	43					
		12.79- 12.84	111289	14	70					
		12.79- 12.84	114121	14	110					
		05.73-	110178	14	36		05.73-	111102	12	0.8
		05.73- 03.82	111185	14	43	A47				
Allegro 1.7	[17LA]	08.75-	113378	14	45					
		01.75- 10.79	110178	14	36		01.75- 10.79	111102	12	0.8
Allegro I Saloon 1.1	[10H]	08.79-	111185	14	43	A47				
		01.80- 12.81	110178	14	36		01.80- 12.81	111102	12	0.8
Ambassador 1.7	[17HL]	01.80- 12.81	110759	14	35					
		01.80- 12.81	111185	14	43					
		01.80- 12.81	111289	14	70					
		03.82- 02.84	111289	14	70					
Ambassador 2.0	[20H]	03.82- 10.84	111289	14	70					
Maestro 1.3	[12H]	03.83- 08.85	110770	14	55		03.83- 08.85	111131	12	0.8
		03.83-	113474	14	65		01.86- 09.92	111059	12	0.9
Maestro 1.6	[12H999AA]	03.83- 08.85	111289	14	70					
		03.83- 10.84	111086	14	65					
	[16H956AK]	03.83- 10.84	113474	14	65					
		03.83- 08.85	111086	14	65					
	[16HA03AL]	03.83-	113474	14	65					
		03.83- 08.90	111086	14	65					
Maestro 1.6 MG	[16HA35AL]	03.83-	113474	14	65					
		03.83- 08.90	111086	14	65					
Maestro 2.0	[20HA50AA]	10.84- 08.90	110770	14	55		10.84- 08.90	111059	12	0.9
		10.84- 08.90	110770	14	55		10.84- 08.90	111059	12	0.9
		10.84- 08.90	110770	14	55		10.84- 08.90	111131	12	0.8
Maestro Estate Van 1.3	[12H959, 12HA04, 12HA20, 12HC34, 12HC32, 12HE, 12H,]	01.85- 12.92	110770	14	55					
		01.85- 12.92	111364	14	55					
		01.85- 12.92	113474	14	65					
	[12HEK, 12HK]	01.85- 12.92	110770	14	55					
		01.85- 12.92	111364	14	55					
		01.85- 12.92	113474	14	65					
Maestro Estate Van 1.6	[16H]	01.86- 09.92	110770	14	55					
		01.86- 09.92	111364	14	55					
		01.86- 09.92	113474	14	65					
Maestro Estate Van 2.0 Diesel	[BA20]	01.86- 09.92	110770	14	55					
		01.86- 09.92	111364	14	55					
		01.86- 09.92	113474	14	65					
Maxi 1.5 1500	[14H]	04.69- 07.80	110178	14	36		04.69- 07.80	111102	12	0.8
Maxi 1.7 1750	[17H]	10.80- 12.82	110178	14	36		10.80- 12.82	111102	12	0.8
		10.80- 12.82	113378	14	45					
Maxi 1.7 1750 HLS	[17H]	10.80- 12.82	113378	14	45					
Maxi 1.8 1750	[17H]	04.69- 10.80	110178	14	36		04.69- 10.80	111102	12	0.8



Metro 1.0	[99H]	10.80- 04.90	111185	14 43	A47	10.80- 04.90	111102	12 0.8
		10.80- 04.90	111289	14 70				
	[99HA65P]	10.80- 04.90	111185	14 43	A47	10.80- 04.90	111102	12 0.8
Metro 1.3	[12H]	10.80- 04.90	111185	14 43	A47	10.80- 04.90	111102	12 0.8
		01.85- 04.90	111289	14 70				
	[12H996AA]	10.80- 12.85	111185	14 43	A47	10.80- 12.85	111102	12 0.8
		01.85- 12.85	111289	14 70				
	[12HA83AA]	10.80- 04.90	111185	14 43	A47	10.80- 04.90	111102	12 0.8
		01.85- 04.90	111289	14 70				
	[12HC21AA]	11.85- 04.90	111289	14 70				
Metro 1.3 Turbo	[12HL]	10.80- 12.83	111185	14 43	A47	10.80- 12.83	111102	12 0.8
	[12HA85AA]	10.83- 04.90	111362	14 55				
Mini 0.85 850	[BMC Serie A]	01.67- 08.79	110178	14 36		01.67- 08.79	111102	12 0.8
Mini 1.0 1000	[99H]	10.67- 08.88	110178	14 36		10.67- 08.88	111102	12 0.8
		10.67- 09.84	111185	14 43	A47			
	[A]	10.67-	110178	14 36		10.67-	111102	12 0.8
		10.67- 09.84	111185	14 43	A47			
Mini 1.0 1000 Mayfair Sport	[99H997P]	08.82- 06.93	111289	14 70				
	[99HA53P]	08.82-	111185	14 43	A47	08.82-	111102	12 0.8
		08.82- 06.93	111289	14 70				
	[99HC20P]	08.82- 06.93	111289	14 70				
	[99HD81]	09.88- 06.93	111204	14 70		09.88- 06.93	111102	12 0.8
		09.88- 06.93	111289	14 70				
Mini 1.1 1100 Special	[10H]	01.76- 08.81	110178	14 36		01.76- 08.81	111102	12 0.8
Mini 1.3 GT 1275		10.69- 08.80	110178	14 36		10.69- 08.80	111102	12 0.8
Montego 1.3	[12HL]	10.84- 08.88	111362	14 55				
Montego 1.6	[16HC37]	04.84- 08.88	111086	14 65				
		AC 04.84- 08.88	112238	14 65				
Montego 2.0	[20H]	04.84- 08.88	110770	14 55				
		04.84- 08.88	110968	14 70				
	AC 04.84- 08.88	111355	14 65					
	[20HSC]	04.84- 08.88	110770	14 55		04.84- 08.88	110443	12 2.1
		04.84- 08.88	110968	14 70				
Montego 2.0 i Turbo	[20HC85]	AC 04.84- 08.88	111355	14 65				
		04.84- 08.88	110770	14 55				
		04.84- 08.88	110968	14 70				
Montego 2.0 i	[20H]	AC 04.84- 08.88	111355	14 65				
		04.84- 08.88	110770	14 55		04.84- 08.88	110443	12 2.1
		04.84- 08.88	110968	14 70				
		04.84- 08.88	111366	14 45				
	AC 04.84- 08.88	111355	14 65					
Princess 1.7 1700	[17HL]	10.78- 10.82	111185	14 43	A47			
Princess 1.8 1800	[18H]	04.76- 09.78	111185	14 43	A47			
Princess 2.0 2000	[20H]	10.78- 10.82	111185	14 43	A47			
Princess 2.2 2200	[22H]	04.76- 09.78	111185	14 43	A47			
PASSENGER CARS US								
America 1.3						01.68- 01.72	111102	12 0.8
Cooper 0.9						01.65- 01.66	111102	12 0.8
Cooper 1.0						01.62- 01.64	111102	12 0.8
Cooper 1.1						01.64- 01.64	111102	12 0.8
Cooper 1.3						01.64- 01.69	111102	12 0.8
Healey 1.0 Sprite						01.62- 01.62	111102	12 0.8
Healey 1.1 Sprite						01.63- 01.66	111102	12 0.8
Healey 1.3 Sprite						01.67- 01.67	111102	12 0.8
Healey MK 1.3 Sprite						01.68- 01.70	111102	12 0.8
Mariner 1.8		01.73- 01.75	110178	14 36				
Mariner 1.8 GT		01.73- 01.75	110178	14 36				
Austin-Healey								
PASSENGER CARS EU								
Sprite MK 1.1	[10CG-D-A]	03.64- 09.66	110497	14 70				
Sprite MK 1.3	[10CG-D-A]	03.66- 10.71	110497	14 70				
Autobianchi								
PASSENGER CARS EU								
A 112 0.9	[A112A5.000]					01.76- 12.78	110365	12 0.8
A 112 0.9 Junior	[A112A5.000]	07.75- 12.85	111078	14 45		07.75- 12.85	110365	12 0.8
	[A112B2.000]	07.75- 12.85	111078	14 45		07.75- 12.85	110365	12 0.8
A 112 1.0 Abarth	[A112A2.000]	01.74- 12.84	111078	14 45		01.74- 12.84	110365	12 0.8
A 112 1.0 E Elite,LX	[A112B1.000]	11.77- 12.84	111078	14 45		11.77- 12.84	110365	12 0.8
Y10 1.0	[156A.000]	03.85-	111035	14 65		03.85-	111025	12 0.8
	[156A2.246]	10.87-	111036	14 45		10.87-	111025	12 0.8
Y10 1.0 4WD	[156A3.000]	12.86-	111036	14 45		12.86-	111025	12 0.8
Y10 1.0 Turbo	[156A1.000]					03.85-	111025	12 0.8
Y10 1.1 4WD	[156C.000]					06.89-	111025	12 0.8
Y10 1.1 i.e.	[156C.046]					09.90-	111025	12 0.8
Y10 1.3 i.e. GT	[146A5.046]	06.89-	111148	14 65		01.89- 09.92	111025	12 0.8
	[156B.000]	06.89-	111148	14 65		06.89-	111025	12 0.8
Avia								
INDUSTRY								
Various Models						01.77- 01.79	111573	12 2.8
Balkancar								
INDUSTRY								
Various Models						01.69-	110442	12 2.1
						01.68- 01.74	110443	12 2.1
							114254	12 2.7 GR
							116134	12 3.0 A49
Barber Greene								
INDUSTRY								
Various Models							113269	12 3.0 GR
Baudouin								
MARINE								
Various Models			110052	28 40				
Bedford								
PASSENGER CARS EU								
Blitz 2.3 Diesel	[23D]	01.80- 12.83	113376	14 55		01.80- 12.83	110844	12 2.2
TL 3.6	[220]					01.80- 11.86	110459	12 2.8
TL 5.4	[330]					01.80- 11.86	110459	12 2.8
						01.80- 11.86	111737	12 2.8
Various Models		01.76- 01.79	113376	14 55		01.76- 01.79	110459	12 2.8



Beijing Benz (BBDC)									
PASSENGER CARS AO									
300 C 2.7	[EER]	10.06-	114832	14	180				
300 C 3.5	[EGG]	10.06-	114832	14	180				
300 C 5.7	[E2B]	10.06-	114832	14	180				
C 230 2.5	[M272.921]	05.08-	115905	14	150				
C 280 3.0	[M272.947]	03.08-	115905	14	150				
E Class 2.5	[M272.922]	11.05- 12.09	115532	14	180				
E Class 3.5	[M272.964]	11.05- 12.09	115532	14	180				
BENFRA									
INDUSTRY									
Various Models	[8031..]					01.79- 06.85	110517	24	3.2
						01.79- 06.85	110529	12	3.0
						07.85-	110521	24	4.0
	[8041..]	01.89- 01.91	111419	28	55	01.80-	110521	24	4.0
						01.89- 01.91	110813	12	2.7
						01.89-	110529	12	3.0
	[8051..]					07.81-	110521	24	4.0
	[8061..]					10.82-	110521	24	4.0
						10.85- 04.91	110529	12	3.0
		05.89-	111419	28	55	05.89-	110814	12	2.7
	[8361..]					01.82-	110518	24	4.0
		05.89-	111419	28	55	05.89-	110517	24	3.2
Bentley									
PASSENGER CARS EU									
Continental 4.0 AWD	[CMMD]					12.13-	115559	12	1.4
	[CYCA]					12.13-	116054	12	1.4 A49
						12.13-	115559	12	1.4
						12.13-	116054	12	1.4 A49
Continental Cabriolet 4.0 AWD	[CMMC]					04.12-	115559	12	1.4
	[CYCB]					04.12-	116054	12	1.4 A49
						04.12-	115559	12	1.4
						04.12-	116054	12	1.4 A49
Continental Convertible 4.0 Gtc AWD	[CYCB,CMMC]					04.12- 01.19	115559	12	1.4
Continental Coupe 4.0 AWD	[CMMC]					09.11-	116054	12	1.4 A49
						04.12-	115559	12	1.4
	[CYCB]					09.11-	115559	12	1.4
						09.11-	116054	12	1.4
Bertolini									
INDUSTRY									
Various Models						01.67-	112171	12	1.1 A49
						04.86- 07.87	112173	12	2.7
						09.87-	111911	12	1.4
							116556	12	1.1
BMW									
PASSENGER CARS EU									
114 1.5 Diesel	(F20)[B37D15A]	07.15- 06.19	116735	14	180				
	(F21)	06.15-	116735	14	180				
114 1.6 Diesel	(F20, F21)[N47D16A]	10.12-	115670	14	220	10.12-	115335	12	2.2
		10.12-	115675	14	180	10.12-	116059	12	2.2 A49
		10.12-	115694	14	180				
	(F21)	07.12-	115670	14	220	07.12-	116059	12	2.2 A49
		07.12-	115675	14	180				
		07.12-	115694	14	180				
114 1.6 i	(F20)[N13B16A]	11.11-	115693	14	170	11.11-	115962	12	1.7
	(F21)	12.11-	115693	14	170	12.11-	115962	12	1.7
116 1.5 Diesel	(F20)[B37D15A]	03.15- 06.19	116735	14	180	A25 03.15- 06.19	116059	12	2.2 A49
	(F21)	03.15-	116735	14	180	A25 03.15-	116059	12	2.2 A49
116 1.6 Diesel	(F20)[N47D16A]	09.11-	115670	14	220	AT 09.11-	114740	12	1.2
		11.12-	115694	14	180	11.12-	114689	12	2.0
	(F21)	12.11-	115670	14	220	12.11-	114740	12	1.2
		12.11-	115694	14	180	12.11-	114689	12	2.0
						12.11-	116059	12	2.2 A49
116 1.6 i	(F20)[N13B16A]	06.11-	115693	14	170	06.11-	114740	12	1.2
	(F21)	12.11-	115693	14	170	06.11-	115962	12	1.7
						12.11-	114740	12	1.2
						12.11-	115962	12	1.7
	(E81, E87)[N43B16A]	03.07- 09.12	115931	14	170	03.07- 09.12	114297	12	1.2
	(E87)	11.03- 09.12	113871	14	150 A49	11.03- 09.12	115398	12	1.7
		11.03- 09.12	115867	14	150	11.03- 09.12	114297	12	1.2
		11.03- 09.12	115931	14	170	11.03- 09.12	116059	12	2.2 A49
		03.07- 09.12	114781	14	110	03.07- 09.12	115335	12	2.2
						03.07- 09.12	114689	12	2.0
	(E81)[N45B16A]	09.07-	113871	14	150 A49	A25 09.07-	115335	12	2.2
	(E87)	11.03- 09.12	113871	14	150 A49	11.03- 09.12	115398	12	1.7
		11.03- 09.12	115867	14	150	11.03- 09.12	114297	12	1.2
		11.03- 09.12	115931	14	170	A25 11.03- 09.12	116059	12	2.2 A49
		03.07- 09.12	114781	14	110	A25 03.07- 09.12	115335	12	2.2
						03.07- 09.12	114689	12	2.0
116 2.0 Diesel	(1E81)[N47D20A]	01.11- 12.11	114292	14	180	01.11- 12.11	115335	12	2.2
						01.11- 12.11	116059	12	2.2 A49
	(E81, E87)	11.08- 09.12	114292	14	180	11.08- 09.12	115335	12	2.2
	(E87)	12.08- 09.12	114292	14	180	A25 12.08- 09.12	115335	12	2.2
	(1E81)[N47D20C]	01.11- 12.11	114292	14	180	A25 01.11- 12.11	115335	12	2.2
						A25 01.11- 12.11	116059	12	2.2 A49
	(E81, E87)	11.08- 09.12	114292	14	180	A25 11.08- 09.12	115335	12	2.2
						A25 11.08- 09.12	116059	12	2.2 A49
	(E87)	01.11- 12.11	114292	14	180	01.11- 12.11	115335	12	2.2
	(F20)	06.11-	115670	14	220	06.11-	115335	12	2.2
		06.11-	115694	14	180	06.11-	114689	12	2.0
	(F21)	01.12-	115670	14	220	01.12-	114740	12	1.2
		01.12-	115694	14	180	01.12-	114689	12	2.0
						01.12-	116059	12	2.2 A49
116 2.0 i	(E81, E87)[N43B20A]	11.08- 09.12	115931	14	170	11.08- 09.12	114297	12	1.2
	(E87)	11.03- 09.12	115931	14	170	11.03- 09.12	116059	12	2.2 A49
118 1.5 i	(F20)[B38B15A]					AT 07.15- 06.19	116416	12	1.7
118 1.6 i	(F20)[N13B16A]	06.11-	115693	14	170	A25 06.11-	115335	12	2.2
						06.11-	115962	12	1.7
	(F21)	07.12-	115693	14	170	A25 07.12-	115335	12	2.2
						07.12-	115962	12	1.7



118 2.0 Diesel	(F20)[B47D20A]	03.15- 06.19	116239	14 150		03.15- 06.19	114297	12 1.2	
		03.15-	116622	14 180		03.15- 06.19	114689	12 2.0	
		03.15- 06.19	116727	14 210		03.15- 06.19	116273	12 1.8	
					AT	03.15- 06.19	116415	12 1.75	
	(F21)	03.15-	116622	14 180		03.15-	114689	12 2.0	
		03.15-	116727	14 210					
	(E87)[M47D20(204D4)]	11.03- 09.12	114292	14 180		11.03- 09.12	114127	12 1.6	A49
		11.03- 09.12	114720	14 150		A25 11.03- 09.12	115335	12 2.2	
					A25	11.03- 09.12	116059	12 2.2	A49
						11.03- 09.12	116160	12 1.6	
	(E81, E87)[N47D20A]	09.06- 09.12	114292	14 180		09.06- 09.12	115398	12 1.7	
					A25	09.06- 09.12	116059	12 2.2	A49
	(E87)	11.03- 09.12	114292	14 180		11.03- 09.12	114127	12 1.6	A49
		11.03- 09.12	114720	14 150		A25 11.03- 09.12	115335	12 2.2	
					A25	11.03- 09.12	115398	12 1.7	
					A25	11.03- 09.12	116059	12 2.2	A49
	(E88)					11.03- 09.12	116160	12 1.6	
		09.08-	114292	14 180		09.08-	115335	12 2.2	
						09.08-	115398	12 1.7	
					A25	09.08-	116059	12 2.2	A49
	(E81, E87)[N47D20C]	09.06- 09.12	114292	14 180		09.06- 09.12	115335	12 2.2	
					A25	09.06- 09.12	116059	12 2.2	A49
	(E82)	09.09-	114292	14 180		09.09-	115398	12 1.7	
					A25	09.09-	116059	12 2.2	A49
	(E87)	11.03- 09.12	114292	14 180		11.03- 09.12	114127	12 1.6	A49
		11.03- 09.12	114720	14 150		A25 11.03- 09.12	115335	12 2.2	
					A25	11.03- 09.12	116059	12 2.2	A49
						11.03- 09.12	116160	12 1.6	
	(E88)	09.08-	114292	14 180		09.08-	115335	12 2.2	
						09.08-	115398	12 1.7	
					A25	09.08-	116059	12 2.2	A49
	(F20)	12.10-	115670	14 220		12.10-	115335	12 2.2	
		12.10-	115694	14 180		AT 12.10-	114740	12 1.2	
	(F21)					12.10-	116059	12 2.2	A49
		12.11-	115670	14 220		12.11-	115335	12 2.2	
		12.11-	115694	14 180		AT 12.11-	114740	12 1.2	
						12.11-	116059	12 2.2	A49
118 2.0 Diesel xDrive	(F20)[B47D20A]	03.15-	116622	14 180		03.15-	114689	12 2.0	
		03.15- 06.19	116727	14 210		03.15- 06.19	114297	12 1.2	
	(F21)	03.15-	116622	14 180		03.15-	114689	12 2.0	
		03.15-	116727	14 210					
	(F20)[N47D20C]	07.13-	115670	14 220		A25 07.13-	115335	12 2.2	
						07.13-	116059	12 2.2	A49
	(F21)	05.13-	115670	14 220		05.13-	115335	12 2.2	
		05.13-	115694	14 180		05.13-	114740	12 1.2	
118 2.0 i	(E87)[N43B20A]	07.04- 09.12	113871	14 150 A49		07.04- 09.12	114091	12 1.8	
		07.04- 09.12	115867	14 150		07.04- 09.12	114297	12 1.2	
		07.04- 09.12	115931	14 170		07.04- 09.12	114689	12 2.0	
	(E88)	03.08-	115931	14 170		03.08-	114689	12 2.0	
	(E81)[N46B20B]	05.07-	113871	14 150 A49		05.07-	115558	12 1.4	
	(E87)	07.04- 09.12	113871	14 150 A49		07.04- 09.12	114091	12 1.8	
		07.04- 09.12	115867	14 150		07.04- 09.12	114689	12 2.0	
		07.04- 09.12	115931	14 170		03.07-	115558	12 1.4	
	(E88)	09.08-	113871	14 150 A49		09.08-	114091	12 1.8	
		09.08-	115867	14 150		09.08-	114740	12 1.2	
	(E87)[N46B20C]	09.06- 09.12	115931	14 170		09.06- 09.12	114689	12 2.0	
120 1.6 i	(F20)[N13B16A]	03.15-	115693	14 170		03.15-	114740	12 1.2	
						03.15-	115962	12 1.7	
	(F21)	03.15-	115693	14 170		AT 03.15-	114740	12 1.2	
						03.15-	115962	12 1.7	
120 2.0 Diesel	(F20)[B47D20A]	03.15- 06.19	116239	14 150		A25 03.15- 06.19	116059	12 2.2	A49
		03.15-	116622	14 180					
		03.15- 06.19	116727	14 210					
	(F21)	03.15-	116622	14 180		A25 03.15-	116059	12 2.2	A49
		03.15-	116727	14 210					
	(1E81)[M47D20 (204D4)]	09.06- 09.12	114720	14 150		09.06- 09.12	115335	12 2.2	
	(E87)[M47D20(204D4)]	11.03- 09.12	114292	14 180		11.03- 09.12	115335	12 2.2	
						A25 11.03- 09.12	116059	12 2.2	A49
					A25	11.03- 09.12	115335	12 2.2	
					A25	09.04-	115335	12 2.2	
	(1E81)[N47D20A]	09.04-	114720	14 150					
	(E82)	10.06- 10.13	114292	14 180		A25 10.06- 10.13	115335	12 2.2	
						10.06- 10.13	116059	12 2.2	
	(E87)	11.03- 09.12	114292	14 180		11.03- 09.12	115335	12 2.2	
						A25 11.03- 09.12	116059	12 2.2	A49
					A25	11.03- 09.12	115335	12 2.2	
					A25	03.08-	115335	12 2.2	
	(1E81)[N47D20C]	09.06- 09.12	114720	14 150		A25 09.06- 09.12	115335	12 2.2	
	(E82)	10.06- 10.13	114292	14 180		A25 10.06- 10.13	115335	12 2.2	
						10.06- 10.13	116059	12 2.2	
	(E87)	11.03- 09.12	114292	14 180		A25 11.03- 09.12	115335	12 2.2	
					A25	11.03- 09.12	116059	12 2.2	A49
					A25	03.08-	115335	12 2.2	
					A25	03.08-	116059	12 2.2	A49
	(E88)	03.08-	114292	14 180		03.08-	115335	12 2.2	
	(F20)	12.10-	115670	14 220		12.10-	115335	12 2.2	
		12.10-	115694	14 180		12.10-	114740	12 1.2	
	(F21)					01.11-	116059	12 2.2	A49
		01.12-	115670	14 220		01.12-	114740	12 1.2	
		01.12-	115694	14 180		07.12-	115335	12 2.2	
						01.12-	116059	12 2.2	A49
120 2.0 Diesel xDrive	(F20)[B47D20A]	03.15-	116622	14 180		03.15-	116059	12 2.2	A49
		03.15- 06.19	116727	14 210					
	(F21)	03.15-	116622	14 180		A25 03.15-	116059	12 2.2	A49
		03.15-	116727	14 210					
	(F20)[N47D20C]	01.11-	115670	14 220		01.11-	114740	12 1.2	
		01.11-	115694	14 180		01.11-	116059	12 2.2	A49
	(F20, F21)	12.10-	115694	14 180		12.10-	114740	12 1.2	
120 2.0 i	(E81, E87)[N43B20A]	09.06- 09.12	115931	14 170		09.06- 09.12	114297	12 1.2	
	(E82)	09.09-	115931	14 170		09.09-	114297	12 1.2	

BMW Continued

	(E87)	11.03- 09.12	113871	14 150 A49		11.03- 09.12	115398	12 1.7	
		11.03- 09.12	115867	14 150		11.03- 09.12	114689	12 2.0	
		11.03- 09.12	115931	14 170		11.03- 09.12	114297	12 1.2	
		11.03- 09.12	116198	14 180		11.03- 09.12	116415	12 1.75	
	(E88)	03.08-	115931	14 170		03.08-	114689	12 2.0	
	(E87)[N46B20A]	11.03- 09.12	113871	14 150 A49		11.03- 09.12	115398	12 1.7	
		11.03- 09.12	115867	14 150		11.03- 09.12	114689	12 2.0	
	(E81)[N46B20B]	02.07-	113871	14 150		02.07-	115398	12 1.7	
	(E81, E87)	09.06- 09.12	113871	14 150 A49		09.06- 09.12	115398	12 1.7	
		09.06- 09.12	114781	14 110		09.06- 09.12	115335	12 2.2	
		09.06- 09.12	115867	14 150		09.06- 09.12	114689	12 2.0	
		09.06- 09.12	115931	14 170		09.06- 09.12	114297	12 1.2	
	(E82)	09.09-	113871	14 150 A49		09.09-	115398	12 1.7	
		09.09-	114781	14 110		09.09-	115335	12 2.2	
		09.09-	115867	14 150		09.09-	114689	12 2.0	
	(E87)	11.03- 09.12	113871	14 150 A49	A25	11.03- 09.12	115335	12 2.2	
		11.03- 09.12	115867	14 150		11.03- 09.12	115398	12 1.7	
		11.03- 09.12	115931	14 170		11.03- 09.12	114689	12 2.0	
		11.03- 09.12	116198	14 180		11.03- 09.12	114297	12 1.2	
	(E88)	03.08-	113871	14 150 A49		03.08-	114091	12 1.8	
		03.08-	115867	14 150		03.08-	114689	12 2.0	
	(E87)[N46B20BD]	11.03- 09.12	113871	14 150 A49		11.03- 09.12	115398	12 1.7	
		11.03- 09.12	115867	14 150		11.03- 09.12	114689	12 2.0	
		11.03- 09.12	115931	14 170		11.03- 09.12	114297	12 1.2	
		11.03- 09.12	116198	14 180	AT	11.03- 09.12	116416	12 1.7	
	(E81, E87)[N46B20C]	09.06- 09.12	113871	14 150 A49		09.06- 09.12	114091	12 1.8	
		09.06- 09.12	115867	14 150		09.06- 09.12	114740	12 1.2	
		09.06- 09.12	115931	14 170		09.06- 09.12	114297	12 1.2	
	(E87)	11.03- 09.12	113871	14 150 A49	A25	11.03- 09.12	115398	12 1.7	
		11.03- 09.12	115867	14 150		11.03- 09.12	114689	12 2.0	
		11.03- 09.12	115931	14 170		11.03- 09.12	114297	12 1.2	
		11.03- 09.12	116198	14 180	AT	11.03- 09.12	116273	12 1.8	
					A25	03.07-	115335	12 2.2	
	(E88)	03.08-	113871	14 150 A49		03.08-	114091	12 1.8	
		03.08-	115867	14 150		03.08-	114689	12 2.0	
	(E87)[N46B20CC]	11.03- 09.12	113871	14 150 A49		11.03- 09.12	115398	12 1.7	
		11.03- 09.12	115867	14 150		11.03- 09.12	114689	12 2.0	
		11.03- 09.12	115931	14 170		11.03- 09.12	114297	12 1.2	
		11.03- 09.12	116198	14 180	A25	11.03- 09.12	116059	12 2.2	A49
	(E87)[N46B20CD]	11.03- 09.12	113871	14 150 A49		11.03- 09.12	115398	12 1.7	
	11.03- 09.12	115867	14 150		11.03- 09.12	114689	12 2.0		
	11.03- 09.12	115931	14 170		11.03- 09.12	114297	12 1.2		
	11.03- 09.12	116198	14 180	A25	11.03- 09.12	116059	12 2.2	A49	
123 2.0 Diesel	(E81, E87)[N47D20B]	03.07- 09.12	114292	14 180	A25	03.07- 09.12	115335	12 2.2	
					A25	03.07- 09.12	116059	12 2.2	A49
						03.07- 09.12	114689	12 2.0	
	(E82)				A25	10.07-	116059	12 2.2	A49
						10.07-	114689	12 2.0	
	(E87)	03.07- 09.12	114292	14 180	A25	03.07- 09.12	115335	12 2.2	
					A25	03.07- 09.12	116059	12 2.2	A49
						03.07- 09.12	114689	12 2.0	
	(E88)	09.08-	114292	14 180	A25	09.08-	115335	12 2.2	
					A25	09.08-	116059	12 2.2	A49
						09.08-	114689	12 2.0	
	(E87)[N47D20C]	03.07- 09.12	114292	14 180	A25	03.07- 09.12	115335	12 2.2	
						03.07- 09.12	114689	12 2.0	
						03.07- 09.12	116059	12 2.2	A49
	(E81, E87)[N47D20D]	03.07- 09.12	114292	14 180	A25	03.07- 09.12	115335	12 2.2	
					A25	03.07- 09.12	116059	12 2.2	A49
						10.07-	114689	12 2.0	
	(E82)	10.07-	114292	14 180		10.07-	115335	12 2.2	
						10.07-	116059	12 2.2	A49
						10.07-	114689	12 2.0	
	(E87)	03.07- 09.12	114292	14 180	A25	03.07- 09.12	115335	12 2.2	
					A25	03.07- 09.12	116059	12 2.2	A49
						03.07- 09.12	114689	12 2.0	
	(E88)	09.08-	114292	14 180	A25	09.08-	115335	12 2.2	
					A25	09.08-	116059	12 2.2	A49
						09.08-	114689	12 2.0	
125 2.0 Diesel	(F20)[B47D20B]	03.15-	116622	14 180					
		03.15- 06.19	116727	14 210					
	(F21)	03.15-	116622	14 180					
		03.15-	116727	14 210					
	(F20)[N47D20D]	08.11-	115670	14 220		08.11-	115562	12 1.7	
		08.11-	115694	14 180		08.11-	115335	12 2.2	
	(F21)	12.11-	115670	14 220		12.11-	115574	12 1.2	
		12.11-	115694	14 180		12.11-	115335	12 2.2	
125 2.0 i	(F20)[N20B20A]	08.11-	116220	14 170		08.11-	116259	12 2.1	
						03.13-	116059	12 2.2	A49
	(F21)	12.11-	116220	14 170		12.11-	116059	12 2.2	A49
125 3.0 i	(E82)[N52B30A]	10.07-	114524	14 180 VA A49		10.07-	115562	12 1.7	
		10.07-	116120	14 180 BO		10.07-	114740	12 1.2	
		10.07-	116121	14 180 BO A49		10.07-	116259	12 2.1	
		10.07-	116295	14 180 VA		10.07-	116059	12 2.2	A49
	(E88)	03.08-	114524	14 180 VA A49		03.08-	115562	12 1.7	
		03.08-	116120	14 180 BO		03.08-	114740	12 1.2	
		03.08-	116121	14 180 BO A49		03.08-	116259	12 2.1	
		03.08-	116295	14 180 VA					
130 3.0 i	(E81, E87)[N52B30A]	09.06- 09.12	114524	14 180 VA A49		09.06- 09.12	114740	12 1.2	
		09.06- 09.12	116120	14 180 BO		03.05- 09.12	115574	12 1.2	
		09.06- 09.12	116121	14 180 BO A49					
		09.06- 09.12	116295	14 180 VA					
	(E87)	03.05- 09.12	114524	14 180 VA A49		09.06- 09.12	115574	12 1.2	
		03.05- 09.12	115904	14 155		09.06- 09.12	114740	12 1.2	
		03.05- 09.12	116120	14 180 BO					
		03.05- 09.12	116121	14 180 BO A49					
		03.05- 09.12	116295	14 180 VA					



	(E87)[N52B30AF]	03.05- 09.12	114524	14 180	VA A49	03.05- 09.12	115574	12 1.2		
		03.05- 09.12	115904	14 155		03.05- 09.12	114740	12 1.2		
		03.05- 09.12	116120	14 180	BO					
		03.05- 09.12	116121	14 180	BO A49					
		03.05- 09.12	116295	14 180	VA					
		(E81, E87)[N52B30B]	09.06- 09.12	114524	14 180	VA A49	09.06- 09.12	115574	12 1.2	
		09.06- 09.12	116120	14 180	BO	09.06- 09.12	114740	12 1.2		
		09.06- 09.12	116121	14 180	BO A49					
		09.06- 09.12	116295	14 180	VA					
		(E87)	03.05- 09.12	114524	14 180	VA A49	03.05- 09.12	114740	12 1.2	
		03.05- 09.12	115904	14 155		09.06- 09.12	115574	12 1.2		
		03.05- 09.12	116120	14 180	BO					
		03.05- 09.12	116121	14 180	BO A49					
		03.05- 09.12	116295	14 180	VA					
	(E81, E87)[N52B30BF]	09.06- 09.12	114524	14 180	VA A49	09.06- 09.12	115574	12 1.2		
		09.06- 09.12	116120	14 180	BO	09.06- 09.12	114740	12 1.2		
		09.06- 09.12	116121	14 180	BO A49					
		09.06- 09.12	116295	14 180	VA					
		(E87)	03.05- 09.12	114524	14 180	VA A49	03.05- 09.12	114740	12 1.2	
		03.05- 09.12	115904	14 155		09.06- 09.12	115574	12 1.2		
03.05- 09.12		116120	14 180	BO						
03.05- 09.12		116121	14 180	BO A49						
03.05- 09.12		116295	14 180	VA						
135 3.0 xDrive	(F20, F21)[N55B30A]				AT 02.12-	116464	12 1.5			
135 3.0 i	(E82)[N54B30A]				10.07- 10.13	114740	12 1.2			
					10.07- 10.13	115574	12 1.2			
	(E88)				03.08-	115574	12 1.2			
	(E82)[N55B30A]				10.07- 10.13	114740	12 1.2			
					10.07- 10.13	115574	12 1.2			
					03.08-	115562	12 1.7			
	(E88)	03.08-	115804	14 180	03.08-	115574	12 1.2			
		07.12- 02.15	116670	14 210	AT 11.11-	116464	12 1.5			
135 3.0 i M 135 i	(F21)[N55B30A]				AT 03.15-	116464	12 1.5			
214 1.5 Diesel Active Tourer	(F45)[B37C15A]	03.15-	116622	14 180						
214 1.5 Diesel Gran Tourer	(F46)[B37C15A]	03.15-	116622	14 180						
216 1.5 Diesel Active Tourer	(F45)[B37C15A]	11.14-	116622	14 180	11.14-	116371	12 1.5			
216 1.5 Diesel Gran Tourer	(F46)[B37C15A]	03.15-	116622	14 180	03.15-	115999	12 1.4			
216 1.5 Active Tourer	(F45)[B38A15A]	11.15-	116622	14 180	11.15-	116371	12 1.5			
216 1.5 Gran Tourer	(F46)[B38A15A]	07.15-	116622	14 180	07.15-	115999	12 1.4			
218 1.5 i	(F45)[B38A15A]	09.14-	116622	14 180	09.14-	116415	12 1.75			
218 1.5 i Gran Tourer	(F46)[B38A15A]	03.15-	116622	14 180						
218 2.0 Diesel	(F22, F87)[B47D20A]	03.14-	116727	14 210	07.15-	116059	12 2.2	A49		
		07.15-	116239	14 150	07.15-	116273	12 1.8			
		07.15-	116622	14 180	07.15-	116371	12 1.5			
	(F23)	07.15-	116239	14 150						
		07.15-	116622	14 180						
		07.15-	116727	14 210						
	(F22)[N47D20C]	01.14-	115670	14 220	01.14-	115335	12 2.2			
	218 2.0 Diesel Active Tourer	(F45)[B47C20A]	09.14-	116239	14 150	09.14-	116371	12 1.5		
		09.14-	116622	14 180	09.14-	116415	12 1.75			
	218 2.0 Diesel Gran Tourer	(F46)[B47C20A]	03.15-	116239	14 150	03.15-	116371	12 1.5		
	03.15-	116622	14 180							
218 2.0 Diesel xDrive Active Tourer	(F45)[B47C20A]	11.15-	116622	14 180						
218 2.0 Diesel xDrive Gran Tourer	(F46)[B47C20A]	03.15-	116622	14 180						
220 2.0 Diesel	(F22, F87)[B47D20A]	03.14-	116727	14 210	11.14-	115562	12 1.7			
		11.14-	115670	14 220	11.14-	115335	12 2.2			
		11.14-	115694	14 180	11.14-	116371	12 1.5			
		11.14-	116239	14 150	11.14-	116059	12 2.2	A49		
		11.14-	116622	14 180	11.14-	116273	12 1.8			
	(F23)	03.14-	116727	14 210	11.14-	116415	12 1.75			
		11.14-	116239	14 150						
		11.14-	116622	14 180						
	(F22)[N47D20C]	10.13-	115670	14 220	10.13-	115558	12 1.4			
		10.13-	115694	14 180	10.13-	115562	12 1.7			
220 2.0 Diesel Active Tourer	(F45)[B47C20A]	11.14-	116239	14 150	11.14-	116371	12 1.5			
		11.14-	116622	14 180	11.14-	115999	12 1.4			
				11.14-	116273	12 1.8				
	(F45)[B47D20A]	11.14-	116622	14 180	11.14-	116259	12 2.1			
220 2.0 Diesel Gran Tourer	(F46)[B47C20A]	07.15-	116239	14 150	07.15-	116415	12 1.75			
	07.15-	116622	14 180							
220 2.0 Diesel xDrive	(F22, F87)[B47D20A]	06.14-	116727	14 210	03.15-	116371	12 1.5			
		03.15-	116239	14 150	03.15-	116059	12 2.2	A49		
		03.15-	116622	14 180						
220 2.0 Diesel xDrive Active Tourer	(F45)[B47C20A]	11.14-	116239	14 150	11.14-	116371	12 1.5			
		11.14-	116622	14 180	11.14-	115999	12 1.4			
	(F45)[B47D20A]	11.14-	116622	14 180	11.14-	116259	12 2.1			
220 2.0 Diesel xDrive Gran Tourer	(F46)[B47C20A]	03.15-	116239	14 150	03.15-	116415	12 1.75			
	03.15-	116622	14 180							
220 2.0 i	(F23)[N20B20B]	11.14-	116220	14 170	11.14-	116371	12 1.5			
					10.13-	115335	12 2.2			
220 2.0 i Active Tourer	(F45)[B48A20A]	11.14-	116239	14 150	11.14-	116371	12 1.5			
		11.14-	116622	14 180						
220 2.0 i Gran Tourer	(F46)[B48A20A]	03.15-	116239	14 150	03.15-	116371	12 1.5			
		03.15-	116622	14 180						
225 2.0 Diesel	(F22, F87)[B47D20B]	07.14-	116622	14 180	07.15-	115999	12 1.4			
		07.15-	116727	14 210						
	(F23)	07.15-	116622	14 180						
		07.15-	116727	14 210						
	(F22)[N47D20D]	01.14-	115694	14 180	01.14-	115335	12 2.2			
225 2.0 i	(F45)[B48A20B]	09.14-	116239	14 150	09.14-	116371	12 1.5			
		09.14-	116622	14 180						
225 2.0 i xDrive Active Tourer	(F45)[B48A20B]	11.14-	116622	14 180	11.14-	116059	12 2.2	A49		
228 2.0 i	(F22)[N20B20A]	07.14-	116220	14 170	07.14-	115562	12 1.7			
		07.14-	116442	14 210	07.14-	116259	12 2.1			
	(F23)	11.14-	116220	14 170	11.14-	115562	12 1.7			
		07.14-	116220	14 170	07.14-	115562	12 1.7			
	(F22)[N26B20A]	07.14-	116442	14 210	07.14-	116259	12 2.1			



BMW Continued

235 3.0 i	(F22)[N55B30A]				10.13-	116464	12 1.5
316 1.6	(E21)[M10B16]	08.75- 03.77	112310	14 55	08.75- 03.77	111911	12 1.4
316 1.6 Ci	(E46)[M43B16 (164E3)]	04.00-	112413	14 90	04.00-	111911	12 1.4
	(E46)[N45B16A]	06.02-	113871	14 150 A49	06.02-	115335	12 2.2
316 1.6 i		06.02-	115867	14 150	06.02-	116342	12 1.4
	(E36)[M40B16]	07.93- 02.98	111946	14 80	07.93- 02.98	111911	12 1.4
	(E36)[M43B16]	09.93-	111946	14 80	09.93-	111911	12 1.4
	(E46)	04.00-	112413	14 90	04.00-	111911	12 1.4
	(E46)[M43B16 (164E3)]	04.00- 02.05	112413	14 90	A25 04.00- 02.05	115398	12 1.7
	(F30)[N13B16A]	10.12-	115693	14 170	10.12-	116342	12 1.4
	(F31)	03.13-	115693	14 170	03.13-	116342	12 1.4
	(E46)[N40B16A]	06.02- 02.05	113871	14 150 A49	A25 06.02- 02.05	115335	12 2.2
		06.02- 02.05	115867	14 150	06.02- 02.05	116342	12 1.4
	(E90)[N43B16A]	09.07- 12.11	115931	14 170			
	(E91)	05.08- 05.12	115931	14 170			
	(E92)	09.07-	115931	14 170			
	(E90)[N45B16]	09.05-	113871	14 150 A49	09.05-	114689	12 2.0
		09.05- 12.11	114781	14 110	09.05- 12.11	114118	12 1.4
		09.05- 12.11	115867	14 150	09.05- 12.11	116059	12 2.2 A49
	(E46)[N45B16A]	06.02- 02.05	113871	14 150 A49	06.02- 02.05	114297	12 1.2
		06.02- 02.05	115867	14 150	06.02- 02.05	115962	12 1.7
	(E90)	09.05-	113871	14 150 A49	09.05-	115335	12 2.2
		09.05- 12.11	115867	14 150	09.05- 12.11	116342	12 1.4
	(E90)[N45B16TU2]	09.05-	113871	14 150	09.05-	114297	12 1.2
316 1.6 Ti		09.05- 12.11	114781	14 110	09.05- 12.11	114118	12 1.4
		09.05- 12.11	115867	14 150 A49	09.05- 12.11	116059	12 2.2 A49
	(E46)[N40B16A]	06.02- 02.05	113871	14 150 A49	06.02- 02.05	114689	12 2.0
		06.02- 02.05	115867	14 150	A25 06.02- 02.05	116059	12 2.2 A49
		06.02- 02.05	116165	14 90			
	(E46)[N45B16A]	06.02- 02.05	113871	14 150 A49	06.02- 02.05	114118	12 1.4
316 1.6 G		06.02- 02.05	115867	14 150			
	(E36)[M43B16]	12.95-	111946	14 80	12.95-	111911	12 1.4
316 1.8 i	(E46)[N42B18]	02.02- 04.04	113871	14 150 A49	A25 02.02- 04.04	115398	12 1.7
		02.02- 04.04	115867	14 150	02.02- 04.04	116342	12 1.4
		02.02- 04.04	116165	14 90			
	(E46)[N42B18A]	03.02- 02.05	113871	14 150 A49	03.02- 02.05	115398	12 1.7
		03.02- 02.05	115867	14 150	03.02- 02.05	116342	12 1.4
		03.02- 02.05	116165	14 90			
	(E46)[N46B18]	03.02- 02.05	113871	14 150 A49	03.02- 02.05	114740	12 1.2
		03.02- 02.05	115867	14 150	A25 03.02- 02.05	116059	12 2.2 A49
		03.02- 02.05	116165	14 90	04.04- 12.04	116342	12 1.4
	(E46)[N46B18A]	03.02- 02.05	113871	14 150 A49	03.02- 02.05	114297	12 1.2
		03.02- 02.05	115867	14 150	03.02- 02.05	115962	12 1.7
					04.04- 12.04	114118	12 1.4
		03.02- 02.05	113871	14 150 A49	03.02- 02.05	114297	12 1.2
		03.02- 02.05	115867	14 150	03.02- 02.05	115962	12 1.7
316 1.8 Ti	(E46)[N42B18]	06.01- 03.04	113871	14 150 A49	A25 06.01- 03.04	115335	12 2.2
		06.01- 03.04	115867	14 150	06.01- 03.04	116342	12 1.4
		06.01- 03.04	116165	14 90			
	(E46)[N46B18A]	04.04- 12.04	113871	14 150 A49	04.04- 12.04	114740	12 1.2
316 1.9 i		04.04- 12.04	115867	14 150	04.04- 12.04	116342	12 1.4
	(E36)[M43B19 (194E1)]	12.98- 08.00	111946	14 80	12.98- 08.00	111911	12 1.4
		01.99-	112413	14 90			
	(E46)	01.99-	112413	14 90	01.99-	111911	12 1.4
316 2.0 Diesel	(E90)[N47D20C]	07.09- 12.11	114292	14 180	07.09- 12.11	114118	12 1.4
		07.09- 12.11	115581	14 180 A49			
		07.09- 12.11	116209	14 150			
		07.09- 12.11	116348	14 180			
	(E91)	09.09-	115581	14 180 A49	02.12-	116342	12 1.4
		09.09-	116209	14 150			
		09.09-	116348	14 180			
	(F30)	02.12-	115670	14 220			
		02.12-	115694	14 180			
		02.12-	116622	14 180			
		03.12- 10.18	116727	14 210			
316 2.0 Diesel Touring	(F31)[N47D20C]	06.12-	115670	14 220	06.12-	114118	12 1.4
		06.12-	115694	14 180	06.12-	116342	12 1.4
		06.12-	116622	14 180			
		11.12- 06.19	116727	14 210			
318 1.7 TDS	(E36)[M41D18]	01.95- 02.98	113868	14 95	01.95- 02.98	111911	12 1.4
318 1.8 i	(E36)[M43B18]	09.93-	111946	14 80	09.93-	111908	12 1.8
					07.95-	111911	12 1.4
318 1.8 iS	(E36)[M42B18]	09.93- 09.97	111946	14 80	09.93- 09.97	111911	12 1.4
318 1.8 Ti	(E36)[M42B18]	11.94- 08.95	111946	14 80	11.94- 08.95	111908	12 1.8
318 1.9 i	(E46)[M43B19]	02.98-	112413	14 90	02.98-	111911	12 1.4
	(E46)[M43B19 (194E1)]	10.99- 09.01	112413	14 90	10.99- 09.01	111911	12 1.4
	(E46)[M43B19TU]	02.98- 09.01	112413	14 90	02.98- 09.01	111911	12 1.4
	(E36)[M44B19]	09.95-	111946	14 80	09.95-	111911	12 1.4
318 1.9 iS	(E36)[M44B19 (194S1)]	09.95- 02.98	111946	14 80	09.95- 02.98	111911	12 1.4
	(E36)[M44B19]	07.95-	111946	14 80	07.95-	111911	12 1.4
318 1.9 Ti	(E36)[M44B19 (194S1)]	07.95- 08.00	111946	14 80	07.95- 08.00	111911	12 1.4
	(F30, F35, F80)[B47D20A]	07.15-	116622	14 180			
318 2.0 Diesel		07.15- 10.18	116727	14 210			
	(F31)	07.15-	116622	14 180			
		07.15- 06.19	116727	14 210			
	(E46)[M47D20D1]	09.01-	113407	14 150	09.01-	111911	12 1.4
	(E46)[M47D20]	09.01- 03.03	113407	14 150	09.01- 03.03	111911	12 1.4
	(E46)[M47D20 (204D4)]	03.03- 02.05	113881	14 150	03.03- 02.05	115335	12 2.2
		03.03- 02.05	115976	14 150	03.03- 02.05	116059	12 2.2 A49
	(E46)[M47D20(204D4)]	03.03-	113881	14 150	A25 03.03-	115335	12 2.2
		03.03- 02.05	115976	14 150	03.03- 02.05	116059	12 2.2 A49
	(E91)[M47N204D4]	09.05-	114720	14 150	09.05-	114740	12 1.2
	(E90)[N47D20A]	09.05- 12.11	114292	14 180	09.05- 12.11	115335	12 2.2
		09.05- 12.11	115581	14 180 A49	09.05- 12.11	114689	12 2.0
		09.05- 12.11	116209	14 150			
		09.05- 12.11	116348	14 180			
	(E91)	09.07-	114292	14 180			
		09.07-	115581	14 180 A49			
		09.07-	116209	14 150			
		09.07-	116348	14 180			



	(E90)[N47D20C]	09.05- 12.11	114292	14 180		09.05- 12.11	114740	12 1.2	
		09.05- 12.11	115581	14 180 A49		09.05- 12.11	114297	12 1.2	
		09.05- 12.11	116209	14 150		07.07- 12.11	114689	12 2.0	
		09.05- 12.11	116348	14 180					
	(E91)	07.07- 07.07-	115581	14 180 A49		02.12- 02.12-	114118	12 1.4	
		07.07- 07.07-	116209	14 150					
		07.07- 09.07-	116348	14 180			114127	12 1.6 A49	
		09.07-	114292	14 180					
	(E93)	03.10- 10.13	116209	14 150					
	(F30)	02.12- 02.12-	115670	14 220					
318 2.0 Diesel Gran Turismo	(F30, F35)	02.12- 02.12-	115670	14 220					
	(F31)	02.12- 06.12-	115694	14 180					
		06.12- 06.12-	115675	14 180					
		06.12- 06.12-	115694	14 180					
318 2.0 Diesel xDrive	(F34)[B47D20A]	07.15- 07.15-	116622	14 180					
		07.15- 07.15-	116727	14 210					
	(F34)[N47D20C]	03.13- 03.13-	115670	14 220		03.13- 03.13-	114297	12 1.2	
		03.13- 03.13-	115675	14 180			114118	12 1.4	
318 2.0 Diesel Touring	(F31)[N47D20C]	06.12- 06.12-	115670	14 220		06.12- 06.12-	114297	12 1.2	
		06.12- 06.12-	115694	14 180			114118	12 1.4	
318 2.0 Diesel xDrive	(F30, F35, F80)[B47D20A]	07.15- 07.15- 02.18	116622	14 180					
		07.15- 07.15- 02.18	116727	14 210					
	(F31)	07.15- 07.15- 02.18	116622	14 180					
		07.15- 07.15- 02.18	116727	14 210					
	(F30)[N47D20C]	11.12- 11.12-	115670	14 220		11.12- 11.12-	114127	12 1.6 A49	
		11.12- 11.12-	115694	14 180			114118	12 1.4	
	(F31)	01.13- 01.13-	115670	14 220		01.13- 01.13-	114127	12 1.6 A49	
		01.13- 01.13-	115694	14 180			114118	12 1.4	
	318 2.0 TD	(E46)[M47D20 (204D4)]	03.03- 02.05	113881	14 150	03.03- 02.05	115335	12 2.2	
	318 2.0 Ci	(E46)[N42B20A]	12.00- 08.06	113871	14 150	A25 12.00- 08.06	115335	12 2.2	A49
		12.00- 08.06	115867	14 150		09.01- 09.01-	116059	12 1.8	
		09.01- 09.01-	116165	14 90		09.01- 09.01-	113925	12 1.8	
						09.01- 09.01-	114091	12 1.8	
						09.01- 09.01-	116342	12 1.4	
	(E46)[N46B20A]	12.00- 08.06	113871	14 150		12.00- 08.06	115335	12 2.2	
		12.00- 08.06	115867	14 150		A25 12.00- 08.06	116059	12 2.2	A49
		09.01- 09.01-	116165	14 90		09.01- 09.01-	116160	12 1.6	
						09.01- 09.01-	116342	12 1.4	
						02.05- 03.05-	113925	12 1.8	
						03.05-	115558	12 1.4	
318 2.0 i	(E46)[N46B20B]	02.05- 02.05-	113871	14 150 A49		02.05- 02.05-	115335	12 2.2	
		02.05- 02.05-	115867	14 150		A25 02.05- 02.05-	116059	12 2.2	A49
	(E46)[N42B20A]	09.01- 02.05	113871	14 150 A49		09.01- 02.05	113925	12 1.8	
		09.01- 02.05	115867	14 150		09.01- 02.05	116342	12 1.4	
		09.01- 02.05	116165	14 90					
	(E90)[N43B20A]	09.07- 12.11	115931	14 170		09.07- 12.11	116059	12 2.2	A49
	(E91)	09.07- 09.07-	115931	14 170		09.07- 09.07-	116059	12 2.2	A49
	(E92)	03.10- 03.10-	115931	14 170		03.10- 03.10-	116059	12 2.2	A49
	(E93)	03.10- 03.10-	115931	14 170		03.10- 03.10-	116059	12 2.2	A49
	(E46)[N46B20]	09.01- 02.05	113871	14 150 A49		A25 09.01- 02.05	115398	12 1.7	
		09.01- 02.05	115867	14 150		09.01- 02.05	116342	12 1.4	
		09.01- 02.05	116165	14 90		A25 09.05- 09.05-	115335	12 2.2	
	(E90)	09.05- 09.05-	113871	14 150 A49		09.05- 09.05-	114689	12 2.0	
		09.05- 09.05-	114781	14 110		09.05- 09.05-	116160	12 1.6	
		09.05- 09.05-	115867	14 150					
	(E91)	01.06- 01.06-	114781	14 110		01.06- 03.06-	116160	12 1.6	
		01.06- 03.06-	115867	14 150			115335	12 2.2	
		03.06- 03.06-	113871	14 150 A49					
	(E46)[N46B20A]	09.01- 02.05	113871	14 150 A49		09.01- 02.05	115335	12 2.2	
		09.01- 02.05	115867	14 150		A25 09.01- 02.05	116059	12 2.2	A49
318 2.0 i	(E90)[N46B20B]	09.05- 09.05-	113871	14 150 A49		09.05- 09.05-	113925	12 1.8	
		09.05- 09.05-	114781	14 110		09.05- 09.05-	114689	12 2.0	
		09.05- 09.05-	115867	14 150		09.05- 09.05-	116342	12 1.4	
	(E91)	01.06- 03.06-	115867	14 150		01.06- 03.06-	116342	12 1.4	
		03.06- 09.07-	113871	14 150 A49		03.06- 09.07-	115558	12 1.4	
		09.07- 09.07-	115931	14 170		A25 09.07- 09.07-	116059	12 2.2	A49
	(E90)[N46B20TU2]	09.07- 12.11	113871	14 150 A49		A25 09.07- 12.11	115398	12 1.7	
		09.07- 12.11	115867	14 150		09.07- 12.11	116342	12 1.4	
		09.07- 12.11	115931	14 170		09.07- 12.11	116059	12 2.2	A49
	(E91)	09.07- 09.07-	113871	14 150 A49		A25 09.07- 09.07-	115335	12 2.2	
318 2.0 Ti		09.07- 09.07-	115867	14 150		09.07- 09.07-	116342	12 1.4	
		09.07- 09.07-	115931	14 170		09.07- 09.07-	116059	12 2.2	A49
	(E46)[N42B20]	09.01- 02.05	113871	14 150 A49		09.01- 02.05	111911	12 1.4	
		09.01- 02.05	115867	14 150		09.01- 02.05	116342	12 1.4	
		09.01- 02.05	116165	14 90					
	(E46)[N42B20A]	09.01- 02.05	113871	14 150 A49		09.01- 02.05	114091	12 1.8	
		09.01- 02.05	115867	14 150		09.01- 02.05	116342	12 1.4	
		09.01- 02.05	116165	14 90					
	(E46)[N46B20A]	09.01- 02.05	113871	14 150 A49		09.01- 02.05	115398	12 1.7	
		09.01- 02.05	115867	14 150		09.01- 02.05	115558	12 1.4	
320 1.6 i	(F30)[N13B16A]	02.12- 02.12-	115693	14 170		02.12- 02.12-	114689	12 2.0	
320 2.0 Diesel	(F30, F35, F80)[B47D20A]	07.15- 07.15- 10.18	116622	14 180					
		07.15- 07.15- 10.18	116727	14 210					
	(F31)	07.15- 07.15- 06.19	116622	14 180					
		07.15- 07.15- 06.19	116727	14 210					
	(E46)[M47D20A]	02.98- 04.05	112462	14 120		02.98- 04.05	111911	12 1.4	
		02.98- 04.05	113407	14 150		02.98- 04.05	114091	12 1.8	
	(E46)[M47D20]	03.00- 04.98-	113407	14 150		03.00- 04.98-	111400	12 1.4	
		04.98- 04.98-	112462	14 120		04.98- 09.01	111911	12 1.4	
						09.01- 09.01	114091	12 1.8	
	(E46)[M47D20 (204D4)]	11.03- 11.03-	113881	14 150		11.03- 11.03-	115558	12 1.4	
(E90)		01.05- 01.05-	114720	14 150		A25 01.05- 01.05-	115335	12 2.2	
		01.05- 01.05- 12.11	115581	14 180 A49		A25 01.05- 01.05- 12.11	116059	12 2.2	A49
		01.05- 01.05- 12.11	116209	14 150					
		01.05- 01.05- 12.11	116348	14 180					

BMW Continued

(E91)	09.05- 09.07	114720	14 150		A25	09.05- 09.07	115335	12 2.2	
	09.05- 09.07	115581	14 180 A49		A25	09.05- 09.07	116059	12 2.2	A49
	09.05- 09.07	116209	14 150						
	09.05- 09.07	116348	14 180						
(E46)[M47D20(204D4)]	09.01- 09.01	113407	14 150	Change pulley		09.01- 09.01	114091	12 1.8	
	09.01- 02.05	113881	14 150			09.01- 02.05	115558	12 1.4	
			14 150			09.01-	115562	12 1.7	
(E91)[M47N204D5]	09.05- 09.07	114720	14 150		A25	09.05- 09.07	115335	12 2.2	
	09.05- 09.07	115581	14 180 A49		A25	09.05- 09.07	116059	12 2.2	A49
	09.05- 09.07	116209	14 150						
	09.05- 09.07	116348	14 180						
(E90)[N47D20A]	09.07- 12.11	114292	14 180			09.07- 12.11	115562	12 1.7	
	09.07- 12.11	115581	14 180 A49			09.07- 12.11	115335	12 2.2	
	09.07- 12.11	116348	14 180			09.07- 12.11	116059	12 2.2	A49
(E91)	09.05- 09.07	114720	14 150		A25	09.05- 09.07	115335	12 2.2	
	09.05- 09.07	115581	14 180 A49			09.07-	115562	12 1.7	
	09.05- 09.07	116209	14 150		A25	09.05- 09.07	116059	12 2.2	A49
	09.05- 09.07	116348	14 180						
	09.07-	114292	14 180						
(E93)	03.07-	114292	14 180						
(E90)[N47D20C]	01.05- 12.11	114720	14 150		A25	01.05- 12.11	115335	12 2.2	
	01.05- 12.11	115581	14 180 A49			01.10- 12.11	115562	12 1.7	
	01.05- 12.11	116209	14 150		A25	01.05- 12.11	116059	12 2.2	A49
	01.05- 12.11	116348	14 180			01.05- 12.11	116259	12 2.1	
	09.07- 12.11	114292	14 180						
(E91)	09.05- 09.07	114720	14 150			09.05- 09.07	115335	12 2.2	
	09.05- 09.07	115581	14 180 A49		A25	09.07-	115398	12 1.7	
	09.05- 09.07	116209	14 150			01.10-	115562	12 1.7	
	09.05- 09.07	116348	14 180		A25	09.05- 09.07	116059	12 2.2	A49
	09.07-	114292	14 180						
(E92)	01.07-	115581	14 180 A49			03.07-	115398	12 1.7	
	01.07-	116348	14 180		A25	01.08-	115335	12 2.2	
	01.10-	114292	14 180		A25	01.08-	116059	12 2.2	A49
						01.10-	115562	12 1.7	
(E93)	03.07-	114292	14 180			02.12-	114297	12 1.2	
	01.08-	115581	14 180 A49			10.11-	114689	12 2.0	
	01.08-	116209	14 150			10.11-	115335	12 2.2	
	01.08-	116348	14 180		A25	01.10-	116059	12 2.2	A49
(F30)	10.11-	115670	14 220			10.11-	114297	12 1.2	
	10.11-	115694	14 180			03.13-	114689	12 2.0	
	10.11-	116622	14 180			06.12-	114740	12 1.2	
	11.11- 10.18	116727	14 210						
(F30, F35, F80)	02.12-	115670	14 220			03.13-	114297	12 1.2	
	02.12-	115694	14 180						
(F31)	10.11-	115670	14 220						
	10.11-	115675	14 180						
	10.11-	115694	14 180						
	06.12-	116622	14 180						
	07.12- 06.19	116727	14 210						
(F34)	03.13-	115670	14 220						
	03.13-	115694	14 180						
320 2.0 Diesel Gran Turismo	(F34)[B47D20A]	07.15-	116622	14 180					
	(F34)[N47D20C]	07.15-	116727	14 210					
	03.13-	115670	14 220			05.13-	114127	12 1.6	A49
	05.13-	115675	14 180			03.13-	114297	12 1.2	
	03.13-	115694	14 180			05.13-	114689	12 2.0	
						03.13-	114740	12 1.2	
320 2.0 Diesel Gran Turismo xDrive	(F34)[N47D20C]	03.13-	115670	14 220		03.13-	114740	12 1.2	
		03.13-	115694	14 180		03.13-	114297	12 1.2	
320 2.0 Diesel Touring	(F31)[N47D20C]	06.12- 02.16	115670	14 220		06.12- 02.16	115335	12 2.2	
		06.12- 02.16	115675	14 180		06.12- 02.16	114689	12 2.0	
		06.12- 02.16	115694	14 180		06.12- 02.16	114297	12 1.2	
320 2.0 Diesel xDrive	(F30, F35, F80)[B47D20A]	07.15-	116622	14 180					
		07.15- 10.18	116727	14 210					
	(F31)	07.15-	116622	14 180					
		07.15- 06.19	116727	14 210					
	(F34)	07.15-	116622	14 180					
		07.15-	116727	14 210					
	(E90)[N47D20C]	07.08- 12.11	115581	14 180 A49	A25	07.08- 12.11	115335	12 2.2	
		07.08- 12.11	116209	14 150	A25	07.08- 12.11	116059	12 2.2	A49
		07.08- 12.11	116348	14 180		09.08- 12.11	115562	12 1.7	
		09.08- 12.11	114292	14 180					
	(E91)	09.08-	114292	14 180	AT	09.08-	115335	12 2.2	
		09.08-	115581	14 180 A49	A25	01.10-	115398	12 1.7	
		09.08-	116348	14 180		01.10-	115562	12 1.7	
		07.09-	116209	14 150		01.10-	115962	12 1.7	
						09.08-	116059	12 2.2	A49
(E92)	01.10-	114292	14 180		AT	10.11-	114740	12 1.2	
	01.10-	115581	14 180 A49			10.11-	114297	12 1.2	
	01.10-	116348	14 180			05.12-	114689	12 2.0	
(F30)	10.11-	115670	14 220			05.12-	114297	12 1.2	
	10.11-	115694	14 180			06.12-	114689	12 2.0	
(F30, F35, F80)	05.12-	115670	14 220			06.12-	114689	12 2.0	
	05.12-	115694	14 180			06.12-	114127	12 1.6	A49
(F31)	06.12-	115670	14 220			06.12-	114297	12 1.2	
	06.12-	115675	14 180			01.13-	114689	12 2.0	
	06.12-	115694	14 180			01.13-	114127	12 1.6	A49
(F34)	03.13-	115670	14 220			05.13-	114689	12 2.0	
	03.13-	115675	14 180			05.13-	114297	12 1.2	
	03.13-	115694	14 180						
320 2.0 TD	(E46)[M47D20 (204D4)]	09.01- 09.02	113407	14 150	Change pulley	09.01- 09.02	111400	12 1.4	
		09.01- 01.05	113881	14 150		09.01- 01.05	115558	12 1.4	
320 2.0	(E21)[M10B20]	08.75- 03.77	112310	14 55		08.75- 03.77	111911	12 1.4	
320 2.0 i	(E36)[M50B20]	03.93- 12.95	112687	14 80		03.93- 12.95	111911	12 1.4	
	(E36)[M50B20 (206S1)]	09.94- 02.98	112687	14 80		09.94- 02.98	111911	12 1.4	
	(E36)[M50B20 (206S2)]	09.90- 02.98	112687	14 80		09.90- 02.98	111911	12 1.4	
	(E36)[M50B20TU]	03.92- 04.99	112687	14 80		03.92- 04.99	111911	12 1.4	
						09.94- 02.98	111400	12 1.4	
	(E36)[M52B20]	09.90- 02.98	112687	14 80		09.90- 02.98	111400	12 1.4	



	(E46)	03.98- 03.98-	111873 112193	14 80 14 120		03.98- 03.98-	110772 111911	12 1.0 12 1.4	
	(E36)[M52B206S3]	01.95-	112687	14 80		01.95-	111911	12 1.4	
	(E46)	03.98- 09.00	112193	14 120		03.98- 09.00	111911	12 1.4	
	(E46)[M52B206S4]	08.99- 08.99-	111873 112193	14 80 14 120		08.99-	111911	12 1.4	
	(E46)[M54B22(226S1)]	09.00-	111873	14 80		09.00-	111911	12 1.4	
	(F30)[N20B20A]	02.12-	116220	14 170		02.12-	116059	12 2.2	A49
	(F31)[N20B20B]	02.12- 06.15	116220	14 170		02.12- 06.15	116059	12 2.2	A49
	(E90)[N43B20A]	02.07- 12.11 02.07- 12.11 02.07- 12.11 09.07- 12.11	113871 114781 115867 115931	14 150 14 110 14 150 14 170	A25	02.07- 12.11 02.07- 12.11 02.07- 12.11 09.07- 12.11	114091 115335 114127 116259	12 1.8 12 2.2 12 1.6 12 2.1	A49
	(E91)	09.07-	115931	14 170		09.07-	116259	12 2.1	
	(E92)	01.07- 03.07- 03.07-	115931 113871 115867	14 170 14 150 A49 14 150		01.07- 03.07- 03.07-	116259 113925 116160	12 2.1 12 1.8 12 1.6	
	(E93)	01.07- 03.07- 03.07-	115931 113871 115867	14 170 14 150 14 150		01.07- 03.07- 03.07-	116259 115558 116160	12 2.1 12 1.4 12 1.6	
	(E90)[N46B20]	01.05- 01.05- 01.05-	113871 114781 115867	14 150 A49 14 110 14 150	A25	01.05- 01.05- 01.05-	115558 115335 116160	12 1.4 12 2.2 12 1.6	
	(E90)[N46B20A]	01.05- 01.05-	113871 115867	14 150 A49 14 150	AT	01.05- 01.05-	113925 116416	12 1.8 12 1.7	
						03.05-	114091	12 1.8	
	(E90)[N46B20B]	01.05- 01.05- 02.07- 12.11	113871 115867 114781	14 150 A49 14 150 14 110	A25	01.05- 01.05- 02.07- 12.11	114091 116416 115335	12 1.8 12 1.7 12 2.2	
						02.07- 12.11	114127	12 1.6	A49
	(E91)	09.05-	113871	14 150 A49		09.05-	115558	12 1.4	
	(E92)	03.07-	113871	14 150 A49		03.07-	115558	12 1.4	
	(E93)	03.07- 03.07- 03.07-	113871 115867 115931	14 150 A49 14 150 14 170		03.07- 03.07- 03.07-	113925 115558 116160	12 1.8 12 1.4 12 1.6	
						03.07-	116259	12 2.1	
	(E90)[N46B20C]	01.05- 01.05-	113871 115867	14 150 A49 14 150	AT	01.05- 01.05- 01.05- 03.05-	113925 114091 116416 115558	12 1.8 12 1.8 12 1.6 12 1.4	
320 2.0 i Gran Turismo	(F34)[N20B20A]	03.13-	116220	14 170	AT	03.13-	116059	12 2.2	A49
	(F34)[N20B20B]	03.13- 03.13-	116220 116442	14 170 14 210		03.13-	116059	12 2.2	A49
320 2.0 i Gran Turismo xDrive	(F34)[N20B20A]	03.13-	116220	14 170		03.13-	116059	12 2.2	A49
	(F34)[N20B20B]	03.13-	116220	14 170		03.13-	116059	12 2.2	A49
320 2.0 i Touring	(F31)[N20B20B]	06.12-	116220	14 170	A25	06.12-	116059	12 2.2	A49
320 2.0 i xDrive	(F30)[N20B20A]	11.11-	116220	14 170		11.11-	116059	12 2.2	A49
	(F31)[N20B20B]	01.12- 06.15	116220	14 170		01.12- 06.15	116059	12 2.2	A49
	(F34)	03.13- 03.13-	116220 116442	14 170 14 210		03.13-	116059	12 2.2	A49
320 2.0 Si	(E90)[N45B20A]	03.06- 09.06 05.06- 12.11	113871 115867	14 150 A49 14 150		03.06- 09.06 05.06- 12.11	113925 116160	12 1.8 12 1.6	
320 2.2 Ci	(E46)[M54B22]	09.00-	111873	14 80		09.00-	111911	12 1.4	
	(E46)[M54B22(226S1)]	09.00- 01.06- 12.07	111873 112193	14 80 14 120		09.00-	111911	12 1.4	
320 2.2 i	(E46)[M54B22(226S1)]	09.00-	111873	14 80		09.00-	111911	12 1.4	
323 2.5 Ci	(E46)[M52B25 (Vanos)]	04.99- 04.99-	111873 112193	14 80 14 120		04.99-	111911	12 1.4	
323 2.5 i	(E36)[M52B25]	03.95-	112687	14 80		03.95-	111911	12 1.4	
	(E36)[M52B25 (256S3)]	03.95-	112687	14 80		03.95-	111911	12 1.4	
	(E46)[M52B25 (256S4)]	03.98- 03.98-	111873 112193	14 80 14 120		03.98-	111911	12 1.4	
	(E36)[M52B25 (Vanos)]	06.95- 04.99	112687	14 80		06.95- 04.99	115574	12 1.2	
	(E46)	03.98- 09.00	112193	14 120		03.98- 09.00	111911	12 1.4	
	(E46)[M52B25TU]	03.98- 09.00	112193	14 120		03.98- 09.00	111911	12 1.4	
	(E90)[N52B25]	04.06- 06.07 04.06- 06.07 04.06- 06.07 04.06- 06.07 04.06- 06.07	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA		04.06- 06.07 04.06- 06.07 04.06- 06.07 04.06- 06.07	114740 115574	12 1.2 12 1.2	
	(E91)[N52B25A]	04.06- 06.07 04.06- 06.07 04.06- 06.07 04.06- 06.07 04.06- 06.07	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA		04.06- 06.07 04.06- 06.07	114740 115574	12 1.2 12 1.2	
	(E93)	03.07- 09.11 03.07- 09.11 03.07- 09.11	116012 116120 116121	14 150 14 180 14 180					
	(E92)[N52B25AE]	04.06- 02.12 04.06- 02.12 04.06- 02.12	116012 116120 116121	14 150 14 180 14 180		04.06- 02.12	114740	12 1.2	
	(E92)[N52B25BE]	04.06- 02.12 04.06- 02.12 04.06- 02.12	116012 116120 116121	14 150 14 180 14 180		04.06- 02.12	114740	12 1.2	
323 2.5 Ti	(E36)[M52B25]	08.97- 08.00	112687	14 80		08.97- 08.00	111911	12 1.4	
324 2.4 Diesel	(E30)[M21D24W]					09.85- 08.91	112533	12 2.2	
324 2.4 TD	(E30)[M21D24]					01.88- 06.93	113446	12 2.2	
	(E30)[M21D24WA]					09.87- 08.91	113446	12 2.2	
325 2.0 Diesel	(F30, F35, F80)[B47D20B]	03.16- 03.16- 02.18	116622 116727	14 180 14 210					
	(F31)	03.16- 03.16- 02.18	116622 116727	14 180 14 210					
	(F30)[N47D20D]	10.11- 10.11-	115670 115694	14 220 14 180		10.11-	115574	12 1.2	
	(F30, F35, F80)	10.11- 10.11- 10.11-	115670 115675 115694	14 220 14 180 14 180		10.11-	115574	12 1.2	



BMW Continued

	(F31)	03.13- 03.13- 03.13-	115670 115675 115694	14 220 14 180 14 180	03.13-	115574	12 1.2
325 2.0 Diesel Gran Turismo	(F34)[B47D20B]	07.16- 07.16- 02.18	116622 116727	14 180 14 210			
	(F34)[N47D20D]	03.13- 03.13-	115670 115694	14 220 14 180	03.13-	115574	12 1.2
325 2.5 TD	(E36)[M51D25]	03.91- 02.98 09.91-	112800 111788	14 95 14 105	03.91- 02.98 09.91-	111400 111911	12 1.4 12 1.4
325 2.5 TDS	(E36)[M51D25]	05.93- 05.93- 12.95	111788 112800	14 105 14 95	05.93- 05.93- 12.95	111911 111400	12 1.4 12 1.4
325 2.5 Ci	(E46)[M54B25 (256S5)]	09.00-	111873	14 80	09.00-	111911	12 1.4
325 2.5 i	(E36)[M50B20TU]	09.90- 09.95	112687	14 80	09.90- 09.95	111911	12 1.4
	(E36)[M50B25]	09.91- 09.95	112687	14 80	09.91- 09.95	111911	12 1.4
	(E36)[M50B25 (256S1)]	03.92- 04.99	112687	14 80	03.92- 04.99	111911	12 1.4
	(E36)[M50B25 (256S2)]	09.91- 09.95	112687	14 80	09.91- 09.95	111400	12 1.4
					03.92- 04.99	111911	12 1.4
	(E36)[M50B25TU]	03.92- 04.99	112687	14 80	03.92- 04.99	111400	12 1.4
	(E46)[M54B25 (256S5)]	09.00- 03.05	111873	14 80	09.00- 03.05	111911	12 1.4
	(E90)[N52B25]	01.05- 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA	01.05- 01.05- 12.11 01.05- 12.11 01.05- 12.11	111400 115574 115335 114740	12 1.4 12 1.2 12 2.2 12 1.2
	(E93)	03.07- 03.07- 03.07- 03.07-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA	03.07-	114689	12 2.0
	(E90)[N52B25A]	01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA	01.05- 12.11 01.05- 01.05- 12.11 01.05- 12.11	111400 114091 115574 115335	12 1.4 12 1.8 12 1.2 12 2.2
	(E92)	09.06- 09.06- 09.06- 09.06-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA			
	(E93)	03.07- 03.07- 03.07- 03.07-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA			
	(E90)[N52B25C]	01.05- 01.05- 01.05- 01.05- 01.05-	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA	01.05- 01.05- 01.05- 01.05-	114091 115574 114740	12 1.8 12 1.2 12 1.2
	(E92)	09.06- 09.06- 09.06- 09.06-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA			
325 2.5 i xDrive	(E92)[N52B25A]	09.06- 12.13 09.06- 12.13 09.06- 12.13 09.06- 12.13 09.06- 12.13	114524 116012 116120 116121 116295	14 180 VA A49 14 150 14 180 BO 14 180 BO A49 14 180 VA	09.06- 12.13 09.06- 12.13	114740 115574	12 1.2 12 1.2
325 2.5 Ti	(E46)[M54B25256S5]	06.01-	111873	14 80	06.01-	111911	12 1.4
325 2.5 Xi	(E46)[M54B25 (256S5)]	09.00- 03.05	111873	14 80	09.00- 03.05	111911	12 1.4
	(E90)[N52B25A]	01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA	01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05-	111400 115574 115335 114740 114091	12 1.4 12 1.2 12 2.2 12 1.2 12 1.8
	(E91)	01.05- 01.05- 01.05- 01.05- 01.05-	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA	09.06- 09.06- 01.05- 01.05-	111400 114689 114740 115574	12 1.4 12 2.0 12 1.2 12 1.2
	(E92)	09.06- 09.06- 09.06- 09.06-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA			
	(E90)[N52B25C]	01.05- 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA	01.05- 01.05- 12.11 01.05- 12.11 01.05- 12.11	111400 115574 115335 114740	12 1.4 12 1.2 12 2.2 12 1.2
	(E91)	01.05- 01.05- 01.05- 01.05- 01.05-	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA	01.05- 01.05- 01.05- 01.05-	115574 115335 114740	12 1.2 12 2.2 12 1.2
	(E92)	09.06- 09.06- 09.06- 09.06-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA			
325 3.0 Diesel	(E90)[M57D30 (306D3)]	09.06- 12.11	114720	14 150	09.06- 12.11	115574	12 1.2
	(E91)	09.06-	114720	14 150	09.06-	115574	12 1.2
	(E92)	03.07-	114720	14 150	03.07-	115574	12 1.2
	(E93)	01.07- 12.09	114720	14 150	01.07- 12.09	115574	12 1.2
325 3.0 i	(E92)[N51B30A]	09.07- 09.07- 09.07- 09.07-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA	09.07- 09.07- 09.07- 09.07-	111400 114740 116059	12 1.4 12 1.2 12 2.2 A49
	(E93)	03.07- 03.07- 03.07- 03.07-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA	03.07- 03.07- 03.07-	114740 114689	12 1.2 12 2.0



	(E91)[N53 B30A]	09.07-	114524	14 180 VA A49	09.07-	113446	12 2.2	
		09.07-	116120	14 180 BO	09.07-	114740	12 1.2	
		09.07-	116121	14 180 BO A49				
		09.07-	116295	14 180 VA				
	(E90)[N53B30]	09.07- 12.11	114524	14 180 VA A49	09.07- 12.11	115558	12 1.4	
		09.07- 12.11	116120	14 180 BO	09.07- 12.11	114740	12 1.2	
		09.07- 12.11	116121	14 180 BO A49				
		09.07- 12.11	116295	14 180 VA				
	(E91)	09.07-	114524	14 180 VA A49	09.07-	115574	12 1.2	
		09.07-	116120	14 180 BO	09.07-	114740	12 1.2	
		09.07-	116121	14 180 BO A49				
		09.07-	116295	14 180 VA				
	(E92)	09.07-	114524	14 180 VA A49				
		09.07-	116120	14 180 BO				
		09.07-	116121	14 180 BO A49				
		09.07-	116295	14 180 VA				
	(E93)	03.07-	114524	14 180 VA A49				
		03.07-	116120	14 180 BO				
		03.07-	116121	14 180 BO A49				
		03.07-	116295	14 180 VA				
	(E90)[N53B30A]	06.06- 12.11	114524	14 180 VA A49	09.07- 12.11	111400	12 1.4	
		06.06- 12.11	116012	14 150	06.06- 12.11	114740	12 1.2	
		06.06- 12.11	116120	14 180 BO	06.06- 12.11	115574	12 1.2	
		06.06- 12.11	116121	14 180 BO A49	09.07- 12.11	116059	12 2.2	
	(E91)	06.06- 12.11	116295	14 180 VA				A49
	(E91)	09.07-	114524	14 180 VA A49	07.07-	113446	12 2.2	
		09.07-	116120	14 180 BO	07.07-	114740	12 1.2	
		09.07-	116121	14 180 BO A49	09.07-	115574	12 1.2	
		09.07-	116295	14 180 VA				
	(E92)	07.07-	114524	14 180 VA A49	10.06-	114091	12 1.8	
		07.07-	116120	14 180 BO	10.06-	114740	12 1.2	
		07.07-	116121	14 180 BO A49	03.07-	115574	12 1.2	
		07.07-	116295	14 180 VA				
	(E93)	10.06-	114524	14 180 VA A49				
		10.06-	116120	14 180 BO				
		10.06-	116121	14 180 BO A49				
		10.06-	116295	14 180 VA				
325 3.0 i Xdrive	(E91)[N51B30A]	09.07-	114524	14 180 VA A49	09.07-	115558	12 1.4	
		09.07-	116120	14 180 BO	09.07-	114740	12 1.2	
		09.07-	116121	14 180 BO A49	09.08-	115574	12 1.2	
		09.07-	116295	14 180 VA				
	(E92)	09.08-	114524	14 180 VA A49				
		09.08-	116120	14 180 BO				
		09.08-	116121	14 180 BO A49				
		09.08-	116295	14 180 VA				
	(E90)[N53B30A]	09.08- 12.11	114524	14 180 VA A49	09.08- 12.11	111400	12 1.4	
		09.08- 10.11	116012	14 150	09.08- 10.11	115574	12 1.2	
		09.08- 10.11	116120	14 180	09.08- 10.11	114740	12 1.2	
		09.08- 10.11	116121	14 180 A49	09.08- 12.11	116059	12 2.2	
	(E91)	09.08- 12.11	116295	14 180 VA	09.07-	113446	12 2.2	A49
	(E91)	09.07-	114524	14 180 VA A49	09.08-	111400	12 1.4	
		09.07-	116120	14 180 BO	09.08- 06.12	114740	12 1.2	
		09.07-	116121	14 180 BO A49	09.08- 06.12	115574	12 1.2	
		09.07-	116295	14 180 VA	09.08-	116059	12 2.2	
	(E92)	09.08- 06.12	116012	14 150				A49
	(E92)	09.08-	114524	14 180 VA A49				
		09.08-	116120	14 180 BO				
		09.08-	116121	14 180 BO A49				
		09.08-	116295	14 180 VA				
325 3.0 Xi	(E90)[N53B30A]	09.07- 12.11	114524	14 180 VA A49	09.07- 12.11	111400	12 1.4	
		09.07- 12.11	116120	14 180 BO	09.07- 12.11	114740	12 1.2	
		09.07- 12.11	116121	14 180 BO A49	09.07- 12.11	116059	12 2.2	
		09.07- 12.11	116295	14 180 VA				
	(E91)	09.07-	114524	14 180 VA A49	09.07-	111400	12 1.4	
		09.07- 08.08	116012	14 150	09.07- 08.08	114740	12 1.2	
		09.07- 08.08	116120	14 180	09.07- 08.08	115335	12 2.2	
		09.07- 08.08	116121	14 180 A49	09.07-	116059	12 2.2	
	(E92)	09.07-	116295	14 180 VA				A49
	(E92)	09.07-	114524	14 180 VA A49				
		09.07-	116120	14 180 BO				
		09.07-	116121	14 180 BO A49				
		09.07-	116295	14 180 VA				
	(E92)	09.07- 08.08	116012	14 150	09.07- 08.08	115574	12 1.2	
		09.07- 08.08	116120	14 180	09.07- 08.08	114740	12 1.2	
		09.07- 08.08	116121	14 180 A49				
		09.07- 08.08	116295	14 180 VA				
328 2.0 i	(F30)[N20B20A]	10.11-	116220	14 170	10.11-	116259	12 2.1	
328 2.0 i Gran Turismo	(F34)[N20B20A]	03.13-	116220	14 170	03.13-	115562	12 1.7	
					03.13-	116259	12 2.1	
328 2.0 i Gran Turismo xDrive	(F34)[N20B20A]	03.13-	116220	14 170	03.13-	115574	12 1.2	
					03.13-	116259	12 2.1	
328 2.0 i Touring	(F31)[N20B20A]	06.12-	116220	14 170	06.12-	115562	12 1.7	
					06.12-	116259	12 2.1	
328 2.0 i xDrive	(F30)[N20B20A]	10.11-	116220	14 170	10.11-	115562	12 1.7	
					10.11-	116259	12 2.1	
	(F31)	06.12-	116220	14 170	06.12-	115574	12 1.2	
					06.12-	116259	12 2.1	
328 2.8 Ci	(E46)[M52B28]	04.99-	111873	14 80	04.99-	111911	12 1.4	
		04.99-	112193	14 120				
	(E46)[M52B28 (286S2)]	04.99- 06.00	112193	14 120	04.99- 06.00	111911	12 1.4	
328 2.8 i	(E36)[M52B28]	01.95-	112687	14 80	01.95-	111911	12 1.4	
	(E46)	02.98-	111873	14 80	02.98-	111911	12 1.4	
		02.98-	112193	14 120				
	(E36)[M52B28 (286S1)]	01.95- 02.98	112687	14 80	01.95- 02.98	115562	12 1.7	
					01.95- 04.99	111911	12 1.4	
	(E46)[M52B28 (286S2)]	02.98- 06.00	112193	14 120	02.98- 06.00	111911	12 1.4	
	(E36)[M52B28TU]	01.95- 02.98	112687	14 80	01.95- 02.98	111911	12 1.4	
					01.95- 10.99	115562	12 1.7	

BMW Continued

330 2.9 Diesel	(E46)[M57D30]	09.99-	112462	14	120	09.99-	113446	12	2.2
		09.99-	112468	14	150				
		10.99-	113407	14	150				
	(E46)[M57D30 (306D1)]	10.99- 02.05	112462	14	120	10.99- 02.05	113446	12	2.2
330 2.9 Diesel Xdrive	(E46)[M57D30]	10.99- 02.05	112468	14	150	10.99- 02.05	114091	12	1.8
		10.99- 02.05	113407	14	150				
		06.00-	113407	14	150	06.00-	113446	12	2.2
	(E90)[M57306D3]	09.05- 12.11	114720	14	150	09.05- 12.11	115574	12	1.2
	(E91)	09.05-	114720	14	150	09.05-	115574	12	1.2
	(E92)	09.06-	114720	14	150	09.06-	115574	12	1.2
	(E46)[M57D30(306D2)]	03.03- 02.05	113881	14	150	03.03- 02.05	114091	12	1.8
	(E90)[M57D30TU2]	09.05- 12.11	114720	14	150	09.05- 12.11	115574	12	1.2
	(E92)	09.06-	114720	14	150	09.06-	115574	12	1.2
	(F30)[N57D30A]	01.12-	116388	14	220				
	(F30, F35, F80)	09.15-	116388	14	220				
	(F31)	07.12- 06.19	116388	14	220				
330 3.0 Diesel Gran Turismo	(F34)[N57D30A]	01.14-	116388	14	220				
330 3.0 Diesel Touring	(F31)[N57D30A]	06.12-	116388	14	220				
330 3.0 Diesel Xdrive	(E90)[M57306D3]	09.05- 12.11	114720	14	150	09.05- 12.11	115574	12	1.2
	(E91)	09.05-	114720	14	150	09.05-	115574	12	1.2
	(E92)	09.06-	114720	14	150	09.06-	115574	12	1.2
	(E46)[M57D30(306D2)]	03.03- 02.05	113881	14	150	03.03- 02.05	114091	12	1.8
	(E90)[M57D30TU2]	09.05- 12.11	114720	14	150	09.05- 12.11	115574	12	1.2
	(E91)	09.05-	114720	14	150	09.05-	115574	12	1.2
	(E92)	09.06-	114720	14	150	09.06-	115574	12	1.2
	(F30)[N57D30A]	03.13-	116388	14	220				
	(F30, F35, F80)	09.15-	116388	14	220				
	(F31)	06.12-	116388	14	220				
	(F34)	01.14-	116388	14	220				
	(E46)[M54306S3]	06.00-	111873	14	80	06.00-	111911	12	1.4
330 3.0 Ci	(E46)[M54B30 (306S3)]	06.00-	111873	14	80	06.00-	111911	12	1.4
		06.00-	112193	14	120	06.00-	113446	12	2.2
		06.00-	115976	14	150	06.00-	115335	12	2.2
	(E46)[M54B30 (306S3)]	06.00-	111873	14	80	06.00-	111911	12	1.4
330 3.0 i	(E46)[M54B30 (306S3)]	01.05- 12.11	114524	14	180 VA A49	01.05-	114091	12	1.8
		01.05- 12.11	115904	14	155	01.05-	114689	12	2.0
		01.05- 12.11	116120	14	180 BO	01.05- 12.11	114740	12	1.2
		01.05- 12.11	116121	14	180 BO A49	A25 01.05- 12.11	115335	12	2.2
		01.05- 12.11	116295	14	180 VA	01.05- 12.11	115574	12	1.2
	(E90)[N52B30A]	01.05- 12.11	114524	14	180 VA A49	A25 01.05- 12.11	116059	12	2.2 A49
		01.05- 12.11	115904	14	155	01.05- 12.11	114091	12	1.8
		01.05- 12.11	116012	14	150	01.05-	114740	12	1.2
		01.05- 12.11	116120	14	180 BO	A25 01.05-	115335	12	2.2
		01.05- 12.11	116121	14	180 BO A49	01.05-	115574	12	1.2
	(E92)	01.05- 12.11	116121	14	180 BO A49	A25 01.05-	116059	12	2.2 A49
		01.05- 12.11	116295	14	180 VA				
		09.06-	114524	14	180 VA A49	09.06-	114689	12	2.0
		09.06-	116120	14	180 BO	09.06-	116059	12	2.2 A49
		09.06-	116121	14	180 BO A49	03.07- 12.13	115574	12	1.2
	(E93)	09.06-	116295	14	180 VA	03.07-	114072	12	2.0
		03.07- 12.13	114524	14	180 VA A49	03.07-	114689	12	2.0
		03.07- 12.13	116012	14	150	03.07- 12.13	114740	12	1.2
		03.07- 12.13	116120	14	180 BO	03.07- 12.13	115335	12	2.2
		03.07- 12.13	116121	14	180 BO A49	A25 03.07- 12.13	116059	12	2.2 A49
	(E90)[N52B30B]	03.07- 12.13	116295	14	180 VA				
		09.07- 12.11	114524	14	180 VA A49	09.07- 12.11	114740	12	1.2
		09.07- 12.11	115904	14	155	A25 09.07- 12.11	115335	12	2.2
		09.07- 12.11	116012	14	150	09.07- 12.11	115574	12	1.2
		09.07- 12.11	116120	14	180 BO	A25 09.07- 12.11	116059	12	2.2 A49
	(E90)[N52B30BF]	09.07- 12.11	116121	14	180 BO A49				
		09.07- 12.11	116295	14	180 VA				
		09.07- 12.11	114524	14	180 VA A49	09.07- 12.11	114740	12	1.2
		09.07- 12.11	115904	14	155	A25 09.07- 12.11	115335	12	2.2
		09.07- 12.11	116012	14	150	09.07- 12.11	115574	12	1.2
	(E90)[N53B30A]	09.07- 12.11	116120	14	180 BO	A25 09.07- 12.11	116059	12	2.2 A49
		09.07- 12.11	116121	14	180 BO A49				
		09.07- 12.11	116295	14	180 VA	09.07- 12.11	114072	12	2.0
		09.07- 12.11	114524	14	180 VA A49	A25 09.07- 12.11	115335	12	2.2
		09.07- 12.11	115904	14	155	09.07- 12.11	114740	12	1.2
	(E91)	09.07- 12.11	116120	14	180 BO	09.07- 12.11	114689	12	2.0
		09.07-	116121	14	180 BO A49	09.07-	114072	12	2.0
		09.07-	116295	14	180 VA	09.07-	116059	12	2.2 A49
		03.07- 12.13	114524	14	180 VA A49	09.07-	114689	12	2.0
		03.07- 12.13	116012	14	150	03.07- 12.13	114740	12	1.2
	(E92)	03.07- 12.13	116120	14	180 BO	03.07- 12.13	115335	12	2.2
		03.07- 12.13	116121	14	180 BO A49	03.07- 12.13	115574	12	1.2
		03.07- 12.13	116295	14	180 VA	09.07-	116001	12	2.0
						A25 03.07- 12.13	116059	12	2.2 A49
		03.07-	114524	14	180 VA A49	03.07-	114740	12	1.2
	(E93)	03.07-	116120	14	180 BO	03.07-	114689	12	2.0
		03.07-	116121	14	180 BO A49				
		03.07-	116295	14	180 VA				
		09.08- 12.11	114524	14	180 VA A49	09.08- 12.11	115574	12	1.2
		09.08- 12.11	116120	14	180 BO	09.08- 12.11	114740	12	1.2
330 3.0 i Xdrive	(E90)[N53B30A]	09.08- 12.11	116121	14	180 BO A49	09.08- 12.11	114689	12	2.0
		09.08- 12.11	116295	14	180 VA				
		09.07-	114524	14	180 VA A49	09.07-	114740	12	1.2
		09.07-	116120	14	180 BO	A25 09.07-	116059	12	2.2 A49
	(E91)	09.07-	116121	14	180 BO A49	09.08-	115574	12	1.2
		09.07-	116295	14	180 VA				
		09.08-	114524	14	180 VA A49	AT 09.08-	116416	12	1.7
		09.08-	116120	14	180 BO				
	(E92)	09.08-	116121	14	180 BO A49				
		09.08-	116295	14	180 VA				
		06.00-	111873	14	80	06.00-	111911	12	1.4



	(E90)[N52B30A]	01.05- 12.11	114524	14 180 VA A49		01.05- 12.11	114091	12 1.8	
		01.05- 12.11	115904	14 155	A25	01.05- 12.11	115335	12 2.2	
		01.05- 12.11	116120	14 180 BO		01.05- 12.11	114740	12 1.2	
		01.05- 12.11	116121	14 180 BO A49		01.05- 12.11	114689	12 2.0	
		01.05- 12.11	116295	14 180 VA		01.05- 12.11	116059	12 2.2	A49
	(E91)	01.05-	114524	14 180 VA A49		01.05-	114091	12 1.8	
		01.05-	115904	14 155	A25	01.05-	115335	12 2.2	
		01.05-	116120	14 180 BO		01.05-	114740	12 1.2	
		01.05-	116121	14 180 BO A49		01.05-	114689	12 2.0	
		01.05-	116295	14 180 VA		01.05-	116059	12 2.2	A49
	(E92)	09.06-	114524	14 180 VA A49		09.06-	114072	12 2.0	
		09.06-	116120	14 180 BO		09.06-	114740	12 1.2	
		09.06-	116121	14 180 BO A49		09.06-	114689	12 2.0	
		09.06-	116295	14 180 VA		09.06-	116059	12 2.2	A49
	(E90)[N53B30A]	09.07- 12.11	114524	14 180 VA A49		09.07- 12.11	114072	12 2.0	
		09.07- 12.11	116120	14 180 BO		09.07- 12.11	114740	12 1.2	
		09.07- 12.11	116121	14 180 BO A49		09.07- 12.11	114689	12 2.0	
		09.07- 12.11	116295	14 180 VA		09.07- 12.11	116059	12 2.2	A49
	(E91)	09.07-	114524	14 180 VA A49		09.07-	114072	12 2.0	
		09.07-	116120	14 180 BO		09.07-	114740	12 1.2	
		09.07-	116121	14 180 BO A49		09.07-	114689	12 2.0	
		09.07-	116295	14 180 VA		09.07-	116001	12 2.0	
	(E92)	09.06-	114524	14 180 VA A49		09.06-	115574	12 1.2	
		09.06-	116120	14 180 BO		09.06-	114740	12 1.2	
		09.06-	116121	14 180 BO A49	A25	09.06-	116059	12 2.2	A49
		09.06-	116295	14 180 VA					
330 3.0 i	(E91)[N52B30A]	03.07- 06.12	115904	14 155		03.07- 06.12	114740	12 1.2	
		03.07- 06.12	116012	14 150	A25	03.07- 06.12	115335	12 2.2	
		03.07- 06.12	116120	14 180					
		03.07- 06.12	116295	14 180					
335 3.0 Diesel	(E90)[M57D30 (306D5)]	09.06- 12.11	113896	14 170 A49		09.06- 12.11	114091	12 1.8	
		09.06- 12.11	115860	14 150		09.06- 12.11	115574	12 1.2	
		09.06- 12.11	116158	14 170					
	(E91)	09.06-	115860	14 150		09.06-	115562	12 1.7	
	(E92)	09.06-	114720	14 150		09.06-	114091	12 1.8	
		09.06-	115860	14 150	A25	09.06-	115562	12 1.7	
335 3.0 Diesel xDrive	(F30)[N57D30B]	07.13-	116388	14 220		07.13-	115574	12 1.2	
						07.13-	115335	12 2.2	
						07.13-	116059	12 2.2	A49
						09.13-	115574	12 1.2	
	(F31)	09.13-	116388	14 220		01.14-	115574	12 1.2	
	(F34)	01.14-	116388	14 220					
335 3.0 i	(E90)[N54B30A]					03.06- 12.11	114740	12 1.2	
						03.06- 12.11	115574	12 1.2	
					AT and Start/Stop	09.06- 12.11	116464	12 1.5	
	(E91)					03.06- 05.12	114740	12 1.2	
						03.06- 05.12	115574	12 1.2	
	(E92)					11.05- 06.13	114740	12 1.2	
						11.05- 06.13	115574	12 1.2	
	(E93)					05.06- 10.13	114740	12 1.2	
						05.06- 10.13	115574	12 1.2	
	(E93)[N54B30B]					03.07-	114740	12 1.2	
						03.07-	115574	12 1.2	
	(E90)[N55B30A]				AT and Start/Stop	09.06- 12.11	116464	12 1.5	
						09.06- 12.11	114740	12 1.2	
						09.06- 12.11	115574	12 1.2	
	(E91)					03.06- 05.12	114740	12 1.2	
						03.06- 05.12	115574	12 1.2	
	(E92)					11.05- 06.13	114740	12 1.2	
						11.05- 06.13	115574	12 1.2	
	(E93)					05.06- 10.13	114740	12 1.2	
						05.06- 10.13	115574	12 1.2	
	(F30)				AT and Start/Stop	10.11-	116464	12 1.5	
						10.11-	115574	12 1.2	
	(F30, F35, F80)					10.11- 07.13	115574	12 1.2	
	(F31)					01.12- 07.13	115574	12 1.2	
335 3.0 i Gran Turismo	(F34)[N55B30A]				AT	03.13-	116464	12 1.5	
					AT	03.13-	116464	12 1.5	
						03.13- 03.14	115574	12 1.2	
335 3.0 i Gran Turismo xDrive	(F34)[N55B30A]				AT	03.13-	116464	12 1.5	
						03.13-	115574	12 1.2	
335 3.0 i Xdrive	(E90)[N54B30A]	09.08- 12.11	115804	14 180		05.08- 10.11	114740	12 1.2	
						05.08- 10.11	115574	12 1.2	
						09.08- 12.11	115562	12 1.7	
	(E91)	09.08-	115804	14 180		05.08- 05.12	114740	12 1.2	
						05.08- 05.12	115574	12 1.2	
						09.08-	115562	12 1.7	
	(E92)	09.08-	115804	14 180		09.08-	115562	12 1.7	
						09.08-	114740	12 1.2	
						09.08-	115574	12 1.2	
	(E90)[N55B30A]	09.08- 12.11	115804	14 180		05.08- 10.11	114740	12 1.2	
						05.08- 10.11	115574	12 1.2	
						09.08- 12.11	115562	12 1.7	
	(E91)	09.08-	115804	14 180		05.08- 05.12	114740	12 1.2	
						05.08- 05.12	115574	12 1.2	
						09.08-	115562	12 1.7	
	(E92)	09.08-	115804	14 180		09.08-	115562	12 1.7	
						09.08-	114740	12 1.2	
						09.08-	115574	12 1.2	
	(F30)				AT and Start/Stop	10.11-	116464	12 1.5	
						10.11-	115574	12 1.2	
						10.11- 07.13	115574	12 1.2	
	(F30, F35, F80)					01.12- 07.13	115574	12 1.2	
	(F31)					03.13-	116464	12 1.5	
	(F34)				AT	03.13- 03.14	115574	12 1.2	
335 3.0 Xi	(E90)[N54B30A]	09.07- 12.11	115804	14 180		09.07- 12.11	114091	12 1.8	
						09.07- 12.08	114740	12 1.2	
						03.07-	115562	12 1.7	
	(E91)	03.07-	115804	14 180		03.07-	114740	12 1.2	
						03.07-	115574	12 1.2	
						09.06-	115562	12 1.7	



BMW Continued

	(E92)	09.06-	115804	14 180	09.06- 03.07- 02.10	114740 115562	12 1.2 12 1.7
	(E90)[N55B30A]	09.07- 12.11	115804	14 180	09.07- 12.11 09.07- 12.11 09.07- 12.11	115562 114740 115574	12 1.7 12 1.2 12 1.2
	(E91)				09.07- 09.07-	114740 115574	12 1.2 12 1.2
	(E92)	09.06-	115804	14 180	09.06- 09.06-	115562 114740	12 1.7 12 1.2
418 2.0 Diesel	(F32, F82)[B47D20A]	03.15- 03.15- 03.15- 10.17	116239 116622 116727	14 150 14 180 14 210	03.15- 03.15- 03.15-	116415 116273	12 1.75 12 1.8
418 2.0 Diesel Gran Coupe	(F36)[B47D20A]	03.14- 03.14- 03.14-	116239 116622 116727	14 150 14 180 14 210	03.14- 03.14-	116415 116273	12 1.75 12 1.8
	(F36)[N47D20C]	03.14- 03.14- 03.14- 03.14- 03.14- 03.14-	115670 115694 116239 116622 116727	14 220 14 180 14 150 14 180 14 210	03.14- 03.14- 03.14-	115558 116415 116273	12 1.4 12 1.75 12 1.8
420 2.0 Diesel	(F32, F82)[B47D20A]	07.13- 07.13- 07.13-	116239 116622 116727	14 150 14 180 14 210	07.13- 07.13- 07.13- 03.15-	116415 116259 116059 116273	12 1.75 12 2.1 12 2.2 A49 12 1.8
	(F33, F83)	10.13- 10.13- 11.13-	116239 116622 116727	14 150 14 180 14 210	10.13- 11.13-	116259 116059	12 2.1 12 2.2 A49
	(F32)[N47D20C]	07.13- 07.13-	115670 115694	14 220 14 180	07.13- 07.13-	115558 115562	12 1.4 12 1.7
	(F32, F82)	07.13- 03.15 07.13- 03.15 07.13- 07.13- 07.13-	115670 115694 116239 116622 116727	14 220 14 180 14 150 14 180 14 210	07.13- 03.15 07.13- 03.15 07.13- 07.13-	115558 115562 116416 116059	12 1.4 12 1.7 12 1.7 12 2.2 A49
	(F33)	10.13- 10.13-	115670 115694	14 220 14 180	10.13- 10.13-	115562 115558	12 1.7 12 1.4
	(F33, F83)	10.13- 10.13- 10.13- 10.13- 10.13- 10.13- 10.13- 11.13-	115670 115675 115694 116239 116622 116727	14 220 14 180 14 180 14 150 14 180 14 210	10.13- 10.13- 10.13- 10.13-	115562 116273 116416	12 1.7 12 1.8 12 1.7
420 2.0 Diesel Gran Coupe	(F36)[B47D20A]	03.14- 03.14- 03.14-	116239 116622 116727	14 150 14 180 14 210	03.14- 03.14-	116415 116273	12 1.75 12 1.8
	(F36)[N47D20C]	03.14- 03.15 03.14- 03.15 03.14- 03.14- 03.14-	115670 115694 116239 116622 116727	14 220 14 180 14 150 14 180 14 210 14 180	03.14- 03.15 03.14- 03.15 03.14- 03.14- 03.14-	115558 115335 115562 116416 116273	12 1.4 12 2.2 12 1.7 12 1.7 12 1.8
420 2.0 Diesel xDrive	(F32, F82)[B47D20A]	11.13- 11.13- 11.13-	116239 116622 116727	14 150 14 180 14 210	11.13- 11.13-	116415 116273	12 1.75 12 1.8
	(F32)[N47D20C]	11.13- 11.13-	115670 115694	14 220 14 180	11.13- 11.13-	115558 115562	12 1.4 12 1.7
	(F32, F82)	11.13- 03.15 11.13- 03.15 11.13- 11.13- 11.13- 11.13-	115670 115694 116239 116622 116727	14 220 14 180 14 150 14 180 14 210	11.13- 03.15 11.13- 03.15 11.13- 11.13-	115558 115562 116416 116059	12 1.4 12 1.7 12 1.7 12 2.2 A49
	(F36)	03.14- 03.14-	115670 115694	14 220 14 180	03.14-	115562	12 1.7
420 2.0 Diesel xDrive Gran Coupe	(F36)[B47D20A]	03.14- 03.14- 03.14-	116239 116622 116727	14 150 14 180 14 210	03.14- 03.14-	116416 116273	12 1.7 12 1.8
	(F36)[N47D20C]	03.14- 03.15 03.14- 03.15 03.14- 03.14- 03.14-	115670 115694 116239 116622 116727	14 220 14 180 14 150 14 180 14 210	03.14- 03.15 03.14- 03.15 03.14- 03.14-	115558 115335 116416 116273	12 1.4 12 2.2 12 1.7 12 1.8
420 2.0 i	(F32)[N20B20B]	11.13-	116220	14 170	11.13-	115335	12 2.2
	(F32, F82)	11.13- 11.13-	116220 116442	14 170 14 210	11.13- 11.13-	116415 116259	12 1.75 12 2.1
	(F33, F83)	07.14- 07.14-	116220 116442	14 170 14 210	07.14- 07.14-	116415 116259	12 1.75 12 2.1
420 2.0 i Gran Coupe	(F36)[N20B20B]	03.14- 03.14-	116220 116442	14 170 14 210	03.14- 03.14- 03.14-	115335 116415 116259	12 2.2 12 1.75 12 2.1
420 2.0 i xDrive	(F32)[N20B20B]	11.13-	116220	14 170	11.13-	115335	12 2.2
	(F32, F82)	11.13- 11.13-	116220 116442	14 170 14 210	11.13- 11.13-	116415 116259	12 1.75 12 2.1
	(F36)	07.14- 07.14-	116220 116415	14 170 14 175	07.14- 07.14-	116415 116259	12 1.75 12 2.1
425 2.0 Diesel	(F32, F82)[B47D20B]	03.16- 03.16- 10.17	116622 116727	14 180 14 210	03.16-	116059	12 2.2 A49
	(F33, F83)	03.16- 03.16- 02.18	116622 116727	14 180 14 210			
	(F32, F82)[N47D20D]	01.14- 01.14-	115670 115694	14 220 14 180	01.14- 01.14-	115558 115335	12 1.4 12 2.2
	(F33, F83)	07.14- 07.14-	115670 115694	14 220 14 180	07.14- 07.14-	115558 115335	12 1.4 12 2.2
425 2.0 Diesel Gran Coupe	(F36)[B47D20B]	03.16- 03.16- 02.18	116622 116727	14 180 14 210	03.16-	116059	12 2.2 A49
428 2.0 i	(F32)[N20B20A]	07.13-	116220	14 170	07.13-	115562	12 1.7
	(F33)	10.13-	116220	14 170	10.13-	116259	12 2.1
	(F33)[N26B20A]	10.13-	116220	14 170	10.13- 10.13-	115562 116259	12 1.7 12 2.1
428 2.0 i Gran Coupe	(F36)[N20B20A]	03.14-	116220	14 170	03.14-	115562	12 1.7
428 2.0 i xDrive	(F32)[N20B20A]	07.13-	116220	14 170	07.13-	115562	12 1.7
	(F33, F83)	01.14-	116220	14 170	01.14-	116259	12 2.1



430 3.0 Diesel	(F36)	03.14-	116220	14 170	03.14-	115562	12 1.7	
	(F32)[N57D30A]	11.13-	116388	14 220	11.13-	115335	12 2.2	
	(F32, F82)	11.13-	116388	14 220	07.14-	116059	12 2.2	A49
	(F33, F83)	10.13-	116388	14 220				
430 3.0 Diesel Gran Coupe	(F36)[N57D30A]	07.14-	116388	14 220	AT 07.14-	116416	12 1.7	
430 3.0 Diesel xDrive	(F32, F82)[N57D30A]	11.13-	116388	14 220	AT 01.14-	116416	12 1.7	
	(F36)	07.14-	116388	14 220				
430 3.0 Diesel xDrive Gran Coupe	(F36)[N57D30A]	07.14-	116388	14 220				
435 3.0 Diesel xDrive	(F32)[N57D30B]	11.13-	116388	14 220	11.13-	115562	12 1.7	
					11.13-	115335	12 2.2	
					11.13-	116059	12 2.2	A49
	(F33, F83)	07.14-	116388	14 220	07.14-	115562	12 1.7	
	(F36)	07.14-	116388	14 220	07.14-	115562	12 1.7	
435 3.0 i	(F32)[N54B30A]				AT 07.13-	116464	12 1.5	
					07.13-	115574	12 1.2	
	(F32)[N55B30A]				AT 07.13-	116464	12 1.5	
					07.13-	115574	12 1.2	
	(F32, F82)				07.13-	115562	12 1.7	
					07.13-	115574	12 1.2	
	(F33)	11.13- 02.16	116670	14 210	AT 10.13-	116464	12 1.5	
					10.13-	115574	12 1.2	
					11.13- 02.16	115562	12 1.7	
	(F33, F83)				A25 10.13-	115562	12 1.7	
435 3.0 i Gran Coupe					10.13-	115574	12 1.2	
	(F36)[N55B30A]				AT 03.14-	116464	12 1.5	
435 3.0 i xDrive					A25 03.14-	115562	12 1.7	
	(F32)[N55B30A]				AT 07.13-	116464	12 1.5	
					07.13-	115574	12 1.2	
	(F32, F82)				A25 07.13-	115562	12 1.7	
					07.13-	115574	12 1.2	
	(F33, F83)				AT 07.14-	116464	12 1.5	
					A25 07.14-	115562	12 1.7	
					07.14-	115574	12 1.2	
435 3.0 i xDrive Gran Coupe	(F36)				AT 07.14-	116464	12 1.5	
					07.14-	115574	12 1.2	
					A25 07.14-	115562	12 1.7	
					07.14-	115574	12 1.2	
518 1.8 i	(E34)[M43B18]	05.94-	111946	14 80	05.94-	111911	12 1.4	
518 1.8	(E12)[M10B18]	07.74- 01.78	112310	14 55	07.74- 01.78	111911	12 1.4	
518 1.8 i	(E34)[M43B18]	05.94- 09.95	111946	14 80	05.94- 09.95	111911	12 1.4	
518 2.0 Diesel	(F10)[B47D20A]	10.13- 10.16	116727	14 210	10.13- 10.16	116059	12 2.2	
	(F10, F18)	01.13-	115823	14 220	01.13-	115335	12 2.2	
		07.14-	116622	14 180	07.14-	114118	12 1.4	
		07.14- 10.16	116727	14 210	07.14- 10.16	116273	12 1.8	
	(F11)	01.13-	116239	14 150	01.13-	115335	12 2.2	
		01.13-	116622	14 180	01.13-	114118	12 1.4	
		07.13- 02.17	116727	14 210	07.13- 02.17	116059	12 2.2	A49
					07.14- 02.17	116273	12 1.8	
	(F10)[N47D20C]	01.13-	115823	14 220	01.13-	115558	12 1.4	
	(F10, F18)	01.13-	115823	14 220	01.13-	115335	12 2.2	
	(F11)	01.13-	115823	14 220	01.13-	115558	12 1.4	
		01.13-	116239	14 150	01.13-	115335	12 2.2	
		01.13-	116622	14 180	01.13-	116273	12 1.8	
		07.13- 02.17	116727	14 210	07.13- 02.17	116059	12 2.2	A49
520 1.6 i	(F10, F18)[N20B16A]	11.15-	116220	14 170	11.15-	116415	12 1.75	
520 2.0 Diesel	(F10)[B47D20A]	10.13- 10.16	116239	14 150	03.10-	116059	12 2.2	
		10.13- 10.16	116727	14 210	10.13- 10.16	116273	12 1.8	
					03.10-	116416	12 1.7	
	(F10, F18)	03.10-	116239	14 150	A25 07.14-	116059	12 2.2	A49
		03.10-	116622	14 180	10.13-	116273	12 1.8	
		06.10- 10.16	116727	14 210				
	(F11)	10.13-	116239	14 150				
		05.14-	116622	14 180				
		07.14- 02.17	116727	14 210				
	(E39)[M47D20D1]	02.00- 09.03	112462	14 120	02.00- 09.03	111400	12 1.4	
		02.00- 09.03	112468	14 150	02.00- 12.02	111911	12 1.4	
					02.00- 09.03	114091	12 1.8	
	(E39)[M47D20]	02.00- 12.02	112462	14 120	02.00- 12.02	111911	12 1.4	
		02.00- 12.02	112468	14 150	02.00- 12.02	114091	12 1.8	
	(E60)[M47D20 (204D4)]	07.05-	113896	14 170 A49	07.05-	115558	12 1.4	
		07.05-	115860	14 150	07.05-	114689	12 2.0	
		07.05-	116158	14 170	07.05-	116273	12 1.8	
					09.05-	113925	12 1.8	
					09.05-	114740	12 1.2	
	(E61)	09.05-	113896	14 170 A49	09.05-	113925	12 1.8	
		09.05-	115860	14 150	09.05-	114740	12 1.2	
		09.05-	116158	14 170	09.05-	116273	12 1.8	
	(E61)[M47D20(204D4)]	07.05-	113896	14 170 A49	07.05-	114091	12 1.8	
		07.05-	115860	14 150	07.05-	115335	12 2.2	
		07.05-	116158	14 170	07.05-	116273	12 1.8	
	(E60)[N47D20A]	07.05-	113896	14 170 A49	07.05-	113925	12 1.8	
		07.05-	115860	14 150	07.05-	114689	12 2.0	
		07.05-	116158	14 170	07.05-	116273	12 1.8	
		09.07-	114292	14 180	09.07-	115562	12 1.7	
	(E61)	07.05-	113896	14 170 A49	07.05-	115558	12 1.4	
		07.05-	115860	14 150	07.05-	114689	12 2.0	
		07.05-	116158	14 170	07.05-	116273	12 1.8	
					09.07-	113925	12 1.8	
	(E60)[N47D20C]	07.05-	113896	14 170 A49	07.05-	114091	12 1.8	
		07.05-	115860	14 150	07.05-	115335	12 2.2	
		07.05-	116158	14 170	07.05-	116273	12 1.8	
		09.07-	114292	14 180	09.07-	115562	12 1.7	
	(E61)	07.05-	113896	14 170 A49	07.05-	115558	12 1.4	
		07.05-	115860	14 150	07.05-	114689	12 2.0	
		07.05-	116158	14 170	07.05-	116273	12 1.8	
	(F10)	03.10-	115581	14 180 A49	03.10-	115562	12 1.7	
		03.10-	115823	14 220	A25 03.10-	115335	12 2.2	
		03.10-	116348	14 180	A25 03.10-	116059	12 2.2	A49



BMW Continued

	(F10, F18)	03.10- 03.10- 06.10- 10.16	116239 116622 116727	14 150 14 180 14 210		03.10- 03.10- 02.09- 10.16	116259 116059 115562	12 2.1 12 2.2 12 1.7
	(F11)	02.09- 10.16 02.09- 10.16 02.09- 10.16	115581 115823 116348	14 180 A49 14 220 14 180		02.09- 10.16 02.09- 10.16 09.10-	115335 116059 115562	12 2.2 12 2.2 A49 12 1.7
520 2.0 Diesel Gran Turismo	(F07)[N47D20C]	03.10-	115823	14 220	A25	03.10-	115335	12 2.2
520 2.0 Diesel Touring	(F11)[B47D20A]	04.10- 04.10- 06.10- 02.17	116239 116622 116727	14 150 14 180 14 210		04.10- 04.10- 07.14- 10.16	116416 116059 116273	12 1.7 12 2.2 12 1.8
	(F11)[N47D20C]	04.10- 04.10- 06.10- 02.17	116239 116622 116727	14 150 14 180 14 210		04.10- 04.10- 04.10-	116259 116059	12 2.1 12 2.2
520 2.0 Diesel xDrive	(F10)[B47D20A]	10.13- 10.16	116727	14 210				
	(F10, F18)	10.13- 10.16	116727	14 210				
	(F11)	07.14- 02.17	116727	14 210				
	(F10)[N47D20C]	01.13- 06.14	115823	14 220	A25	01.13- 06.14	115335	12 2.2
	(F10, F18)	10.13- 10.16	116727	14 210		02.13- 07.14	115335	12 2.2
	(F11)	02.13- 07.14 07.14- 02.17	115823 116727	14 220 14 210	A25	02.13-	115335	12 2.2
520 2.0 Diesel xDrive Touring	(F11)[B47D20A]	07.14- 02.17	116727	14 210				
520 2.0 i 24V	(E34)[M50B20]	09.91- 09.95	112687	14 80		09.91- 09.95	114091	12 1.8
520 2.0 i	(E34)[M50B20]	11.91-	112687	14 80		11.91-	114091	12 1.8
	(E39)[M52B20]	01.96- 09.00	111873	14 80		01.96- 09.00	110772	12 1.0
		01.96- 09.00	112193	14 120		01.96- 09.00	111911	12 1.4
	(E39)[M52B206S3]	09.95- 06.03	111873	14 80		09.95- 06.03	110772	12 1.0
		09.95- 06.03	112193	14 120		09.95- 06.03	111911	12 1.4
	(E39)[M52B206S4]	01.96- 09.00	112193	14 120		01.96- 09.00	111911	12 1.4
	(E60)[M54B22(226S1)]	07.03-	115976	14 150		07.03-	114118	12 1.4
	(F10)[N20B20A]	09.11-	116220	14 170		09.11- 09.11-	114118 116415	12 1.4 12 1.75
	(F11)	09.11-	116220	14 170		09.11-	116415	12 1.75
	(E60)[N46B20B]	04.06- 12.09 04.06- 12.09	113871 115867	14 150 A49 14 150		04.06- 12.09 04.06- 12.09	114091 114297	12 1.8 12 1.2
520 2.0 i Touring	(F11)[N20B20A]	09.11- 09.11-	116220 116442	14 170 14 210		09.11- 09.11-	116416 116059	12 1.7 12 2.2 A49
520 2.0 Touring	(F11)[N20B20B]	09.11- 09.11-	116220 116442	14 170 14 210	A25	09.11- 09.11-	116416 116059	12 1.7 12 2.2 A49
520 2.2 i	(E39)[M54B22(226S1)]	09.00-	111873	14 80		09.00-	111911	12 1.4
523 2.5 i	(E39)[M52B25 (256S3)]	11.95- 11.95-	111873 112193	14 80 14 120		11.95-	111911	12 1.4
	(E39)[M52B25TU]	11.95- 09.00	112193	14 120		11.95- 09.00	115574	12 1.2
	(E60)[N52B25]	07.05- 07.05- 07.05- 07.05- 07.05-	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA		07.05- 07.05- 07.05- 07.05- 07.05-	115574 114740	12 1.2 12 1.2
	(E61)	07.05- 07.05- 07.05- 07.05- 07.05-	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA		07.05-	114740	12 1.2
	(E60)[N52B25A]	07.05- 07.05- 07.05- 07.05- 07.05-	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA		07.05- 07.05-	115574 114740	12 1.2 12 1.2
	(E61)	07.05- 01.07- 01.07- 01.07- 01.07-	115904 114524 116120 116121 116295	14 155 14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA				
	(F11)	11.09- 08.11	116668	14 210				
	(E60)[N53B25A]	01.07- 03.10 01.07- 03.10 01.07- 03.10 01.07- 03.10 01.07- 03.10	114524 116012 116120 116121 116295	14 180 VA A49 14 150 14 180 BO 14 180 BO A49 14 180 VA		01.07- 03.10 01.07-	114740 115574	12 1.2 12 1.2
	(E61)	01.07- 12.10 01.07- 12.10 01.07- 12.10 01.07- 12.10 01.07- 12.10	114524 116012 116120 116121 116295	14 180 VA A49 14 150 14 180 BO 14 180 BO A49 14 180 VA				
523 3.0 i	(F10)[N53 B30A]	01.10- 08.11	116668	14 210				
	(F10)[N53B30A]	06.09- 08.11	116668	14 210				
	(F11)	11.09- 08.11	116668	14 210				
524 2.4 Diesel	(E28)[M21D24WA]					03.86- 12.87	112533	12 2.2
524 2.4 TD	(E28)[M21D24WA]					09.83- 12.87	112533	12 2.2
525 2.0 Diesel	(F11)[B47D20A]	09.11- 09.11- 09.11-	115581 115823 116348	14 180 14 220 14 180		09.11- 09.11- 09.11-	115574 115335	12 1.2 12 2.2
	(F10)[N47D20D]	09.11- 09.11- 09.11-	115581 115823 116348	14 180 A49 14 220 14 180		09.11- 09.11- 09.11-	114072 115558 115335	12 2.0 12 1.4 12 2.2
	(F11)	09.11- 09.11- 09.11-	115581 115823 116348	14 180 A49 14 220 14 180		09.11- 09.11- 09.11-	115574 115335	12 1.2 12 2.2
525 2.0 Diesel xDrive	(F11)[B47D20A]	09.11-	115823	14 220	A25	09.11-	115335	12 2.2
	(F10)[N47D20D]	09.11- 09.11- 09.11-	115581 115823 116348	14 180 A49 14 220 14 180		09.11- 09.11- 09.11-	114072 115558 115335	12 2.0 12 1.4 12 2.2
	(F11)	09.11- 09.11- 09.11-	115581 115823 116348	14 180 A49 14 220 14 180		09.11- 09.11- 09.11-	115574 115335	12 1.2 12 2.2
525 2.5 Diesel	(E39)[M57D25]	02.00- 02.00-	112462 112468	14 120 14 150		02.00-	111911	12 1.4
	(E39)[M57D25 (256D1)]	02.00- 05.04 02.00- 05.04	112462 112468	14 120 14 150		02.00- 05.04	111911	12 1.4



	(E60)	12.04- 12.04- 12.04-	113896 115860 116158	14 170 A49 14 150 14 170	12.04- 12.04- 12.04-	111400 115335	12 1.4 12 2.2
	(E60)[M57D25TU]	06.04- 06.04- 06.04-	113896 115860 116158	14 170 A49 14 150 14 170	06.04- 06.04- 06.04-	113446 114740	12 2.2 12 1.2
	(E61)	06.04- 06.04- 06.04-	113896 115860 116158	14 170 A49 14 150 14 170	06.04- 06.04- 06.04-	114740	12 1.2
	(E60)[M57N256D4]	06.04- 06.04- 06.04-	113896 115860 116158	14 170 A49 14 150 14 170	06.04- 06.04- 06.04-	111400 115335	12 1.4 12 2.2
	(E61)	06.04- 06.04- 06.04-	113896 115860 116158	14 170 A49 14 150 14 170	06.04- 12.04- 12.04-	115335 113446 114740	12 2.2 12 2.2 12 1.2
	525 2.5 TD	(E34)[M51D25] 09.91- 12.95 03.93- 12.95	111788 112800	14 105 14 95	09.91- 12.95 03.93- 12.95	110772 111400	12 1.0 12 1.4
		(E39)[M51D25(256T1)] 01.96-	111947	14 95	01.96-	112533	12 2.2
	525 2.5 TDS	(E34)[M51D25] 09.91- 12.95 09.91- 12.95	111788 112800	14 105 14 95	09.91- 12.95 09.91- 12.95	112533 111400	12 2.2 12 1.4
		(E39) 01.96-	111947	14 95	01.96-	112533	12 2.2
		(E39)[M51D25(256T1)] 03.97- 05.04	111947	14 95	03.97- 05.04	112533	12 2.2
	525 2.5 i 24V	(E34)[M50B25 (256S2)] 09.91- 09.95	112687	14 80	09.91- 09.95	111911	12 1.4
	525 2.5 i	(E39)[M54256S5] 09.00-	111873	14 80	09.00-	112533	12 2.2
	(E39)[M54B25 (256S5)] 09.00-	111873	14 80		09.00-	112533	12 2.2
	(E61) 06.04-	115976	14 150		06.04-	114740	12 1.2
	(E60)[M54B25256S5] 09.03-	115976	14 150		09.03-	114740	12 1.2
	(E60)[N52B25] 07.05-	114524	14 180 VA A49		07.05-	113446	12 2.2
		115904	14 155		07.05-	114740	12 1.2
		116120	14 180 BO		07.05-	114118	12 1.4
		116121	14 180 BO A49				
		116295	14 180 VA				
	(E61) 07.05-	114524	14 180 VA A49		07.05-	114118	12 1.4
		115904	14 155				
		116120	14 180 BO				
		116121	14 180 BO A49				
		116295	14 180 VA				
	(E60)[N52B25A] 07.05-	114524	14 180 VA A49		07.05-	114091	12 1.8
		115904	14 155		07.05-	114740	12 1.2
		116120	14 180 BO	A25	07.05-	116059	12 2.0
		116121	14 180 BO A49		07.05- 12.10	114072	12 2.2
		116295	14 180 VA				
	(E61) 07.05- 12.10	114524	14 180		07.05- 12.10	114118	12 1.4
		115904	14 155		07.05- 12.10	116059	12 2.2
		116012	14 150				
		116120	14 180				
		116121	14 180				
		116295	14 180				
	525 2.5 i Xdrive	(E60)[N53B30A] 09.08- 09.08- 09.08- 09.08-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA	09.08- 09.08- 09.08- 09.08-	114091 116059	12 1.8 12 2.2 A49
	525 2.5 iX 24V	(E34)[M52B25] 10.92- 09.95	112687	14 80	10.92- 09.95	111911	12 1.4
	525 2.5 Xi	(E60)[N52B25A] 07.05- 07.05- 07.05- 07.05- 07.05-	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA	07.05- 07.05- 07.05- 07.05- 07.05-	113446 114740 114118	12 2.2 12 1.2 12 1.4
		(E61) 07.05-	114524	14 180 VA A49	07.05-	114118	12 1.4
		07.05-	115904	14 155			
		07.05-	116120	14 180 BO			
		07.05-	116121	14 180 BO A49			
		07.05-	116295	14 180 VA			
	525 3.0 Diesel	(E60)[M57306D3] 01.07- 01.07-	113896 116158	14 170 A49 14 170	01.07- 01.07-	113446	12 2.2
		(E61)[M57D30 (306D3)] 01.07- 01.07-	113896 116158	14 170 A49 14 170	01.07- 01.07-	113446	12 2.2
		(F10)[N57D30A] 02.10- 02.10- 03.10- 03.10- 03.10-	116138 116348 115581 115823 115960	14 220 14 180 14 180 A49 14 220 14 180	03.10- 03.10- 03.10- 03.10- 03.10-	114072 115574 114740	12 2.0 12 1.2 12 1.2
		(F11) 09.10- 09.10- 09.10-	115581 116138 116348	14 180 A49 14 220 14 180			
	525 3.0 Diesel Xdrive	(E60)[M57306D3] 01.07- 01.07-	113896 116158	14 170 A49 14 170	01.07- 01.07-	113446	12 2.2
		(E60)[M57D30 (306D3)] 09.08- 09.08-	113896 116158	14 170 A49 14 170	09.08- 09.08-	113446	12 2.2
		(E61) 09.08- 09.08-	113896 116158	14 170 A49 14 170			
		(E61)[N57306D3] 01.07- 01.07-	113896 116158	14 170 A49 14 170	01.07- 01.07-	113446	12 2.2
	525 3.0 i	(E60)[N53B30] 01.07- 01.07- 01.07- 01.07- 01.07-	114524 116012 116120 116121 116295	14 180 VA A49 14 150 14 180 BO 14 180 BO A49 14 180 VA	01.07- 01.07- 01.07- 01.07- 01.07-	113446 114740 114118 116059	12 2.2 12 1.2 12 1.4 12 2.2 A49
		(E61) 01.07- 01.07- 01.07- 01.07-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA			
		(E60)[N53B30A] 01.07- 01.07- 01.07- 01.07- 01.07-	114524 116012 116120 116121 116295	14 180 VA A49 14 150 14 180 BO 14 180 BO A49 14 180 VA	01.07- 01.07- 01.07- 01.07- 01.07-	114091 114689 116059	12 1.8 12 2.0 12 2.2 A49



BMW Continued

	(E61)	01.07- 01.07- 01.07- 01.07-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA			
525 3.0 i Xdrive	(E61)[N53B30A]	09.08- 09.08- 09.08- 09.08-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA	09.08- 09.08-	114091 116059	12 1.8 12 2.2 A49
525 3.0 Xi	(E61)[N52B30A]	01.07- 01.07- 01.07- 01.07- 01.07-	114524 116012 116120 116121 116295	14 180 VA A49 14 150 14 180 BO 14 180 BO A49 14 180 VA	01.07- 01.07- 01.07- 01.07- 01.07-	114072 114091 114127 114689 116059	12 2.0 12 1.8 12 1.6 A49 12 2.0 12 2.2
	(E60)[N53B30A]	01.07- 01.07- 01.07- 01.07-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA	01.07- 01.07- 01.07-	113446 116160 114740	12 2.2 12 1.6 12 1.2
	(E61)	01.07- 01.07- 01.07- 01.07- 01.07-	114524 116012 116120 116121 116295	14 180 VA A49 14 150 14 180 BO 14 180 BO A49 14 180 VA	01.07-	116059	12 2.2 A49
528 2.0 i	(F10)[N20B20A]	09.11-	116220	14 170	09.11-	111911	12 1.4
	(F11)	09.11-	116220	14 170	09.11-	115562	12 1.7
528 2.0 i xDrive	(F10)[N20B20A]	09.11-	116220	14 170	09.11-	111911	12 1.4
	(F11)	09.11-	116220	14 170	09.11-	115562	12 1.7
528 2.8 i	(E39)[M52B28]	11.95- 11.95-	111873 112193	14 80 14 120	11.95-	110772	12 1.0
	(E39)[M52B28 (286S1)]	11.95- 09.00	112193	14 120	11.95- 09.00	111911	12 1.4
	(E39)[M52B28 (286S2)]	11.95- 09.00	112193	14 120	11.95- 09.00	111911	12 1.4
	(E39)[M52B28TU]	11.95- 09.00	112193	14 120	11.95- 09.00	111911	12 1.4
528 3.0 i	(F10)[N53B30A]	03.10- 08.11	116668	14 210	03.10- 08.11 03.10- 03.10-	115562 114740 115574	12 1.7 12 1.2 12 1.2
	(F11)	11.09- 08.11	116668	14 210	11.09- 08.11 09.10- 09.10-	115562 114740 115574	12 1.7 12 1.2 12 1.2
530 2.9 Diesel	(E39)[M57D30 (306D1)]	09.00- 09.00-	112462 112468	14 120 14 150	09.00- 09.00-	111911 113446	12 1.4 12 2.2
530 2.9 TD	(E39)[M57D30 (306D1)]	08.98- 08.98-	112462 112468	14 120 14 150	08.98-	113446	12 2.2
530 3.0 Diesel	(E60)[M57306D3]	07.03- 07.03- 07.03-	113896 115860 116158	14 170 A49 14 150 14 170	07.03- 07.03-	114091 114740	12 1.8 12 1.2
	(E61)	07.05- 07.05- 07.05-	113896 115860 116158	14 170 A49 14 150 14 170	07.05-	114740	12 1.2
	(E60)[M57D30 (306D2)]	07.03- 03.10 07.03- 03.10 07.03- 03.10	113896 115860 116158	14 170 A49 14 150 14 170	07.03- 03.10 07.03- 03.10 06.04-	114091 114740 112553	12 1.8 12 1.2 12 1.7
	(E61)	06.04- 06.04- 06.04-	113896 115860 116158	14 170 A49 14 150 14 170	06.04-	114740	12 1.2
	(E60)[M57D30 (306D3)]	07.03- 03.10 07.03- 03.10 07.03- 03.10	113896 115860 116158	14 170 A49 14 150 14 170	07.03- 03.10 07.03- 03.10 11.05-	114091 114740 114072	12 1.8 12 1.2 12 2.0
	(E61)	11.05- 11.05- 11.05-	113896 115860 116158	14 170 A49 14 150 14 170	01.07-	114091	12 1.8
	(F10)[N57D30A]	12.09- 12.09- 03.10- 03.10- 09.11-	116138 116348 115581 115960 115902	14 220 14 180 14 180 A49 14 180 14 230	03.10- 03.10- 10.15-	114740 116059 114689	12 1.2 12 2.2 A49 12 2.0
	(F10, F18)	10.15-	115902	14 230	09.10-	114740	12 1.2
	(F11)	09.10- 09.10- 09.10- 09.10- 09.10- 09.11- 09.11-	115581 115823 116138 116348 115902 115960 115902	14 180 A49 14 220 14 220 14 180 14 230 14 180	09.11- 09.11-	114689 116001	12 2.0 12 2.0
530 3.0 Diesel Gran Turismo	(F07)[N57D30A]	10.09- 10.09-	115960 116138	14 180 14 220	A25 10.09- 07.10-	116059 116001	12 2.2 A49 12 2.0
530 3.0 Diesel Xdrive	(E60)[M57306D3]	07.05- 07.05- 07.05- 07.05-	113896 115860 116158	14 170 A49 14 150 14 170	07.05- 07.05- 07.05-	112553 114740 114091	12 1.7 12 1.2 12 1.8
	(E61)	07.05- 07.05- 07.05-	113896 115860 116158	14 170 A49 14 150 14 170	07.05- 01.07-	114740 114091	12 1.2 12 1.8
	(E60)[M57D30 (306D3)]	01.07- 01.07-	113896 116158	14 170 A49 14 170	01.07-	114091	12 1.8
	(E61)	09.08- 09.08-	113896 116158	14 170 A49 14 170			
	(F07GT)[N57D30A]	09.10- 09.10-	115960 116138	14 180 14 220	09.10- 09.11-	116001 114740	12 2.0 12 1.2
	(F10)	09.11-	115902	14 230	10.15-	114689	12 2.0
	(F10, F18)	10.15-	115902	14 230	09.11-	114689	12 2.0
	(F11)	09.11-	115902	14 230	10.15-	114689	12 2.0
530 3.0 i	(E39)[M54B30]	09.00-	111873	14 80	09.00-	111911	12 1.4
	(E39)[M54B30 (306S3)]	09.00-	111873	14 80	09.00-	112172	12 1.6
	(E60)	07.03-	115976	14 150	07.03-	116001	12 2.0
	(E60)[N52B30]	07.05-	115904	14 155	07.05-	116160	12 1.6
	(E61)	07.05- 07.05- 07.05- 07.05- 07.05-	114524 115904 116120 116121 116295	14 180 VA A49 14 155 14 180 BO 14 180 BO A49 14 180 VA	07.05- 07.05-	114740 116160	12 1.2 12 1.6



	(E60)[N52B30A]	01.07- 03.10	116012	14 150		01.07- 03.10	114740	12 1.2	
		07.05-	114524	14 180 VA A49		01.07-	115574	12 1.2	
		07.05-	115904	14 155		01.07-	116416	12 1.7	
		07.05-	116120	14 180 BO		07.05-	114072	12 2.0	
		07.05-	116121	14 180 BO A49		07.05-	114526	12 2.0	
		07.05-	116295	14 180 VA		07.05-	114127	12 1.6 A49	
	(E61)	07.05-	114524	14 180 VA A49					
		07.05-	115904	14 155					
		07.05-	116120	14 180 BO					
		07.05-	116121	14 180 BO A49					
		07.05-	116295	14 180 VA					
		01.07- 12.10	116012	14 150					
	(F10)	03.10- 06.13	116668	14 210					
	(F11)	03.10- 05.13	116668	14 210					
	(F10)[N52B30AF]	03.10- 06.13	116668	14 210					
	(F11)	03.10- 05.13	116668	14 210					
	(E60)[N52B30B]	01.07- 03.10	114524	14 180 VA A49		01.07- 03.10	114740	12 1.2	
		01.07- 03.10	116012	14 150					
		01.07- 03.10	116120	14 180 BO					
		01.07- 03.10	116121	14 180 BO A49					
		01.07- 03.10	116295	14 180 VA					
	(E60)[N52B30BF]	01.07- 03.10	114524	14 180 VA A49		01.07- 03.10	114740	12 1.2	
		01.07- 03.10	116012	14 150					
		01.07- 03.10	116120	14 180 BO					
		01.07- 03.10	116121	14 180 BO A49					
		01.07- 03.10	116295	14 180 VA					
	(F10)	03.10- 06.13	116668	14 210					
	(E60)[N53B30A]	01.07-	114524	14 180 VA A49		01.07-	115574	12 1.2	
		01.07-	116120	14 180 BO		01.07-	116416	12 1.7	
		01.07-	116121	14 180 BO A49					
		01.07-	116295	14 180 VA					
	(E61)	09.06- 09.08	116012	14 150					
		09.06- 09.08	116120	14 180					
		09.06- 09.08	116121	14 180					
		01.07-	114524	14 180 VA A49					
		01.07-	115904	14 155					
		01.07-	116295	14 180 VA					
	(F10)	05.11- 06.13	116668	14 210					
	(F11)	07.11- 06.13	116668	14 210					
530 3.0 i Xdrive	(E60)[N52B30A]	09.08-	114524	14 180 VA A49		09.08-	114740	12 1.2	
		09.08-	116120	14 180 BO					
		09.08-	116121	14 180 BO A49					
		09.08-	116295	14 180 VA					
	(E61)	09.08-	114524	14 180 VA A49					
		09.08-	116120	14 180 BO					
		09.08-	116121	14 180 BO A49					
		09.08-	116295	14 180 VA					
	(E60)[N53B30A]	09.08-	114524	14 180 VA A49		A25 09.08-	115335	12 2.2	
		09.08-	116120	14 180 BO					
		09.08-	116121	14 180 BO A49					
		09.08-	116295	14 180 VA					
	(E61)	09.08-	114524	14 180 VA A49					
		09.08-	116120	14 180 BO					
		09.08-	116121	14 180 BO A49					
530 3.0 Xi		09.08-	116295	14 180 VA					
	(E60)[N52B30A]	07.05-	115904	14 155		07.05-	116416	12 1.7	
		01.07-	114524	14 180 VA A49		01.07-	115574	12 1.2	
		01.07-	116120	14 180 BO		07.05-	114072	12 2.0	
		01.07-	116121	14 180 BO A49		07.05-	114127	12 1.6 A49	
		01.07-	116295	14 180 VA		01.07-	114740	12 1.2	
	(E61)	07.05-	114524	14 180 VA A49					
		07.05-	115904	14 155					
		07.05-	116120	14 180 BO					
		07.05-	116121	14 180 BO A49					
		07.05-	116295	14 180 VA					
	(E60)[N53B30A]	01.07-	114524	14 180 VA A49		01.07-	115574	12 1.2	
		01.07-	116120	14 180 BO					
		01.07-	116121	14 180 BO A49					
		01.07-	116295	14 180 VA					
	(E61)	01.07-	114524	14 180 VA A49					
		01.07-	116120	14 180 BO					
		01.07-	116121	14 180 BO A49					
		01.07-	116295	14 180 VA					
535 3.0 Diesel	(E60)[M57D30 (306D4)]	09.04-	113896	14 170 A49		09.04-	112553	12 1.7	
		09.04-	115860	14 150		09.04-	115562	12 1.7	
		09.04-	116158	14 170		09.04-	114689	12 2.0	
	(E61)	09.04-	113896	14 170 A49		09.04-	114091	12 1.8	
		09.04-	115860	14 150		09.04-	115562	12 1.7	
		09.04-	116158	14 170		A25 09.04-	116464	12 1.5	
	(E60)[M57D30 (306D5)]	01.07-	113896	14 170 A49		01.07-	114091	12 1.8	
		01.07-	116158	14 170		AT 01.07-	116464	12 1.5	
	(E61)	01.07-	113896	14 170 A49		01.07-	114072	12 2.0	
		01.07-	116158	14 170		A25 01.07-	116464	12 1.5	
	(F07)[N57D30B]	09.10-	116138	14 220		09.10-	114689	12 2.0	
	(F10)	08.10-	116138	14 220		08.10-	114689	12 2.0	
		08.10-	116348	14 180		08.10-	116464	12 1.5	
		09.10-	115581	14 180 A49		A25 09.10-	115562	12 1.7	
		09.11-	115902	14 230					
535 3.0 Diesel xDrive	(F11)	09.10-	115581	14 180 A49		09.10-	114072	12 2.0	
		09.10-	116138	14 220		09.10-	114740	12 1.2	
		09.10-	116348	14 180		09.10-	116464	12 1.5	
		09.11-	115902	14 230					
	(F07GT)[N57D30B]	09.10-	116138	14 220		09.10-	114689	12 2.0	
	(F10)	09.11-	115581	14 180 A49		09.11-	115562	12 1.7	
		09.11-	115902	14 230		09.11-	115574	12 1.2	
		09.11-	116348	14 180		09.11-	114740	12 1.2	
	(F11)	09.11-	115902	14 230					
535 3.0 xDrive	(F07GT)[N55B30A]	09.10- 02.17	116670	14 210					
	535 3.0 i	(F10)[N55B30A]	01.10- 10.16	116670	14 210				
	(F11)	06.10- 02.17	116670	14 210					



BMW Continued

535 3.0 i Gran Turismo	(F07)[N55B30A]	01.09- 02.17	116670	14	210			
535 3.0 i xDrive	(F10)[N55B30A]	03.11- 10.16	116670	14	210			
	(F11)	09.11- 02.17	116670	14	210			
535 3.5 i	(E39)[M62B35S1]	01.96- 112426	14	150		01.96- 113446	12	2.2
		04.96- 112193	14	120		04.96- 112172	12	1.6
	(E39)[M62B35S2]	01.96- 06.03	112426	14	150	01.96- 06.03	112553	12 1.7
		04.96- 03.99	112193	14	120	04.96- 03.99	113446	12 2.2
	(E39)[M62B35TU]	04.99- 07.00	112426	14	150	04.99- 07.00	112553	12 1.7
540 4.0 i	(E60)[N62B40A]	07.05- 114189	14	180				
540 4.4 i	(E39)[M62B44 (448S1)]	04.96- 09.98	112193	14	120	04.96- 09.98	112553	12 1.7
		10.98- 07.00	112426	14	150			
	(E39)[M62B44 (448S2)]	04.96- 06.03	112193	14	120	04.96- 06.03	112553	12 1.7
		04.96- 06.03	112426	14	150	04.96- 06.03	116570	12 1.7
545 4.4 i	(E60)[N62B44A]	09.03- 114189	14	180		09.03- 116570	12	1.7
	(E61)	06.04- 114189	14	180		06.04- 116570	12	1.7
550 4.8 i	(E60)[N62B48A]	07.05- 114189	14	180		07.05- 116570	12	1.7
	(E61)	07.05- 114189	14	180		07.05- 116570	12	1.7
	(E60)[N62B48B]	07.05- 114189	14	180		07.05- 116570	12	1.7
	(E61)	07.05- 114189	14	180		07.05- 116570	12	1.7
630 3.0 i	(E63)[N52B30]	09.04- 114524	14	180 VA A49		09.04- 115574	12	1.2
		09.04- 115904	14	155		09.04- 114740	12	1.2
		09.04- 116120	14	180 BO				
		09.04- 116121	14	180 BO A49				
		09.04- 116295	14	180 VA				
	(E64)	09.04- 114524	14	180 VA A49				
		09.04- 115904	14	155				
		09.04- 116120	14	180 BO				
		09.04- 116121	14	180 BO A49				
		09.04- 116295	14	180 VA				
	(E63)[N52B30A]	09.04- 114524	14	180 VA A49		07.07- 07.10	116416	12 1.7
		09.04- 115904	14	155		09.04- 115574	12	1.2
		09.04- 116120	14	180 BO		09.04- 114740	12	1.2
		09.04- 116121	14	180 BO A49				
		09.04- 116295	14	180 VA				
		07.07- 07.10	116012	14	150			
	(E64)	09.04- 114524	14	180 VA A49				
		09.04- 115904	14	155				
		09.04- 116120	14	180 BO				
		09.04- 116121	14	180 BO A49				
		09.04- 116295	14	180 VA				
		07.07- 07.10	116012	14	150			
	(E63)[N52B30B]	07.07- 07.10	114524	14	180 VA A49	07.07- 07.10	114740	12 1.2
		07.07- 07.10	116012	14	150	07.07- 115574	12	1.2
		07.07- 07.10	116120	14	180 BO			
		07.07- 07.10	116121	14	180 BO A49			
		07.07- 07.10	116295	14	180 VA			
	(E64)	07.07- 07.10	114524	14	180 VA A49			
		07.07- 07.10	116012	14	150			
		07.07- 07.10	116120	14	180 BO			
		07.07- 07.10	116121	14	180 BO A49			
		07.07- 07.10	116295	14	180 VA			
	(E63)[N52B30BF]	07.07- 07.10	114524	14	180 VA A49	07.07- 07.10	114740	12 1.2
		07.07- 07.10	116012	14	150	07.07- 115574	12	1.2
		07.07- 07.10	116120	14	180 BO			
		07.07- 07.10	116121	14	180 BO A49			
		07.07- 07.10	116295	14	180 VA			
	(E64)	07.07- 07.10	114524	14	180 VA A49			
		07.07- 07.10	116012	14	150			
		07.07- 07.10	116120	14	180 BO			
		07.07- 07.10	116121	14	180 BO A49			
		07.07- 07.10	116295	14	180 VA			
635 3.0 Diesel	(E63)[M57D30 (306D5)]	07.07- 113896	14	170 A49		07.07- 114091	12	1.8
		07.07- 116158	14	170				
	(E64)	07.07- 113896	14	170 A49				
		07.07- 116158	14	170				
640 3.0 Diesel	(F12)[N57D30B]	09.11- 115902	14	230		A25 09.11- 115398	12	1.7
	(F13)	11.10- 115902	14	230		A25 11.10- 115562	12	1.7
640 3.0 Diesel Cran Coupe	(F06)[N57D30B]	11.10- 115902	14	230		11.10- 116464	12	1.5
640 3.0 Diesel xDrive	(F12)[N57D30B]	09.11- 115902	14	230		09.11- 116464	12	1.5
	(F13, F06)	09.11- 115902	14	230		09.11- 116464	12	1.5
640 3.0 i	(F12)[N55B30A]	09.11- 06.18	116670	14	210	09.11- 06.18	116464	12 1.5
	(F13)	07.11- 10.17	116670	14	210	07.11- 10.17	116464	12 1.5
640 3.0 i xDrive	(F13)[N55B30A]					01.13- 116464	12	1.5
645 4.4 Ci	(E63)[N62B44]	01.04- 114189	14	180		01.04- 116570	12	1.7
	(E64)	04.04- 114189	14	180		04.04- 116570	12	1.7
	(E63)[N62B44A]	01.04- 114189	14	180		01.04- 116570	12	1.7
	(E64)	04.04- 114189	14	180		04.04- 116570	12	1.7
650 4.8 i	(E63)[N62B48B]	07.05- 114189	14	180		07.05- 116570	12	1.7
	(E64)	07.05- 114189	14	180		07.05- 116570	12	1.7
725 2.5 TDS	(E38)[M51D25]	04.96- 111947	14	95		04.96- 113446	12	2.2
728 2.8 i	(E38)[M52B28]	08.95- 111873	14	80		08.95- 110772	12	1.0
		08.95- 11.01	112193	14	120	08.95- 11.01	111029	12 1.4
						08.95- 11.01	111911	12 1.4
						08.95- 11.01	114118	12 1.4
728 2.8 Li	(E38)[M52B28 (286S1)]	08.95- 11.01	112193	14	120	08.95- 11.01	111029	12 1.4
						08.95- 11.01	111911	12 1.4
						08.95- 11.01	114118	12 1.4
	(E38)[M52B28 (286S2)]	08.95- 11.01	112193	14	120	08.95- 11.01	111029	12 1.4
						08.95- 11.01	111911	12 1.4
						08.95- 11.01	114118	12 1.4
	(E38)[M52B28TU]	08.95- 11.01	112193	14	120	08.95- 11.01	111029	12 1.4
						08.95- 11.01	111911	12 1.4
						08.95- 11.01	114118	12 1.4
730 3.0 Diesel	(E38)[M57D30]	08.98- 04.00	112462	14	120	AT 08.98- 04.00	112172	12 1.6
		08.98- 12.01	112468	14	150			
	(E38)[M57D30 (306D1)]	08.98- 112468	14	150		08.98- 111911	12	1.4
	(E65, E66)[M57D30 (306D2)]	10.02- 113896	14	170 A49		10.02- 111911	12	1.4
		10.02- 115860	14	150		10.02- 112553	12	1.7
		10.02- 116158	14	170		10.02- 114740	12	1.2



(E65, E66)[M57D30 (306D3)]	10.02-10.02-10.02-	113896115860116158	14 170 A4914 15014 170		10.02-10.02-10.02-	113446114091116416	12 2.212 1.812 1.7
(E66)	07.05-07.05-07.05-	113896115860116158	14 170 A4914 15014 170	For left hand drive	07.05-07.05-07.05-	113446112553114689	12 2.212 1.712 2.0
(F01, F02)[N57D30A]	10.08-10.08-	115960116138	14 18014 220		10.08-10.08-	114072114740	12 2.012 1.2
(F01, F02, F03, F04)	07.09-	115960	14 180		07.09-	114072	12 2.0
(E66)[N57N306D2]	07.05-07.05-07.05-	113896115860116158	14 170 A4914 15014 170		07.05-07.05-07.05-	113446114091114689	12 2.212 1.812 2.0
730 3.0 Diesel xDrive	(F01, F02, F03, F04)[N57D30A]				11.11- 05.15	116001	12 2.0
730 3.0 i	(E65, E66)[M54B30 (306S3)]	03.03-	115976	14 150	03.03-	115574	12 1.2
	(F01, F02, F03, F04)[N52B30A]	09.09- 06.15	116668	14 210	09.09- 06.15	116059	12 2.2 A49
	(F01, F02, F03, F04)[N52B30BF]	09.09- 06.15	116668	14 210	09.09- 06.15	116059	12 2.2
730 3.0 Li	(E65, E66)[M54B30 (306S3)]	03.03-	115976	14 150	03.03-	115574	12 1.2
	(E65, E66, E67)[N52B30]	03.05-03.05-03.05-	114524116120116121	14 180 VA A4914 180 BO14 180 BO A49	03.05-03.05-03.05-	112553115574115335	12 1.712 1.212 2.2
		03.05-	116295	14 180 VA	03.05-	114740	12 1.2
	(E65, E66, E67)[N52B30A]	03.05-03.05-03.05-	114524116120116121	14 180 VA A4914 180 BO14 180 BO A49	03.05-03.05-03.05-	112553115574115335	12 1.712 1.212 2.2
		03.05-	116295	14 180 VA	03.05-	114740	12 1.2
733 3.2 i L-Jetronic	(E23)[M30B32]	05.77- 12.82	112780	14 90			
735 3.5 i	(E38)[M62B35]	01.96- 11.01	112426	14 150	01.96- 11.01	112172	12 1.6
	(E38)[M62B35S1]	10.98- 07.00	112426	14 150	10.98- 07.00	112172	12 1.6
735 3.6 i	(E65)[N62B36]	11.01-11.01-	114189115473	14 18014 180	11.01-11.01-	112553115940	12 1.712 1.8
735 3.6 Li	(E66)[N62B36A]	11.01-11.01-	114189115473	14 18014 180	11.01-11.01-	112553115940	12 1.712 1.8
740 3.0 Diesel	(F01, F02, F03, F04)[N57D30B]	09.09-	115960	14 180	09.09-	115562	12 1.7
740 3.0 Diesel xDrive	(F01, F02)[N57SD30B]	09.09-09.09-	115960116138	14 18014 220	09.09-09.09-	115574114689	12 1.212 2.0
740 3.0 i	(F01, F02)[N54B30A]	10.08-	116189	14 230	10.08-	114740	12 1.2
	(F01, F02, F03, F04)[N55B30A]				07.12-	116464	12 1.5
740 3.9 Diesel	(E38)[M67D39]	10.98- 07.00	112426	14 150	10.98- 07.00	112553	12 1.7
740 4.0 i	(E65)[N62B40A]	07.05-	114189	14 180	07.05-07.05-	112553116570	12 1.712 1.7
740 4.0 Li	(E66)[N62B40A]	07.05-	114189	14 180	07.05-07.05-	112553116570	12 1.712 1.7
740 4.4 i	(E38)[M62B44 (448S2)]	10.98- 07.00	112426	14 150	10.98- 07.00	112553	12 1.7
740 4.4 Li	(E38)[M62B44 (448S1)]	01.96- 11.01	112426	14 150	01.96- 11.01	112553	12 1.7
745 4.4 Diesel	(E65, E66, E67)[M67D44 (448D1)]	07.05-	114189	14 180	07.05-	115940	12 1.8
	(E65, E66, E67)[N67N448D2]	07.05-	114189	14 180	07.05-	115940	12 1.8
745 4.4 i	(E65)[N62B44]	11.01-11.01-	114189115473	14 18014 180	11.01-	116570	12 1.7
745 4.4 Li	(E66)[N62B44A]	11.01-11.01-	114189115473	14 18014 180	11.01-	116570	12 1.7
750 4.8 i	(E65)[N62B48B]	07.05-	114189	14 180			
750 4.8 Li	(E66)[N62B48B]	07.05-	114189	14 180			
750 5.4 i	(E38)[M73B54 (54121)]	10.98- 12.01	112426	14 150	10.98- 12.01	116570	12 1.7
	(E38)[M73B54 (54122)]	12.94- 11.01	112426	14 150			
750 5.4 Li	(E38)[M73B54]	10.98- 12.01	112426	14 150	10.98- 12.01	116570	12 1.7
760 6.0 i	(E65, E66, E67)[N73B60]	01.03-	115473	14 180			
760 6.0 Li	(E65, E66, E67)[N73B60A]	01.03-	115473	14 180			
840 4.0 i	(E31)[M60B40 (408S1)]				02.93- 02.96	112553	12 1.7
840 4.4 Ci	(E31)[M62B44 (448S1)]				09.94- 12.99	112553	12 1.7
	(E31)[M62B44TU]				01.96- 12.99	112553	12 1.7
2000 2.0	(E10)[M10B20]				09.68- 07.72	110772	12 1.0
	(E9)				10.65- 06.70	110772	12 1.0
2000 2.0 CS	(E9)[M10B20]				10.65- 06.70	110772	12 1.0
2000 2.0 Ti	(E10)[M10B20]				01.66- 07.72	110772	12 1.0
2000 2.0 Tii	(E10)[M10B20]				12.69- 07.72	110772	12 1.0
2002 2.0	(E10)[M10B20]				02.68- 07.75	110772	12 1.0
	(E6)				05.71- 07.75	110772	12 1.0
2002 2.0 Ti	(E10)[M10B20]				06.68- 04.72	110772	12 1.0
2002 2.0 Tii	(E10)[M10B20]				05.71- 07.75	110772	12 1.0
	(E6)				01.71- 07.75	110772	12 1.0
2002 2.0 Turbo	(E10)[M10B20]				01.74- 07.75	110772	12 1.0
2500 2.5	(E3)[M30B25]				10.68- 04.77	110772	12 1.0
2800 2.8	(E3)[M30B28]				10.68- 07.75	110772	12 1.0
2.5 2.5 CS	(E9)[M30B25]				09.74- 03.76	110772	12 1.0
2.8 2.8 L	(E3)[M30B28]				02.75- 04.77	110772	12 1.0
225 xe 1.5 Diesel Active Tourer	(F45)[B38A15A]				03.16-03.16-	115999116371	12 1.412 1.5
3.0 3.0 CS	(E9)[M30B30]				05.71- 07.73	110772	12 1.0
3.0 3.0 CSI	(E9)[M30B30]				07.71- 07.73	110772	12 1.0
3.0 3.0 S	(E3)[M30B30]				05.71- 07.73	110772	12 1.0
3.0 3.0 Si	(E3)[M30B30]				07.71- 07.73	110772	12 1.0
3.2 2.8 CS	(E9)[M30B28]				01.69- 04.71	110772	12 1.0
325 d 2.0 Diesel	(F34)[N47D20D]	07.13-07.13-	115670115694	14 22014 180	07.13-07.13-	115558115335	12 1.412 2.2
					07.13-	116059	12 2.2 A49
530 d 3.0 Diesel	(E60)[M57D30 (306D2)]	07.03-07.03-07.03-	113896115860116158	14 170 A4914 15014 170	07.03-07.03-	113446114072	12 2.212 2.0
630 Gran Turismo 2.0 i	(G32)[B48B20B]				06.17-	116416	12 1.7
ActiveHybrid 3.0 ActiveHybrid	(F01, F02, F03, F04)[N55B30A]				07.12-	115574	12 1.2
	(F10, F18)				09.11-	115574	12 1.2
	(F30)				AT 01.12-01.12-	116464115574	12 1.512 1.2
ActiveHybrid 3.0 Hybrid	(F10)[N55B30A]				09.11-	115574	12 1.2
ActiveHybrid 3.0 Hybrid ActiveHybrid	(F01, F02, F03, F04)[N55B30A]				07.12-	115574	12 1.2
M 135 3.0	(F21)[N55B30A]	12.11-	116670	14 210	12.11-12.11-	115562116464	12 1.712 1.5
M 135 3.0 xDrive	(F20)[N55B30A]				AT 03.15-03.15-	116464115562	12 1.512 1.7
	(F21)				AT 02.12-	116464	12 1.5



BMW Continued

M 135 3.0 i M 135 i	(F20)[N55B30A]				AT 03.15-03.15-	116464115562	12 1.512 1.7
M 235 3.0 i M 235 i	(F23)[N55B30A]				11.14-	116464	12 1.5
M 235 3.0 i xDrive	(F22)[N55B30A]				07.14-	116464	12 1.5
	(F23)				07.15-	116464	12 1.5
M 550 3.0 Diesel xDrive	(F11)[N57D30C]	01.12-	115902	14 230	01.12-	114689	12 2.0
M1 3.0	(E82)[N54B30A]	04.11- 06.12	115804	14 180	04.11- 06.1204.11- 06.12	115574114740	12 1.212 1.2
M2 3.0	(F22, F87)[N55B30A]				11.15-	116464	12 1.5
M2 CS 3.0 Coupe	(F22, F87)[S55B30A]				11.19-	116464	12 1.5
M3 3.0	(E36)[S50B30]	11.92- 07.95	112687	14 80	11.92- 07.95	111911	12 1.4
M3 3.2	(E46)[S54B32 (326S4)]	06.00-06.00-	112472115307	14 10014 120	06.00-06.00-	111029111911	12 1.412 1.4
M3 3.2 CSL	(E46)[S54B32]	06.03-	115307	14 120	06.03-	114118	12 1.4
	(E46)[S54N (326S4)]	06.03-	115307	14 120	06.03-	114118	12 1.4
M3 4.0	(E90)[S65B40A]	12.07- 10.11	116488	14 180	06.07- 06.13	116464	12 1.5
	(E92)	06.07- 06.13	116488	14 180			
	(E93)	03.08- 10.13	116488	14 180			
M3 4.4	(E92)[S65B44A]	03.07- 12.13	116488	14 180			
M4 3.0	(F32, F82)[S55B30A]				01.14-	116464	12 1.5
	(F33, F83)				07.14-	116464	12 1.5
M4 GTS 3.0	(F32, F82)[S55B30A]				03.16-	116464	12 1.5
M5 3.8	(E34)[S38B38]				03.92- 09.95	112172	12 1.6
M5 4.9	(E39)[S38B49]				10.98-	112553	12 1.7
	(E39)[S62B50]				03.00- 06.03	112553	12 1.7
M5 5.0	(E61)[S85B50A]	02.07-02.07-	113896116158	14 170 A4914 170	02.07-	112172	12 1.6
M6 5.0	(E63)[S85B50A]	09.05-09.05-	113896116158	14 170 A4914 170			
X1 1.5 Diesel sDrive 16 d	(F48)[B37C15A]	11.15-	116622	14 180	A25 11.15-	116059	12 2.2 A49
X1 1.5 sDrive 18 i	(F48)[B38A15A]	11.15-	116622	14 180	A25 11.15-11.15-	116059115999	12 2.212 1.4
X1 1.6 sDrive 18 i	(F25)[N20B16A]	04.14-04.14-	116220116442	14 17014 210	04.14-04.14-	114689116059	12 2.012 2.2 A49
X1 1.6 i sDrive 16 i	(E84)[N20B16A]	03.13-	116220	14 170	03.13-	114689	12 2.0
X1 2.0	(E84)[N47D20C]	03.11-03.11-	115581116348	14 180 A4914 180	03.11-03.11-	115335116059	12 2.212 2.2 A49
X1 2.0 Diesel	(E84)[N47D20C]	04.12-04.12-	115581116348	14 180 A4914 180	A25 04.12-04.12-	115335116371	12 2.212 1.5
X1 2.0 Diesel Sdrive	(E84)[N47D20C]	10.09-10.09-	114292115581	14 18014 180 A49	10.09-10.09-	115574115335	12 1.212 2.2
		10.09-	116348	14 180	A25 10.09-	116371	12 1.5
X1 2.0 Diesel sDrive 18 d	(F48)[B47C20A]	09.15-09.15-	116239116622	14 15014 180	09.15-09.15-	114689116059	12 2.012 2.2 A49
X1 2.0 Diesel sDrive 20 d	(F48)[B47C20A]	11.15-	116622	14 180	A25 11.15-	116059	12 2.2 A49
	(F48)[B47C20A, B47C20B]	11.15-	116622	14 180	A25 11.15-	116059	12 2.2 A49
X1 2.0 Diesel sDrive18d	(E84)[N47D20C]	03.09-03.09-	114292115581	14 18014 180 A49	A25 03.09-03.09-	115574115335	12 1.212 2.2
		03.09-	116348	14 180	A25 03.09-	116371	12 1.5
X1 2.0 Diesel Xdrive	(E84)[N47D20C]	10.09-10.09-	114292115581	14 18014 180 A49	A25 10.09-10.09-	115562115335	12 1.712 2.2
		10.09-	116209	14 150	A25 10.09-	114740	12 1.2
		10.09-	116348	14 180	10.09-	116371	12 1.5
	(E84)[N47D20D]	10.09-10.09-	115581116348	14 180 A4914 180	A25 10.09-10.09-	115335116259	12 2.212 2.1
	(E84)[N47SD20D]	10.09-	114292	14 180	A25 10.09-	115335	12 2.2
					10.09-	116059	12 2.2 A49
X1 2.0 Diesel xDrive 25 d	(F48)[B47C20B]	09.15-	116622	14 180	09.15-	116059	12 2.2 A49
	(F15, F85)[B47D20B]	08.15- 07.18	116727	14 210	08.15- 07.18	116059	12 2.2 A49
	(F15, F85)[N47D20D]	11.13-	115670	14 220	11.13-	115335116059	12 2.212 2.2 A49
X1 2.0 Diesel xDrive18d	(E84)[N47D20C]	03.09-03.09-	114292115581	14 18014 180 A49	A25 03.09-03.09-	115398115335	12 1.712 2.2
		03.09-	116209	14 150	A25 03.09-	114689	12 2.0
		03.09-	116348	14 180	03.09-	116371	12 1.5
X1 2.0 sDrive 20 i	(F48)[B48A20A]	09.15-	116622	14 180	A25 09.15-09.15-	116059115999	12 2.212 1.4
X1 2.0 sDrive18i	(E84)[N46B20B]	01.10-01.10-	113871115867	14 150 A4914 150	A25 01.10-01.10-	115562115335	12 1.712 2.2
X1 2.0 xDrive 20 i	(F48)[B48A20A]	09.15-	116622	14 180	A25 09.15-09.15-	116059115999	12 2.212 1.4
X1 2.0 Diesel xDrive28i	(E84)[N20B20A]	04.11-	116220	14 170	04.11-	114689	12 2.0
X1 2.0 i sDrive 20i	(E84)[N20B20A]	09.11-	116220	14 170	09.11-	114689	12 2.0
X1 2.0 i xDrive 20i	(E84)[N20B20A]	09.11-	116220	14 170	09.11-	114689	12 2.0
X1 2.0 i sDrive 20 i ActiveFlex	(F48)[B48A20A, B42S20A]	07.15-	116239	14 150	07.15-	114689	12 2.0
X1 3.0 Diesel xDrive 25 d	(F15, F85)	06.15-	116388	14 220	06.15-	114297	12 1.2
	(F15, F85)				06.15-	116001	12 2.0
X1 3.0 Xdrive	(E84)[N52B30A]	10.09-10.09-	114524116120	14 180 VA A4914 180 BO	10.09-10.09-	114689114740	12 2.012 1.2
		10.09-	116121	14 180 BO A49	A25 10.09-	115335	12 2.2
		10.09-	116295	14 180 VA			
X1 3.0 xDrive25i	(E84)[N52B30A]	01.10-01.10-	114524116120	14 180 VA A4914 180 BO	01.10-01.10-	114740114689	12 1.212 2.0
		01.10-	116121	14 180 BO A49	A25 01.10-	115335	12 2.2
		01.10-	116295	14 180 VA			
X2 2.0 Diesel sDrive	(F39)[B47C20A, B47C20B]	03.18-03.18-	116239116622	14 15014 180	03.18-	116371	12 1.5
	(F39)[B47C20B, B47C20A]	11.18-	116239	14 150	11.18-	116371	12 1.5
X2 2.0 Diesel xDrive	(F39)[B47C20B]	11.17-	116239	14 150	11.17-	116371	12 1.5
X3 2.0	(F25)[N47D20C]	09.10-09.10-	115581115823	14 180 A4914 220	09.10-09.10-	115574115335	12 1.212 2.2
		09.10-	116348	14 180	A25 09.10-	116059	12 2.2 A49
X3 2.0 Diesel	(E83)[M47D20 (204D4)]	10.04-	113881	14 150	10.04-	114091	12 1.8
	(F25)[N47D20C]	08.11-08.11-	115581115823	14 180 A4914 220	08.11-08.11-	115574115335	12 1.212 2.2
		08.11-	116348	14 180	A25 08.11-	116059	12 2.2
X3 2.0 Diesel sDrive	(F25)[N47D20C]	08.11-08.11-	115581115823	14 180 A4914 220	08.11-08.11-	115574115335	12 1.212 2.2
		08.11-	116348	14 180	A25 08.11-	116059	12 2.2 A49



X3 2.0 Diesel sDrive 18 d	(F25)[B47D20A]	02.14- 02.14- 02.14- 02.14- 04.14- 08.17	115581 15823 116348 116622 116727	14 180 A49 14 220 14 180 14 180 14 210	A25 02.14- A25 02.14-	115335 116059	12 2.2 12 2.2	A49
X3 2.0 Diesel xDrive 18 d	(F48)[B47C20A]	11.15-	116622	14 180	11.15- 11.15-	115999 116059	12 1.4 12 2.2	
X3 2.0 Diesel xDrive 20 d	(F48)[B47C20A]	11.15- 11.15-	116239 116622	14 150 14 180	11.15- 11.15- 11.15-	116416 116001 116059	12 1.7 12 2.0 12 2.2	
	(F25)[B47D20A]	02.14- 04.14- 08.17	116622 116727	14 180 14 210	02.14-	116059	12 2.2	A49
	(F26)	04.14- 03.18 06.14-	116727 116622	14 210 14 180				
X3 2.0 Diesel xDrive 20d	(F25)[N47D20C]	09.10- 09.10- 09.10-	115581 115823 116348	14 180 A49 14 220 14 180	A25 09.10- 09.10- 09.10-	115562 115335 116416	12 1.7 12 2.2 12 1.7	
X3 2.0 Diesel xDrive20d	(E83)[N47D20C]	09.08-	114292	14 180	09.08-	114091	12 1.8	
X3 2.0 xDrive 25 i	(F48)[B48A20B]	09.15-	116622	14 180	09.15-	116001	12 2.0	
X3 2.0 i	(E83)[N46B20]	07.05- 07.05-	113871 115867	14 150 A49 14 150	07.05- 07.05-	111911 114740	12 1.4 12 1.2	
	(E83)[N46B20B]	07.05- 07.05-	113871 115867	14 150 A49 14 150	07.05- 07.05- 09.05-	114091 114740 113446	12 1.8 12 1.2 12 2.2	
X3 2.0 i sDrive 20 i	(F25)[N20B20A]	02.14-	116220	14 170	02.14-	116416	12 1.7	
X3 2.0 i Xdrive	(E83)[N46B20B]	09.08- 09.08-	113871 115867	14 150 A49 14 150	09.08- 09.08-	111911 114740	12 1.4 12 1.2	
X3 2.0 i xDrive 20i	(F25)[N20B20A]	09.11- 09.11- 09.11-	115581 116220 116348	14 180 A49 14 170 14 180	09.11- 09.11- 09.11-	115562 116371 116160	12 1.7 12 1.5 12 1.6	
X3 2.0 i xDrive28i	(F25)[N20B20A]	08.11- 08.11- 08.11-	115581 116220 116348	14 180 A49 14 170 14 180	08.11- 08.11- A25 08.11-	115574 116371 116059	12 1.2 12 1.5 12 2.2	A49
X3 2.5 i	(E83)[M54B25 (256S5)]	01.04-	115976	14 150	01.04-	114689	12 2.0	
X3 2.5 i Xdrive	(E83)[N52B25A]	09.08- 09.08- 09.08- 09.08-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA	09.08- 09.08- 09.08- 09.08-	114091 114689 114297 116416	12 1.8 12 2.0 12 1.2 12 1.7	
	(E83)[N52B25AF,N52B25BF,N52B25A]	09.08- 08.10 09.08- 08.10 09.08- 08.10	116012 116120 116121	14 150 14 180 14 180 A49	09.08- 08.10 09.08- 08.10 09.08- 08.10	114689 114297 116464	12 2.0 12 1.2 12 1.5	
X3 2.5 si xDrive	(E83)[N52B25A]	07.06- 12.08 07.06- 12.08 07.06- 12.08 07.06- 12.08	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA	07.06- 12.08 07.06- 12.08 07.06- 12.08 07.06- 12.08	114072 114689 114127 116416	12 2.0 12 2.0 12 1.6 12 1.7	A49
X3 3.0 Diesel	(E83)[M57D30 (306D2)]	01.04- 01.04-	113881 115860	14 150 14 150	01.04- 01.04-	114091 115335	12 1.8 12 2.2	
	(E83)[M57D30 (306D3)]	01.04- 01.04-	115860 115976	14 150 14 150	01.04- 01.04-	115335 114689	12 2.2 12 2.0	
	(E83)[M57D30(306D3)]	10.04- 07.06 10.04- 07.06	113881 115860	14 150 14 150	10.04- 07.06 10.04- 07.06	114091 114740	12 1.8 12 1.2	
	(E83)[M57N2306D2]	01.04- 01.04-	115860 115976	14 150 14 150	01.04- 01.04-	114740 114689	12 1.2 12 2.0	
X3 3.0 Diesel Xdrive	(E83)[M57D30 (306D3)]	09.08- 09.08-	115860 115860	14 150 14 150	09.08- 09.08-	115335 115335	12 2.2 12 2.2	
	(F25)[N57D30A]	04.15-	115902	14 230	04.15-	114689	12 2.0	
X3 3.0 Diesel xDrive 30 d	(F25)[N57D30A]	06.16-	115902	14 230	06.16-	114689	12 2.0	
X3 3.0 Diesel xDrive 30d	(F25)[N57D30A]	05.11-	115902	14 230	05.11-	114689	12 2.0	
X3 3.0 Diesel xDrive 35d	(F25)[N57D30B]	09.11-	115902	14 230	09.11-	114740	12 1.2	
X3 3.0 Diesel xDrive30d	(E83)[M57D30 (306D3)]	09.08-	115860	14 150	09.08-	114740	12 1.2	
X3 3.0 xDrive 35i	(F25)[N55B30A]	09.10- 08.17	116670	14 210				
X3 3.0 Diesel xDrive 28i	(F25)[N52B30A]	01.11- 10.12	116668	14 210	01.11- 10.12	116001	12 2.0	
X3 3.0 i	(E83)[M54B30 (306S3)]	01.04-	115976	14 150	01.04-	114689	12 2.0	
X3 3.0 i Xdrive	(E83)[N52B30A]	09.08- 09.08- 09.08- 09.08-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA	09.08- 09.08- 09.08- 09.08-	114091 114689 114297 116416	12 1.8 12 2.0 12 1.2 12 1.7	
X4 2.0 Diesel xDrive 20 d	(F26)[B47D20A]	04.14- 04.14- 03.18	116622 116727	14 180 14 210	04.14- 04.14- 03.18	115562 115574	12 1.7 12 1.2	
X4 2.0 i xDrive 30	(G02, F98)[B48B20B]				04.18-	116416	12 1.7	
X4 3.0 Diesel xDrive 30 d	(F26)[N57D30A]				06.13- 06.13-	115335 116059	12 2.2 12 2.2	
X4 3.0 M 40 i	(F26)[N55B30A]				12.15-	116464	12 1.5	
X4 3.0 i xDrive 35 i	(F26)[N55B30A]				04.14-	116464	12 1.5	
X5 2.0 Diesel sDrive 25	(F15)[N47D20D]	01.13-	115670	14 220	01.13-	115574	12 1.2	
X5 2.0 Diesel sDrive 25 d	(F15, F85)[B47D20B]	08.15- 07.18	116727	14 210				
	(F15, F85)[N47D20D]	11.13-	115670	14 220	11.13-	115335	12 2.2	
X5 2.0 Diesel xDrive 25	(F15)[N47D20D]	01.13-	115670	14 220	A25 01.13-	115335	12 2.2	
X5 3.0	(E70)[N57D30A]	09.08- 09.08- 06.13	115960 116138	14 180 14 220	09.08- 09.08- 06.13	114740 116001	12 1.2 12 2.0	
X5 3.0 Diesel	(E70)[M57306D3]	02.07- 09.08 02.07- 09.08 02.07- 09.08	114385 116187 116188	14 170 14 230 14 220	02.07- 09.08 02.07- 09.08 A25 02.07- 09.08	114091 116570 116059	12 1.8 12 1.7 12 2.2	A49
	(E53)[M57D30 (306D2)]	12.03-	113881	14 150	12.03-	114091	12 1.8	
	(E70)[M57D30 (306D3)]	02.07- 09.08 02.07- 09.08 02.07- 09.08	114385 116187 116188	14 170 14 230 14 220	02.07- 09.08 02.07- 09.08 02.07- 09.08	115562 116464 116059	12 1.7 12 1.5 12 2.2	
	(E53)[M57D30(306D1)]	04.00- 04.00-	112462 112468	14 120 14 150	04.00-	112553	12 1.7	
	(E53)[M57N306D4]	12.03-	113881	14 150	12.03-	114091	12 1.8	
	(E70)[N57D30C]	08.11-	116188	14 220	A25 08.11-	116059	12 2.2	
	(F15)	07.13-	116388	14 220				
X5 3.0 Diesel 4x4	(E53)[M57D30 (306D2)]	08.04-	113881	14 150	08.04-	114091	12 1.8	
	(E70)[M57D30 (306D3)]	02.07- 09.08	114385	14 170	02.07- 09.08	115562	12 1.7	
X5 3.0 Diesel Sdrive	(E70)[M57D30 (306D5)]	09.07- 09.08 09.07- 02.09	114385 116188	14 170 14 220	09.07- 09.08 09.07- 02.09	114072 116059	12 2.0 12 2.2	A49
X5 3.0 Diesel Xdrive	(E70)[M57N306D5]	09.08- 09.08- 06.13	114385 116188	14 170 14 220	09.08- 09.08- 06.13	114072 116059	12 2.0 12 2.2	A49
	(E70)[N57D30A]	09.08- 09.08- 06.13	114385 116188	14 170 14 220	09.08- 09.08- 06.13	114072 116059	12 2.0 12 2.2	A49



BMW Continued

X5 3.0 Diesel xDrive 30	(F15)[N57D30A]	07.13-	116388	14	220				
X5 3.0 Diesel xDrive 30 d	(F15, F85)[N57D30A]	07.13-	116388	14	220	05.11-	115335	12	2.2
	(F16, F86)	08.14-	116388	14	220				
	(F25)	05.11-	115902	14	230				
X5 3.0 Diesel xDrive 40	(F15)[N57D30B]	12.13-	116388	14	220				
X5 3.0 Diesel xDrive 40 d	(F16, F86)[N57D30B]	12.14-	116388	14	220				
X5 3.0 Diesel xDrive30d	(E70)[N57D30A]	09.10-	115960	14	180	09.10-	114740	12	1.2
		09.10- 06.13	116138	14	220	09.10- 06.13	116001	12	2.0
X5 3.0 Diesel xDrive40d	(E70)[N57D30B]	09.10-	115960	14	180	09.10-	115335	12	2.2
		09.10- 06.13	116138	14	220	09.10- 06.13	116001	12	2.0
X5 3.0 xDrive35i	(E70)[N55B30A]	04.10- 07.13	116670	14	210				
X5 3.0 i	(E53)[M54B30 (306S3)]	10.98-	112426	14	150	10.98-	113446	12	2.2
		10.99-	111873	14	80	10.99-	111911	12	1.4
X5 3.0 i Xdrive	(E70)[N52B30A]	09.08-	114524	14	180 VA A49	09.08-	115574	12	1.2
		09.08-	116120	14	180 BO	09.08-	114740	12	1.2
		09.08-	116121	14	180 BO A49	09.08-	114689	12	2.0
		09.08-	116169	14	180	09.08-	116570	12	1.7
		09.08-	116295	14	180 VA	09.08-	116001	12	2.0
		09.08-	116489	14	230				
X5 3.0 i xDrive 35	(E70)[N55B30A]	02.12- 06.13	116670	14	210				
X5 3.0 Si	(E70)[N52B30]	02.07- 09.08	114524	14	180 VA A49	02.07- 09.08	115574	12	1.2
		02.07- 09.08	116120	14	180 BO	02.07- 09.08	114740	12	1.2
		02.07- 09.08	116121	14	180 BO A49	02.07- 09.08	114689	12	2.0
		02.07- 09.08	116169	14	180	02.07- 09.08	116570	12	1.7
		02.07- 09.08	116187	14	230	02.07- 09.08	116001	12	2.0
		02.07- 09.08	116295	14	180 VA				
		02.07- 09.08	116489	14	230				
	(E70)[N52B30A]	02.07- 09.08	114524	14	180 VA A49	02.07- 09.08	115574	12	1.2
		02.07- 09.08	116120	14	180 BO	02.07- 09.08	114740	12	1.2
		02.07- 09.08	116121	14	180 BO A49	02.07- 09.08	114689	12	2.0
		02.07- 09.08	116169	14	180	02.07- 09.08	116570	12	1.7
		02.07- 09.08	116187	14	230	02.07- 09.08	116464	12	1.5
		02.07- 09.08	116295	14	180 VA				
		02.07- 09.08	116489	14	230				
X5 4.4 i	(E53)[M62B44]	10.98- 07.00	112426	14	150	10.98- 07.00	113446	12	2.2
	(E53)[M62B44TU]	05.00-	112426	14	150	05.00-	112553	12	1.7
	(E53)[N62B44]	12.03-	114189	14	180	12.03-	114091	12	1.8
	(E53)[N62B44A]	12.03-	114189	14	180	12.03-	114091	12	1.8
X5 4.6 iS	(E53)[M62B46 (468S1)]	02.02-	112426	14	150	02.02-	113446	12	2.2
X5 4.8 i	(E70)[N62B48B]	02.07- 09.08	115923	14	180	02.07- 09.08	115335	12	2.2
X5 4.8 i Xdrive	(E70)[N62B48B]	09.08-	115923	14	180	A25 09.08-	115335	12	2.2
		09.08- 06.13	116187	14	230	09.08- 06.13	116570	12	1.7
X6 3.0 Diesel	(F16, F86)[N57D30C]	08.14-	116388	14	220	08.14-	116001	12	2.0
X6 3.0 Diesel Xdrive	(E71)[M57D30 (306D5)]	09.08-	114385	14	170	09.08-	114091	12	1.8
		09.08-	116188	14	220	09.08-	114740	12	1.2
	(E71)[N57D30A]	09.08-	114385	14	170	09.08-	114091	12	1.8
	(F16, F86)	08.14-	116388	14	220				
X6 3.0 Diesel xDrive30d	(E71, E72)[M57D30 (306D3)]	09.10-	115960	14	180	09.10-	114740	12	1.2
		09.10-	116138	14	220	09.10-	114689	12	2.0
		09.10-	116188	14	220				
	(E71, E72)[N57D30A]	09.10-	115960	14	180	09.10-	114740	12	1.2
		09.10-	116138	14	220	09.10-	115574	12	1.2
						09.10-	114689	12	2.0
X6 3.0 Diesel xDrive40d	(E71, E72)[N57D30B]	10.10-	115960	14	180	10.10-	115574	12	1.2
		10.10-	116138	14	220	10.10-	114689	12	2.0
X6 3.0 i Xdrive	(E71)[N54B30A]	01.08- 07.14	116670	14	210				
	(E71)[N55B30A]	01.08- 07.14	116670	14	210				
Z1 2.5	[M20B25]					11.88- 06.91	111400	12	1.4
Z3 1.8	(E36)[M43B19]	07.98-	111873	14	80	07.98-	111029	12	1.4
	(E36)[M43B19 (194E1)]	07.98- 01.03	111873	14	80	07.98- 01.03	111911	12	1.4
Z3 1.9 i 16V	[M44B19]	11.95- 03.99	111946	14	80	11.95- 03.99	111911	12	1.4
	[M44B19 (194S1)]	11.95- 03.99	111946	14	80	11.95- 03.99	111911	12	1.4
Z3 1.9 i	(E36)[M43B19 (194E1)]	01.99- 08.00	112413	14	90	01.99- 08.00	111911	12	1.4
Z3 2.0	(E36)[M52B20]	04.99- 12.00	111873	14	80	04.99- 12.00	111911	12	1.4
Z3 2.2	(E36)[M54B22(226S1)]	08.00-	111873	14	80	08.00-	111911	12	1.4
Z3 2.8 i	(E36)[M52B28]	03.96-	111873	14	80	03.96-	111029	12	1.4
		11.96- 09.00	112193	14	120	11.96- 09.00	111911	12	1.4
	(E36)[M52B28 (286S1)]	04.97- 06.00	112193	14	120	04.97- 06.00	111911	12	1.4
	(E36)[M52B28TU]	04.97- 06.00	112193	14	120	04.97- 06.00	111911	12	1.4
Z3 3.0	(E36)[M54B30 (306S3)]	06.00-	111873	14	80	06.00-	111911	12	1.4
Z3 3.2	(E36)[S54326S4]	06.01-	112462	14	120 Change pulley	06.01-	111911	12	1.4
		06.01- 01.03	115307	14	120	06.01- 01.03	114118	12	1.4
	(E36)[S54B32]	06.01- 01.03	112462	14	120	06.01- 01.03	114118	12	1.4
		06.01- 01.03	115307	14	120	06.01-	111911	12	1.4
	(E36)[S54B32 (326S4)]	06.01- 01.03	112462	14	120	06.01- 01.03	111911	12	1.4
		06.01- 01.03	115307	14	120				
Z4 2.0	(E89)[N20B20A]	04.13-	116220	14	170	04.13-	115574	12	1.2
						04.13-	114740	12	1.2
Z4 2.0 i	(E85)[N46B20A]	03.05-	113871	14	150 A49	03.05-	111911	12	1.4
		04.05-	115867	14	150	04.05-	115562	12	1.7
						04.05-	114297	12	1.2
	(E85)[N46B20B]	04.05-	113871	14	150 A49	04.05-	111911	12	1.4
		04.05-	115867	14	150	04.05-	115562	12	1.7
						04.05-	114297	12	1.2
	(E85)[N46B20C]	03.95-	113871	14	150 A49	03.95-	111911	12	1.4
Z4 2.0 i sDrive 20i	(E89)[N20B20A]	09.11-	116220	14	170	09.11-	115574	12	1.2
Z4 2.0 i sDrive 28i	(E89)[N20B20A]	09.11-	116220	14	170	09.11-	115574	12	1.2
Z4 2.5 i	(E85)[N52B25A]	01.06-	115904	14	155	01.06-	115562	12	1.7
						01.06-	114740	12	1.2
Z4 2.5 i Sdrive	(E89)[N52B25A]					05.09-	114740	12	1.2
Z4 2.5 Si	(E85)[N52B25A]	01.06-	115904	14	155	01.06-	115574	12	1.2
						01.06-	114740	12	1.2
Z4 3.0 sDrive35is	(E89)[N54B30A]					09.10-	114740	12	1.2
Z4 3.0 i Sdrive	(E89)[N52B30A]					05.09-	114740	12	1.2
	(E89)[N54B30A]					05.09-	114740	12	1.2
Z4 3.0 Si	(E85)[N52B30A]	01.06-	115904	14	155	01.06-	115574	12	1.2
						01.06-	114740	12	1.2
Z4 3.2 M	(E85)[S54B32 (326S4)]	03.06-	115976	14	150	03.06-	115574	12	1.2
	(E86)	03.06-	115976	14	150	03.06-	115574	12	1.2
Z8 4.9	(E52)[S38B49]					06.00-	112553	12	1.7



(E52)[S62B50]					06.00-	112553	12	1.7
PASSENGER CARS US								
118 2.0 i	(E87)[N43B20A]	07.04- 09.12	115931	14	170			
	(E87)[N46B20B]	07.04- 09.12	115931	14	170			
125 2.0 Diesel i Flex	(F21)[N20B20A]	08.14-	116220	14	170			
318 1.8 Ti	[M42]	01.95-	111946	14	80	01.95-	111911	12 1.4
318 1.9	[M44]	01.96- 01.97	111946	14	80	01.96- 01.97	111911	12 1.4
318 1.9 i	[M44]	01.96- 01.97	111946	14	80	01.96- 01.97	111911	12 1.4
318 1.9 iS	[M44]	01.96- 01.97	111946	14	80	01.96- 01.97	111911	12 1.4
318 1.9 Ti	[M44]	01.96- 01.97	111946	14	80	01.96- 01.97	111911	12 1.4
323 2.5 Ci	[M52]	01.00- 01.00	112193	14	120	01.00- 01.00	111911	12 1.4
323 2.5 i	[M52]	01.99- 01.00	112687	14	80	01.99- 01.00	111911	12 1.4
323 2.5 i Sport	[M52]	01.00- 01.00	112193	14	120	01.00- 01.00	111911	12 1.4
323 2.5 iC	[M52]	01.98- 01.99	112687	14	80	01.98- 01.99	111911	12 1.4
323 2.5 iS	[M52]	01.98- 01.99	112687	14	80	01.98- 01.99	111911	12 1.4
325 2.5 i	[M20]					01.87- 01.91	111400	12 1.4
	[M50]	01.92- 01.95	112687	14	80	01.92- 01.95	111911	12 1.4
						01.92- 01.95	111400	12 1.4
325 2.5 iC	[M20]					01.87- 01.93	111400	12 1.4
	[M50]	01.94- 01.95	112687	14	80	01.94- 01.95	111911	12 1.4
325 2.5 iS	[M20]					01.87- 01.91	111400	12 1.4
	[M50]	01.92- 01.95	112687	14	80	01.92- 01.95	111911	12 1.4
						01.92- 01.95	111400	12 1.4
325 2.5 iX	[M20]					01.88- 01.91	111400	12 1.4
325 2.5 Xi	[M54]					01.01- 01.03	111911	12 1.4
325 2.5 Xi Sport	[M54]					01.01- 01.03	111911	12 1.4
325 2.7	[M20]					01.87- 01.88	111400	12 1.4
328 2.8	[M52]	01.98- 01.99	112687	14	80	01.98- 01.99	111911	12 1.4
328 2.8 Ci	[M52]	01.00- 01.00	112193	14	120	01.00- 01.00	111911	12 1.4
328 2.8 i	[M52]	01.00- 01.00	112193	14	120	01.00- 01.00	111911	12 1.4
		01.96- 01.97	112687	14	80			
328 2.8 iC	[M52]	01.96- 01.97	112687	14	80	01.96- 01.97	111911	12 1.4
328 2.8 iS	[M52]	01.96- 01.97	112687	14	80	01.96- 01.97	111911	12 1.4
330 3.0 Ci	[M54]					01.01- 01.01	111911	12 1.4
330 3.0 i	[M54]					01.01- 01.01	111911	12 1.4
330 3.0 Xi	[M54]					01.02- 01.03	111911	12 1.4
525 2.5 iT	[M50]	01.93-	112687	14	80	01.93-	111911	12 1.4
						01.95-	111400	12 1.4
528 2.8 i	[M52]	01.97-	111873	14	80	01.97-	111911	12 1.4
		01.97-	112193	14	120			
528 2.8 iT	[M52]	01.99- 01.00	112193	14	120	01.99- 01.00	111400	12 1.4
530 3.0 i	[M54]					01.01- 01.02	111911	12 1.4
	[M60]					01.94- 01.95	112553	12 1.7
530 3.0 iT	[M60]					01.94- 01.95	112553	12 1.7
535 3.5 i	[M30]					01.88- 01.93	112172	12 1.6
535 3.5 iS	[M30]					01.88-	112172	12 1.6
540 4.4 i	[M62]	01.03-	112426	14	150	01.03-	112553	12 1.7
540 4.4 i Sport	[M62]	01.01- 01.02	112426	14	150	01.01- 01.02	112553	12 1.7
540 4.4 iT	[M62]	01.99- 01.00	112426	14	150	01.99- 01.00	112553	12 1.7
735 3.5 iL	[M30]					01.88- 01.92	112172	12 1.6
740 4.0 iL	[M60]					01.93- 01.95	112553	12 1.7
740 4.4 i	[M62]	01.98- 01.01	112426	14	150	01.97- 01.98	112553	12 1.7
740 4.4 iL	[M62]	01.99- 01.01	112426	14	150	01.96- 01.98	112553	12 1.7
750 5.4 iL	[M73]	01.99- 01.01	112426	14	150			
840 4.0 Ci	[M60]					01.94- 01.95	112553	12 1.7
840 4.4 Ci	[M62]					01.96- 01.97	112553	12 1.7
M3 3.0	[S50]	01.95-	112687	14	80	01.95-	111911	12 1.4
M3 3.2	[S52]	01.96- 01.97	112687	14	80	01.96- 01.97	111911	12 1.4
M5 3.6	[S38]					01.91- 01.93	112172	12 1.6
M5 5.0	[S62]					01.00- 01.03	112553	12 1.7
X5 3.0 i	[M54]	10.98-	112426	14	150			
X5 4.4	[M62]	01.00- 01.03	112426	14	150	01.00- 01.03	112553	12 1.7
X5 4.6 iS	[M62]	01.02- 01.02	112426	14	150	01.02- 01.02	112553	12 1.7
X6 3.0 i xDrive 35 i	(E71, E72)[N55B30A]	07.09- 06.14	116670	14	210	07.09- 06.14	115574	12 1.2
						01.12-	114740	12 1.2
Z3 1.9	[M44]	01.96- 01.97	111946	14	80	01.96- 01.97	111911	12 1.4
Z3 2.5	[M52]	01.00- 01.00	111873	14	80	01.00- 01.00	111911	12 1.4
		01.00- 01.00	112193	14	120			
Z3 2.8	[M52]	01.00- 01.00	111873	14	80	01.00- 01.00	111911	12 1.4
		01.00- 01.00	112193	14	120			
Z3 3.2 M	[S52]	01.99- 01.00	112687	14	80			
Z4 2.5	[M54]					01.03- 01.03	111911	12 1.4
Z4 3.0	[M54]					01.03- 01.03	111911	12 1.4
Z8 5.0	[S62]					01.01- 01.03	112553	12 1.7
PASSENGER CARS AO								
3 3.0	(E93)[N52B30A]	03.07-	114524	14	180 VA A49	03.07-	115574	12 1.2
		03.07-	116120	14	180 BO	03.07-	114740	12 1.2
		03.07-	116121	14	180 BO A49			
		03.07-	116295	14	180 VA			
	(E93)[N52NB30B]	03.07-	114524	14	180 VA A49	03.07-	115574	12 1.2
		03.07-	116120	14	180 BO	03.07-	114740	12 1.2
		03.07-	116121	14	180 BO A49			
		03.07-	116295	14	180 VA			
5 3.0 i	(E60)	03.05-	115904	14	155			
118 2.0 i	(E87)[N43B20A]	03.07- 12.07	115931	14	170			
318 1.8 i	(E30)[M40B18C]					06.88- 02.92	111911	12 1.4
320 2.0 i	(E92)[N43B20A]	06.07-	113871	14	150 A49	06.07-	114297	12 1.2
		06.07-	114781	14	110			
		06.07-	115867	14	150			
	(E92)[N46B20B]	06.07-	113871	14	150 A49	06.07-	114297	12 1.2
		06.07-	114781	14	110			
		06.07-	115867	14	150			
323 2.5 i	(E90)[N52B25A]	03.08- 12.11	115904	14	155			
330 3.0 i	(E92)[N52B30A]	08.06-	114524	14	180 VA A49	08.06-	115574	12 1.2
		08.06-	116120	14	180 BO			
		08.06-	116121	14	180 BO A49			
		08.06-	116295	14	180 VA			

**BMW Continued**

330 3.0 Xi	(E92)[N52B30A]	09.06- 09.06- 09.06- 09.06-	114524 116120 116121 116295	14 180 VA A49 14 180 BO 14 180 BO A49 14 180 VA	09.06-	114740	12 1.2
335 3.0 i	(E90)[N54B30A]				10.06- 12.11	114740	12 1.2
	(E90)[N55B30A]				10.06- 12.11	115574	12 1.2
					10.06- 12.11	114740	12 1.2
					10.06- 12.11	115574	12 1.2
523 2.5 i	(F10)[N52B25A]	01.10- 08.11	116668	14 210	01.10- 08.11	115574	12 1.2
					03.10-	114740	12 1.2
735 4.0 i	(E65, E66)[N62B40A]	03.05-	114189	14 180	03.05-	116570	12 1.7
ActiveHybrid 3.0 ActiveHybrid	(F30)[N55B30A]				07.12-	115574	12 1.2
X1 2.0 Diesel Xdrive	(E84)[N47D20C]	10.09-	115581	14 180 A49	10.09-	115335	12 2.2
		10.09-	116348	14 180	10.09-	116059	12 2.2 A49
MOTOR BIKES							
R100 1.0					06.76-	111334	12 1.2
R1100 1.1					01.93- 01.01	111335	12 1.1
R1150 1,13		01.01- 12.05	116075	14 60			
R1150 1.1			116075	14 60		111335	12 1.1
R1200 1.1		10.01- 07.04	116075	14 60			
R45 0.5					06.78- 07.85	111334	12 1.2
R50 0.5					09.69- 07.73	111334	12 1.2
R60.5 0.6					09.69- 06.73	111334	12 1.2
R60.6 0.6					09.74- 06.78	111334	12 1.2
R60.7 0.6					09.76- 06.80	111334	12 1.2
R65 0.7					07.78- 12.93	111334	12 1.2
R75.5 0.8					09.69- 09.80	111334	12 1.2
R75.6 0.8					09.73- 08.76	111334	12 1.2
R75.7 0.8					09.76- 08.79	111334	12 1.2
R80 0.8					09.77-	111334	12 1.2
R850 0.85		01.01- 12.06	116075	14 60			
R90 0.9					08.73-	111334	12 1.2
Various Models						116046	12 1.2
MARINE							
D 150						115472	12 2.7
D 190						115472	12 2.7
D 530						115472	12 2.7
D 636						115472	12 2.7
Marine 2.0	[B130]	12.78- 07.87	113631	14 90			
Marine 2.8	[B190]	03.78- 07.87	113631	14 90			
Various Models					12.78- 07.87	110363	12 0.7
					10.81- 07.87	112173	12 2.7
BMW (Brilliance)							
PASSENGER CARS AO							
320 2.0 Li	[N20B20]	07.12-	116220	14 170			
535 3.0 Li	[N55B30A]				AT 08.10-	116464	12 1.5
Bobcat							
INDUSTRY							
320 Excavators	[D722-E]		114205	14 40		110447 114485 116537	12 1.0 12 1.1 12 1.4
322	[Kubota]					114738	12 1.4
323 Excavators	[D722-E]		114205	14 40		110447 114485 116537	12 1.0 12 1.1 12 1.4
325 Excavators	[D1703-M]		113921	14 40		113893	12 1.2
328 Excavators	[D1703-M]		113921	14 40		113893	12 1.2
425 Excavators	[V1505-E]		113856	14 40		111021	12 1.4
428 Excavators	[V1505-E]		113856	14 40		111021	12 1.4
430 Excavators	[V2203-M]		113921	14 40		110720	12 1.4
	[V2403-M]		114751	14 44		111197 113966	12 2.0 12 1.4
435 Excavators	[V2203-M]		113921	14 40		110720 111197	12 1.4 12 2.0
463 Skid Steer Loaders	[D1005-E]		111048 113921	14 40 14 40		110447 114485	12 1.0 12 1.1
	[D722-E]		114205	14 40		114485 116537	12 1.1 12 1.4
553 Skid Steer Loaders	[D1005-E]		111048 113921	14 40 14 40		114485	12 1.1
773 Skid Steer Loaders	[V2203-DI]		110540	14 55		112489	12 2.7
775 Skid Steer Loaders	[V2203-DI]		110540	14 55		112489	12 2.7
963 Skid Steer Loaders	[1004-4T]		111355 112698 114772	14 65 14 100 14 95		114388 116308	12 3.2 12 3.2
1080 Forestry Equipment	[6068T]		113986	14 120		115357 116535	12 4.2 12 3.0
320C	[Kubota]					114738	12 1.4
320D	[Kubota]					114738	12 1.4
322C	[Kubota]					114738	12 1.4
322C Excavators	[D722-E]		114205	14 40		110447 114485 116537	12 1.0 12 1.1 12 1.4
322G Excavators	[D722-E]		114205	14 40		110447 114485 116537	12 1.0 12 1.1 12 1.4
323K Excavators	[D722-E]		114205	14 40		110447 114485 116537	12 1.0 12 1.1 12 1.4
325 & 329 Excavators	[D1703-M]		113921	14 40		113893	12 1.2
325G Excavators	[D1703-M]		113921	14 40		113893	12 1.2
328G Excavators	[D1703-M]		113921	14 40		113893	12 1.2
331 & 335 Excavators	[V2203-M]		113921	14 40		110720	12 1.4
	[V2403-M]		114751	14 44		111197 113966	12 2.0 12 1.4
331E (EXTENDABLE) Excavators	[V2203-M]		113921	14 40		110720 111197	12 1.4 12 2.0
331G Excavators	[V2203-M]		113921	14 40		110720 111197	12 1.4 12 2.0



334G Excavators	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
337G Excavators	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
341G Excavators	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
430G Excavators	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
435G Excavators	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
453F Skid Steer Loaders	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
753/753H Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
	[V2203-M-DI]	110540	14 55	112489	12 2.7
753G Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
753L Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
763/763H Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
763G Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
773G Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
963G Skid Steer Loaders	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
A 770 Skid Steer Loaders	[V3800DI-T-E]	113600	14 90	113727	12 2.7
A770 AWS Skid Steer Loaders	[V3800DI-T-E]	113600	14 90	113727	12 2.7
A770 M SERIES Skid Steer Loaders	[V3800DI-T-E]	113600	14 90	113727	12 2.7
AL275 Wheel Loaders and Dozers	[V2403-M-DI]	114751	14 44	111197	12 2.0
E 08 Excavators	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
E 10 Excavators	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
E 14 Excavators	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
E 16 Excavators	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
E 32 Excavators	[D1803-M-DI]	114085	14 40	114685	12 2.0
E 35 Excavators	[D1803-M-DI]	114085	14 40	114685	12 2.0
E 45 Excavators	[V2403-M-DI]	114751	14 44	111197	12 2.0
E 50 Excavators	[V2403-M]	114751	14 44	111197	12 2.0
				113966	12 1.4
E 55 Excavators	[V2403-M-DI]	114751	14 44	111197	12 2.0
E26 Excavators	[V1505-E]	113856	14 40	111021	12 1.4
E32 Excavators	[D1803-M]	113921	14 40	115322	12 1.4
E32 & E35 Excavators	[D1803-M]	113921	14 40	115322	12 1.4
E32i Excavators	[D1803-M]	113921	14 40	115322	12 1.4
E35 Excavators	[D1803-M]	113921	14 40	115322	12 1.4
E35i Excavators	[D1803-M]	113921	14 40	115322	12 1.4
E42 Excavators	[V2403-M-DI]	114751	14 44	111197	12 2.0
E45 Excavators	[V2403-M-DI]	114751	14 44	111197	12 2.0
E55W	[4TNV98]			114874	12 3.0
HD18 Dumpers/Tenders	[103-15]	110770	14 55	110615	12 2.8
				115393	12 4.0
MF8937 OPT. Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
MT 55 Skid Steer Loaders	[D902-E]	113921	14 40	113966	12 1.4
MT50 Skid Steer Loaders	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
MT52 Skid Steer Loaders	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
MT55 Skid Steer Loaders	[D902]	114205	14 40	116071	12 1.4
MT85 Skid Steer Loaders	[D902]	114205	14 40	116071	12 1.4
S 130 Skid Steer Loaders	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
S 150 Skid Steer Loaders	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
S 175 Skid Steer Loaders	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
S 630 Skid Steer Loaders	[V3307-DI-T]	114807	14 60	114167	12 3.0
S 650 Skid Steer Loaders	[V3307-DI-T]	114807	14 60	114167	12 3.0
S 770 Skid Steer Loaders	[V3800DI-T-E]	113600	14 90	113727	12 2.7
S 850 Skid Steer Loaders	[V3800DI-T-E]	113600	14 90	113727	12 2.7
S100 Skid Steer Loaders	[V1505-E]	113856	14 40	111021	12 1.4
S130 Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
	[V2203-M-DI]	110540	14 55	112489	12 2.7
S150 Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
	[V2203-M-DI]	110540	14 55	112489	12 2.7
S160 Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
S175 Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
	[V2203-M-DI]	110540	14 55	112489	12 2.7
S205 Skid Steer Loaders	[V2403-M-DI]	114751	14 44	111197	12 2.0
S300 Skid Steer Loaders	[D1005-E]	111048	14 40	114485	12 1.1
		113921	14 40		
S330 Skid Steer Loaders	[V3800DI-T-E]	113600	14 90	113727	12 2.7
S510 M SERIES Skid Steer Loaders	[V2403-M-DI]	114751	14 44	111197	12 2.0
S530 M SERIES Skid Steer Loaders	[V2403-M-DI]	114751	14 44	111197	12 2.0
S630 Skid Steer Loaders	[V3307-DI-T]	114807	14 60	114167	12 3.0
S630 M SERIES Skid Steer Loaders	[V3307-DI-T]	114807	14 60	114167	12 3.0
S650 Skid Steer Loaders	[V3307-DI-T]	114807	14 60	114167	12 3.0
S650 M SERIES Skid Steer Loaders	[V3307-DI-T]	114807	14 60	114167	12 3.0
S70 Skid Steer Loaders	[D1005-E]	111048	14 40	114485	12 1.1
		113921	14 40		
S750 Skid Steer Loaders	[V3800DI-T-E]	113600	14 90	113727	12 2.7
S750 M SERIES Skid Steer Loaders	[V3800DI-T-E]	113600	14 90	113727	12 2.7



BOBCAT Continued

S770 Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
S770 M SERIES Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
S850 Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
S850 M SERIES Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
T 110 Skid Steer Loaders	[V2403-M-DI]	114751	14	44	111197	12	2.0
T 650 Skid Steer Loaders	[V3307-DI-T]	114807	14	60	114167	12	3.0
T 770 Skid Steer Loaders	[V3307-DI-T]	114807	14	60	114167	12	3.0
	[V3800DI-T-E]	113600	14	90	113727	12	2.7
T 870 Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
T110 Skid Steer Loaders	[V2403-M-DI]	114751	14	44	111197	12	2.0
T140 Skid Steer Loaders	[V2203-M]	113921	14	40	110720	12	1.4
					111197	12	2.0
T180 Skid Steer Loaders	[V2403-M-DI]	114751	14	44	111197	12	2.0
T190 Skid Steer Loaders	[V2403-M-DI]	114751	14	44	111197	12	2.0
T2250 Rough Terrain Forklifts	[V3800DI-T-E]	113600	14	90	113727	12	2.7
T30160 Rough Terrain Forklifts	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
T320 Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
T40150 Rough Terrain Forklifts	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
T45180 Rough Terrain Forklifts	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
T630 Skid Steer Loaders	[V3307-DI-T]	114807	14	60	114167	12	3.0
T630 M SERIES Skid Steer Loaders	[V3307-DI-T]	114807	14	60	114167	12	3.0
T650 Skid Steer Loaders	[V3307-DI-T]	114807	14	60	114167	12	3.0
T650 M SERIES Skid Steer Loaders	[V3307-DI-T]	114807	14	60	114167	12	3.0
T750 Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
T750 M SERIES Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
T770 Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
T770 M SERIES Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
T870 Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
T870 M SERIES Skid Steer Loaders	[V3800DI-T-E]	113600	14	90	113727	12	2.7
Various Models	[Kubota]				114685	12	2.0
					116071	12	1.4
MISCELLANEOUS							
443	[D750]				01.82- 01.88	110469	12
453	[D750B]	01.94-	114205	14	40	01.94-	110469
533	[Isuzu]				01.80- 01.81	110469	12
543	[D950]				01.82- 01.88	110469	12
553	[D1005B]	01.95-	114205	14	40	01.95-	110469
611	[Deutz]				01.80- 01.81	110602	12
621	[Deutz]				01.80- 01.81	110602	12
632	[4-98]				01.81-	110469	12
641	[F2L511]				01.82-	110590	12
642	[Ford]				01.84-	110469	12
643					01.82- 01.89	110602	12
671					08.80-	110590	12
672					01.80-	110469	12
721	[Deutz]				01.80-	110602	12
733	[Deutz]				08.80- 01.81	110602	12
741	[F2L511]				01.82-	110590	12
743					01.82- 01.85	110602	12
753					01.90- 01.93	110602	12
					01.93-	112489	12
773		01.95-	110540	14	55	01.95-	112489
825	[Perkins]				01.80- 01.81	110602	12
833	[Perkins]				01.80- 01.81	110602	12
843	[Perkins]				01.80- 01.81	110602	12
943					01.88-	110590	12
970					01.70- 01.76	110468	12
974					01.89-	110590	12
975					01.89-	110590	12
					01.77- 01.83	111221	12
980		01.88-	110540	14	55	01.88-	112267
1600					01.89-	110602	12
2000					01.89-	110590	12
2200	[Kubota]					114485	12
S175	[Kubota]				01.02- 01.03	113727	12
S185	[Kubota]	01.02- 01.03	113600	14	90	01.02- 01.03	113727
S250	[Kubota]	01.02- 01.03	113600	14	90	01.02- 01.03	113727
T200	[Deutz]	01.99-	113600	14	90		
Various Models			113347	14	20	110942	12
			113600	14	90	111300	12
			114205	14	40	111221	12
			115432	14	50	110536	12
						112489	12
					01.89- 12.95	111383	12
						114038	12
						116312	12
						116139	12
							BO
							A49
			110540	14	55	110590	12
Bomag							
INDUSTRY							
335C PACTOR Rollers	[6BTA5.9]	111843	14	95			
335C TRASHMASTER 335C	[6BTA5.9]	111843	14	95			
46H1304 Finishing Equipment	[GX390]				113671	12	
BF 223 C Pavers	[404D-22]	113763	14	85	115325	24	2.5
BMP 8500 Rollers	[D1005-E]	111048	14	40	114485	12	1.1
		113921	14	40			
BP 15/45-2 Plate Compactors	[GX160]				113671	12	
BP 8/34 Plate Compactors	[GX120]				113671	12	
BPR 25/40 Plate Compactors	[GX160]				113671	12	
BPR 30/38-2 Plate Compactors	[GX160]				113671	12	
BW 100 AC-3 Rollers	[F2L1011]	112183	14	60	112041	12	2.2
		112548	14	60	114320	12	3.0
		114077	28	40	116128	12	3.2
BW 100 AC-4 Rollers	[D1703-M]	113921	14	40	113893	12	1.2



BW 100 AC-4 BW 120 AC-4 & BW 125 AC-4 Rollers	[D1703-M]	113921	14 40	113893	12 1.2	
BW 100 AC-5 Rollers	[D1703-M]	113921	14 40	113893	12 1.2	
BW 100 ACM-5 Rollers	[D902]	114205	14 40	116071	12 1.4	
BW 100 AD-3 Rollers	[F2L1011]	112183	14 60	112041	12 2.2	
		112548	14 60	114320	12 3.0	
		114077	28 40	116128	12 3.2	
BW 100 AD-4 Rollers	[D1703-M]	113921	14 40	113893	12 1.2	
BW 100 AD-4 BW 120 AD-4 & BW 125 AD-4 Rollers	[D1703-M]	113921	14 40	113893	12 1.2	
BW 100 AD-5 Rollers	[D1703-M-E]	113921	14 40	113893	12 1.2	
BW 100 ADM-2 Rollers	[D722-E]	114205	14 40	110447	12 1.0	
				114485	12 1.1	
				116537	12 1.4	
BW 100 ADM-5 Rollers	[D902]	114205	14 40	116071	12 1.4	
BW 100 ADS Rollers	[F2L1011]	112183	14 60	112041	12 2.2	
		112548	14 60	114320	12 3.0	
		114077	28 40	116128	12 3.2	
BW 100 SC-5 Rollers	[D902]	114205	14 40	116071	12 1.4	
BW 100 SCC-5 Rollers	[D902]	114205	14 40	116071	12 1.4	
BW 120 AC-3 Rollers	[F2L1011]	112183	14 60	112041	12 2.2	
		112548	14 60	114320	12 3.0	
		114077	28 40	116128	12 3.2	
BW 120 AC-4 Rollers	[D1703-M]	113921	14 40	113893	12 1.2	
BW 120 AC-5 Rollers	[D1703-M]	113921	14 40	113893	12 1.2	
BW 120 AD-3 Rollers	[F2L1011]	112183	14 60	112041	12 2.2	
		112548	14 60	114320	12 3.0	
		114077	28 40	116128	12 3.2	
BW 120 AD-4 Rollers	[D1703-M]	113921	14 40	113893	12 1.2	
BW 120 AD-5 Rollers	[D1703-M-E]	113921	14 40	113893	12 1.2	
BW 124 DH-3 & BW 124 PDH-3 Rollers	[D 2011 L3i]			113181	12 2.3	
BW 125 AC-4 Rollers	[D1703-M]	113921	14 40	113893	12 1.2	
BW 125 ACH Rollers	[F3L1011]	112183	14 60	112041	12 2.2	
		113991	14 80			
		114077	28 40			
BW 125 AD-4 Rollers	[D1703-M]	113921	14 40	113893	12 1.2	
BW 125 ADH Rollers	[F3L1011]	112183	14 60	112041	12 2.2	
		113991	14 80			
		114077	28 40			
BW 135 AC Rollers	[F3L1011]	112183	14 60	112041	12 2.2	
		113991	14 80			
		114077	28 40			
BW 135 AD Rollers	[D 2011 L3i]	115970	14 55			
	[F3L1011]	112183	14 60	112041	12 2.2	
		113991	14 80	113181	12 2.3	
		114077	28 40			
BW 135 AD & BW 138 AD Rollers	[D 2011 L3i]	115970	14 55	113181	12 2.3	
BW 135 AD-5 Rollers	[V2203-M]	113921	14 40	110720	12 1.4	
				111197	12 2.0	
BW 138 AC Rollers	[D 2011 L3i]	115970	14 55			
	[F3L1011]	112183	14 60	112041	12 2.2	
		113991	14 80	113181	12 2.3	
		114077	28 40			
BW 138 AC-5 Rollers	[V2203-M]	113921	14 40	110720	12 1.4	
				111197	12 2.0	
BW 138 AD Rollers	[D 2011 L3i]	115970	14 55			
	[F3L1011]	112183	14 60	112041	12 2.2	
		113991	14 80	113181	12 2.3	
		114077	28 40			
BW 138 AD-5 Rollers	[V2203-M]	113921	14 40	110720	12 1.4	
				111197	12 2.0	
BW 141 AD-50 Rollers	[V3307-DI-T]	114807	14 60	114167	12 3.0	
BW 145 D-3 BW 145 DH-3 & BW 145	[TD 2011 L4i]	116544	14 95	113181	12 2.3	
		116547	14 120			
BW 151 AC-50 Rollers	[V3307-DI-T]	114807	14 60	114167	12 3.0	
BW 151 AD-50 Rollers	[V3307-DI-T]	114807	14 60	114167	12 3.0	
BW 154 ACP-4 Rollers	[V3307-DI-T]	114807	14 60	114167	12 3.0	
BW 154 ACP-4AM Rollers	[V3307-DI-T]	114807	14 60	114167	12 3.0	
BW 154 AP-4 Rollers	[V3307-DI-T]	114807	14 60	114167	12 3.0	
BW 154 AP-4 AM Rollers	[V3307-DI-T]	114807	14 60	114167	12 3.0	
BW 156 SERIES Rollers	[4B3.9]	111888	14 65	113725	12 2.5	
BW 161 AC-2 Rollers	[BF4L913]	113470	28 35	110512	24 5.4	
BW 161 AD-2 Rollers	[BF4L913]	113470	28 35	110512	24 5.4	
BW 161 AD-5 & BW 161 ADO-5 Rollers	[V3800DI-T-E]	113600	14 90	113727	12 2.7	
BW 161 AD-5 AM Rollers	[V3800DI-T-E]	113600	14 90	113727	12 2.7	
BW 164 AC-2 Rollers	[BF4L913]	113470	28 35	110512	24 5.4	
BW 164 AD-2 Rollers	[BF4L913]	113470	28 35	110512	24 5.4	
BW 174 AP-4 Rollers	[V3800DI-T-E]	113600	14 90	113727	12 2.7	
BW 174 AP-4 AM Rollers	[V3800DI-T-E]	113600	14 90	113727	12 2.7	
BW 174 AP-4I Rollers	[V3800DI-T-E]	113600	14 90	113727	12 2.7	
BW 174 AP-4I AM Rollers	[V3800DI-T-E]	113600	14 90	113727	12 2.7	
BW 177 AD-3 Rollers	[4B3.9]	111888	14 65	113725	12 2.5	
BW 177 SERIES Rollers	[4B3.9]	111888	14 65	113725	12 2.5	
BW 190 AD-5 & BW 190 ADO-5 Rollers	[V3800DI-T-E]	113600	14 90	113727	12 2.7	
BW 191 AD-5 Rollers	[TCD4.1L4]	116544	14 95	113181	12 2.3	
		116547	14 120			
BW 191 AD-5 AM & BW 191 ADO-5	[TCD4.1L4]	116544	14 95	113181	12 2.3	
		116547	14 120			
BW 202 AD-2 Rollers	[BF4L913]	113470	28 35	110512	24 5.4	
BW 202 AD-5 & BW 202 ADO-5 Rollers	[V3800DI-T-E]	113600	14 90	113727	12 2.7	
BW 206 AD-5 Rollers	[TCD4.1L4]	116544	14 95	113181	12 2.3	
		116547	14 120			
BW 206 AD-5 AM & BW 206 ADO-5	[TCD4.1L4]	116544	14 95	113181	12 2.3	
		116547	14 120			
BW 211 B 5.7	[F6L912]			01.83- 06.85 110536	12 2.7	
				01.83- 116139	12 3.0 A49	
				01.83- 116312	12 2.7 BO	
				01.83- 116320	12 2.7 BO 11 teeth	
BW 211 D-4 & BW 211 PD-4 Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0	
				116093	12 4.0	

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



BOMAG Continued

BW 211 D-40 & BW 211 PD-40 Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 211 SERIES Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 212 D-40 & BW 212 PD-40 Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 212 PD-2 Rollers	[BF4L913C]	113470	28 35	110512	24 5.4
BW 213 D/AD-2 Rollers	[BF4L913]	113470	28 35	110512	24 5.4
BW 213 D-3 Rollers	[6BT5.9]	111843	14 95		
BW 213 D-4 BW 213 DH-4 & BW 213	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 213 D-40 & BW 213 PD-40 Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 213 DH/PDH Rollers	[BF6L913]	112098	14 65	113467	12 3.7
BW 213 DH-4 BVC Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 213 DH-4 BVC & BW 213 DI-4 BVC	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 213 DH-4 BVC (VIBRATORY PLATES)	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 213 DI-4 BVC Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 213 PD-2 Rollers	[BF4L913C]	113470	28 35	110512	24 5.4
BW 213 PDB-2 Rollers	[BF6L913C]	112098	14 65	113467	12 3.7
BW 213 SERIES Rollers	[6BTA5.9]	111843	14 95	112071	12 3.0
	[TCD 2013 L4 2V]	114110	28 80	116093	12 4.0
BW 214 & BW 216 SERIES Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 214 D/PD-2 Rollers	[BF4L913C]	113470	28 35	113467	12 3.7
	[BF6L913C]	112098	14 65	110512	24 5.4
BW 214 D/PD-3 Rollers	[BF4M1012E B]	116018	28 55	112494	24 4.0
				112071	12 3.0
BW 214 DH-4 & BW 214 PDH-4 Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 216 D/PD-2 Rollers	[BF6L913]	112098	14 65	113467	12 3.7
BW 216 D-4 & BW 216 PD-4 Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW 219 SER. Rollers	[BF6L913]	112098	14 65	113467	12 3.7
BW 27 RH-4I Rollers	[TCD4.1L4]	116544	14 95	113181	12 2.3
		116547	14 120		
BW 55 E Rollers	[GX120]			113671	12
BW 80 AD-2 Rollers	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
BW 80 AD-5 Rollers	[D902]	114205	14 40	116071	12 1.4
BW 80 ADH-2 Rollers	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
BW 80 ADS Rollers	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
BW 90 AC-2 Rollers	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
BW 90 AD-2 Rollers	[D722-E]	114205	14 40	110447	12 1.0
				114485	12 1.1
				116537	12 1.4
BW 90 AD-5 Rollers	[D902]	114205	14 40	116071	12 1.4
BW 90 SC-5 Rollers	[D902]	114205	14 40	116071	12 1.4
BW11AS Rollers	[4B3.9]	111888	14 65	113725	12 2.5
BW11RH Rollers	[4B3.9]	111888	14 65	113725	12 2.5
BW124 DH & BW124 PDH-40 Rollers	[D 2011 L3i]	115970	14 55	113181	12 2.3
BW124-2 SERIES Rollers	[F3L1011]	112183	14 60	112041	12 2.2
		113991	14 80		
		114077	28 40		
BW124D Rollers	[F2L1011]	112183	14 60	112041	12 2.2
		112548	14 60	114320	12 3.0
		114077	28 40	116128	12 3.2
BW12R Rollers	[4B3.9]	111888	14 65	113725	12 2.5
BW145-40 SERIES Soil Compactors	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
BW211-40 SERIES Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW212/D2A Rollers	[BF4L913]	113470	28 35	110512	24 5.4
BW213-3 SERIES Rollers	[6BT5.9]	111843	14 95		
	[6BTA5.9]	111843	14 95		
BW213D-40 Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
BW213DH-40 & BW213PDH-40 Rollers	[QSB4.5]	116317	28 70		
BW266AD-4 Rollers	[QSB4.5]	116317	28 70		
BW278AD-4 & BW278AD-4 AM Rollers	[QSB4.5]	116317	28 70		
BW284AD Rollers	[QSB4.5]	116317	28 70		
BW5AS Rollers	[D 2011 L3i]	115970	14 55	113181	12 2.3
BW9AS Rollers	[4B3.9]	111888	14 65	113725	12 2.5
BW9ASW Rollers	[4B3.9]	111888	14 65	113725	12 2.5
C330B Rollers	[D 2011 L3i]	115970	14 55	113181	12 2.3
C766D Rollers	[QSB4.5]	116317	28 70		
C778D Rollers	[QSB4.5]	116317	28 70		
C784A Rollers	[QSB4.5]	116317	28 70		
C810 SERIES Rollers	[F3L1011]	112183	14 60	112041	12 2.2
		113991	14 80		
		114077	28 40		
C810D SERIES Rollers	[D 2011 L3i]	115970	14 55	113181	12 2.3
C840D SERIES Rollers	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0
				116093	12 4.0
C850 SERIES Rollers	[6BT5.9]	111843	14 95		
C850D SERIES Rollers	[QSB4.5]	116317	28 70	116093	12 4.0
	[TCD 2013 L4 2V]	114110	28 80	112071	12 3.0



C855A/C857A Rollers	[6BT5.9]		111843	14	95				
CC/CS813H Concrete and Industrial S	[GX390]						113671	12	
CD613H Concrete and Industrial S	[GX390]						113671	12	
CR452 Pavers	[QSB6.7]		116317	28	70		114326	24	7.5
CR462 Pavers	[QSB6.7]		116317	28	70		114326	24	7.5
CR552 Pavers	[QSB6.7]		116317	28	70		114326	24	7.5
CR562 Pavers	[QSB6.7]		116317	28	70		114326	24	7.5
CR652RX Pavers	[QSB6.7]		116317	28	70		114326	24	7.5
CR662RM Pavers	[QSB6.7]		116317	28	70		114326	24	7.5
MTP-4004 MTP-4004	[6BTA5.9]		111843	14	95				
RW-400 RW-400	[6BTA5.9]		111843	14	95				
RW-4004 RW-4004	[6BTA5.9]		111843	14	95				
T200 Pumps	[GX160]						113671	12	
Various Models						01.75-	113181	12	2.3
						01.75-	116093	12	4.0
Bombardier									
MISCELLANEOUS									
Various Models							111915	12	0.6
BO									
MOTORS									
DDOD 100 9.6	[F6L413]					04.82- 01.99	112651	24	4.0
						04.82- 01.99	116690	24	4.8
DDOD 17 2.0	[F2L912]	04.82-	110641	14	33				
DDOD 27 2.8	[F3L912]	04.82-	110641	14	33	04.82-	110536	12	2.7
						04.82- 01.99	116139	12	3.0 A49
						04.82- 01.99	116312	12	2.7 BO
						01.92- 01.99	112555	12	3.1
DDOD 36 4.0	[F4L912]	04.82-	110641	14	33	04.82-	110536	12	2.7
						04.82- 01.99	116139	12	3.0 A49
						04.82- 01.99	116312	12	2.7 BO
						01.92- 01.99	112555	12	3.1
DDOD 46 4.7	[F5L912]	04.82-	110641	14	33				
DDOD 57 5.7	[F6L912]	04.82-	110641	14	33				
DDOD 83 8.0	[F5L413FR]					04.82- 01.99	112651	24	4.0
						04.82- 01.99	116690	24	4.8
BPM									
MARINE									
Arctic 157		01.62- 12.87	110641	14	33				
Arctic 157 181							116013	12	1.8
Arctic 181		01.62- 12.87	110641	14	33				
Ionic 127							116013	12	1.8
Ionic 144							116013	12	1.8
Ionic 144		06.62- 12.88	110641	14	33				
Oceanic 235		01.63- 12.87	110641	14	33	01.63- 12.87	116013	12	1.8
Oceanic 265 S		01.63- 07.92	110641	14	33	01.63- 07.92	116013	12	1.8
V12 / 570		06.72- 07.92	110641	14	33				
V12 / 620 S		06.72- 07.92	110641	14	33				
Various Models							115423	12	3.0
Vulcano 375		06.68- 07.92	110641	14	33				
Vulcano 450		06.68- 07.92	110641	14	33				
Briggs & Stratton									
MOTORS									
Vanguard V-Twin							114716	12	
Various Models			115319	14	45		110634	12	0.65
							110635	12	0.5
							112563	12	0.8
							112242	12	0.6
							113853	12	0.5
							113539	12	
							115469	12	
							115592	12	0.6
							114519	12	1.0
							114520	12	
Brilliance BMW									
PASSENGER CARS AO									
525 2.5 Li		01.07-	115904	14	155				
5 SERIES 2.5	[N52B25]	07.03-	115904	14	155				
Buick									
PASSENGER CARS EU									
Century 5.7 Limited	[LF9]	01.82- 01.83	110233	14	63				
		01.82- 01.83	110505	14	75				
		01.83- 01.86	110508	14	78				
		01.84- 01.86	110471	14	94				
		01.84- 01.86	110492	14	108				
		01.87- 01.92	110499	14	100/105				
Lesabre 3.8	[L36]	01.99-	111220	14	105				
Park Avenue 3.8	[L27]	01.91-	111220	14	105				
Skylark 2.8	[LE2]	01.79- 12.82	110505	14	75				
Various Models						01.64- 01.80	112897	12	1.7
PASSENGER CARS US									
Apollo 4.1		01.73- 01.75	110505	14	75				
Apollo 4.1 SR		01.75-	110233	14	63				
		01.75- 01.75	110505	14	75				
Apollo 4.3		01.75-	110502	14	100/105				
		01.75-	110505	14	75				
Apollo 4.3 SR		01.75-	110505	14	75				
Apollo 5.7		01.73- 01.75	110233	14	63				
		01.73- 01.75	110502	14	100/105				
		01.73- 01.75	110505	14	75				
Apollo 5.7 SR		01.75-	110233	14	63				
		01.75-	110505	14	75				
		01.91- 01.93	112629	14	100/105				
Centurion 5.7		01.72- 01.73	110233	14	63				
		01.72- 01.73	110505	14	75				
Centurion 7.5		01.72- 01.73	110233	14	63				
		01.72- 01.73	110505	14	75				
		01.71-	110075	14	60				
Century 2.2 Custom		01.93-	110500	14	100/105				
Century 2.2 Limited		01.93-	110500	14	100/105				


BUICK *Continued*

Century 2.2 Special	01.93-	110500	14	100/105				
Century 2.5	01.84- 01.86	110492	14	108	01.84- 01.86	112900	12	1.4
	01.87- 01.89	110499	14	100/105				
	01.84- 01.89	110505	14	75				
	01.84- 01.89	110471	14	94				
Century 2.5 Custom	01.84- 01.86	110492	14	108	01.84- 01.86	112900	12	1.4
	01.87- 01.92	110499	14	100/105				
	01.82-	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83-	110471	14	94				
Century 2.5 Limited	01.84- 01.92	110492	14	108	01.84- 01.92	112900	12	1.4
	01.87- 01.92	110499	14	100/105				
	01.82-	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83-	110471	14	94				
Century 2.5 Special	01.91- 01.92	110499	14	100/105				
Century 2.8	01.85- 01.85	110492	14	108				
	01.87- 01.88	110499	14	100/105				
	01.85-	110508	14	78				
	01.85-	110471	14	94				
Century 2.8 Custom	01.84- 01.85	110492	14	108	01.84- 01.85	112900	12	1.4
	01.87- 01.89	110499	14	100/105				
	01.83- 01.85	110505	14	75				
	01.83- 01.85	110508	14	78				
	01.83- 01.85	110471	14	94				
Century 2.8 Limited	01.84- 01.85	110492	14	108	01.84- 01.85	112900	12	1.4
	01.87- 01.89	110499	14	100/105				
	01.83- 01.85	110505	14	75				
	01.83- 01.85	110508	14	78				
	01.83- 01.85	110471	14	94				
Century 3.0	01.84- 01.85	110492	14	108	01.84- 01.85	112900	12	1.4
	01.84- 01.85	110505	14	75				
	01.84- 01.85	110471	14	94				
Century 3.0 Custom	01.84- 01.85	110492	14	108	01.84- 01.85	110216	12	1.4
	01.83-	110502	14	100/105				
	01.82- 01.82	110505	14	75				
	01.83- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
Century 3.0 Limited	01.84- 01.85	110492	14	108	01.84- 01.85	110216	12	1.4
	01.82- 01.82	110505	14	75				
	01.83- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
Century 3.0 T-Type	01.84- 01.84	110492	14	108	01.84- 01.84	112900	12	1.4
	01.83- 01.84	110505	14	75				
	01.83- 01.84	110508	14	78				
	01.83- 01.84	110471	14	94				
Century 3.2 Custom	01.78- 01.79	110505	14	75				
Century 3.2 Limited	01.78- 01.79	110505	14	75				
Century 3.2 Special	01.78- 01.79	110505	14	75				
Century 3.2 Sport	01.78- 01.79	110505	14	75				
Century 3.3 Custom	01.91- 01.93	110499	14	100/105				
Century 3.3 Limited	01.91- 01.93	110499	14	100/105				
Century 3.3 Special	01.91- 01.93	110499	14	100/105				
Century 3.8	01.84- 01.85	110492	14	108				
	01.87- 01.88	110499	14	100/105				
	01.75- 01.77	110502	14	100/105				
	01.75- 01.77	110505	14	75				
	01.86- 01.86	110508	14	78				
	01.84- 01.85	110471	14	94				
Century 3.8 Custom	01.84- 01.86	110492	14	108	01.84- 01.86	112900	12	1.4
	01.87- 01.92	110499	14	100/105				
	01.75- 01.77	110505	14	75				
	01.84- 01.86	110471	14	94				
Century 3.8 Limited	01.84- 01.85	110492	14	108				
	01.87- 01.88	110499	14	100/105				
	01.78- 01.81	110505	14	75				
	01.86- 01.86	110508	14	78				
	01.84- 01.85	110471	14	94				
Century 3.8 Special	01.75- 01.77	110505	14	75				
Century 3.8 Sport	01.78- 01.80	110505	14	75				
Century 3.8 T-Type	01.84- 01.85	110492	14	108				
	01.84- 01.85	110505	14	75				
	01.83- 01.86	110508	14	78				
	01.84- 01.85	110471	14	94				
Century 3.8 Turbo	01.80-	110505	14	75				
Century 3.8 Turbo Custom	01.79-	110505	14	75				
Century 3.8 Turbo Limited	01.79- 01.80	110505	14	75				
Century 3.8 Turbo Special	01.79-	110505	14	75				
Century 3.8 Turbo Sport	01.79- 01.80	110505	14	75				
Century 4.3	01.84- 01.85	110233	14	63	01.84- 01.85	110216	12	1.4
	01.84- 01.85	110492	14	108				
	01.84- 01.85	110505	14	75				
	01.84- 01.85	110471	14	94				
Century 4.3 Custom	01.82- 01.85	110233	14	63	01.82- 01.85	110216	12	1.4
	01.84- 01.85	110492	14	108				
	01.82- 01.85	110505	14	75				
	01.83- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
Century 4.3 Limited	01.82- 01.85	110233	14	63	01.82- 01.85	110216	12	1.4
	01.84- 01.85	110492	14	108				
	01.82- 01.82	110505	14	75				
	01.84- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
Century 4.3	01.80- 01.81	110505	14	75				
Century 4.3 Limited	01.80- 01.81	110505	14	75				
Century 4.4	01.81-	110505	14	75				
Century 4.4 Limited	01.81-	110505	14	75				
Century 4.9	01.80-	110505	14	75				
Century 4.9 Custom	01.79-	110505	14	75				
Century 4.9 Limited	01.79- 01.80	110505	14	75				



Century 4.9 Special	01.79-	110505	14 75		
Century 4.9 Sport	01.79- 01.80	110505	14 75		
Century 5.0	01.77-	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Century 5.0 Custom	01.77- 01.78	110505	14 75		
Century 5.0 Limited	01.78- 01.80	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Century 5.0 Special	01.78- 01.79	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Century 5.0 Sport	01.78-	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Century 5.7	01.81-	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Century 5.7 Limited	01.81-	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Century 5.7	01.73- 01.77	110233	14 63	01.73- 01.77	110414 12
	01.73- 01.77	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Century 5.7 Custom	01.75- 01.77	110233	14 63	01.75- 01.77	110414 12
	01.75- 01.77	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Century 5.7 Luxus	01.73- 01.74	110233	14 63	01.73- 01.74	110414 12
	01.73- 01.74	110505	14 75		
Century 5.7 Special	01.79-	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Century 6.6 Custom	01.77-	110505	14 75		
Century 7.5	01.73-	110233	14 63	01.73-	110414 12
	01.73-	110505	14 75		
Century 7.5 Luxus	01.73-	110233	14 63	01.73-	110414 12
	01.73-	110505	14 75		
Electra 3.0 300	01.85-	110492	14 108		
	01.85-	110508	14 78		
Electra 3.8	01.86-	110492	14 108		
	01.86-	110508	14 78		
Electra 3.8 300	01.85-	110492	14 108		
	01.83- 01.87	110508	14 78		
Electra 3.8 Limited	01.87-	110492	14 108		
	01.87- 01.87	110508	14 78		
	01.88- 01.90	111220	14 105		
Electra 3.8 Park Avenue	01.85-	110492	14 108		
	01.85-	110508	14 78		
	01.88- 01.90	111220	14 105		
Electra 3.8 Park Avenue Ultra	01.90-	110492	14 108		
	01.90-	111220	14 105		
Electra 3.8 T-Type	01.85-	110492	14 108		
	01.85-	110508	14 78		
	01.88- 01.90	111220	14 105		
Electra 3.8 Ultra	01.89-	110492	14 108		
	01.89-	111220	14 105		
Electra 4.1 Limited	01.80- 01.84	110505	14 75		
Electra 4.1 Park Avenue	01.80- 01.84	110505	14 75		
Electra 4.3 300	01.85-	110492	14 108		
	01.85-	110505	14 75		
	01.85-	110508	14 78		
	01.85-	110471	14 94		
Electra 4.3 Park Avenue	01.85-	110492	14 108		
	01.85-	110505	14 75		
	01.85-	110508	14 78		
	01.85-	110471	14 94		
Electra 4.9	01.80-	110505	14 75		
Electra 5.0	01.84- 01.89	110492	14 108		
	01.81- 01.83	110505	14 75		
	01.84- 01.89	110508	14 78		
	01.84- 01.89	110471	14 94		
Electra 5.0 Limited	01.81- 01.83	110505	14 75		
	01.84-	110508	14 78		
	01.84-	110471	14 94		
	01.91- 01.93	112629	14 100/105		
Electra 5.0 Park Avenue	01.81- 01.83	110505	14 75		
	01.84-	110508	14 78		
	01.84-	110471	14 94		
	01.91- 01.93	112629	14 100/105		
Electra 5.7	01.80- 01.83	110505	14 75		
	01.84- 01.85	110508	14 78		
	01.84- 01.85	110471	14 94		
Electra 5.7 Limited	01.80- 01.83	110505	14 75		
Electra 5.7 Park Avenue	01.80- 01.82	110505	14 75		
	01.83-	110508	14 78		
	01.83-	110471	14 94		
	01.91- 01.93	112629	14 100/105		
Electra 5.7	01.80-	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Electra 5.7 225	01.77-	110233	14 63		
	01.77-	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Electra 5.7 225 Limited	01.77-	110233	14 63		
	01.77-	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Electra 5.7 Limited	01.78- 01.80	110233	14 63		
	01.78- 01.80	110505	14 75		
Electra 5.7 Park Avenue	01.78- 01.80	110233	14 63		
	01.78- 01.80	110505	14 75		
	01.91- 01.93	112629	14 100/105		
Electra 6.6	01.62- 01.66	110075	14 60		
Electra 6.6 225	01.77- 01.79	110505	14 75		
Electra 6.6 225 Limited	01.77-	110505	14 75		
Electra 6.6 Limited	01.78- 01.79	110505	14 75		
Electra 6.6 Park Avenue	01.78- 01.79	110505	14 75		
Electra 7.0	01.67- 01.67	110075	14 60		
Electra 7.0 225	01.68- 01.69	110075	14 60		


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Electra 7.0 225 Custom	01.68- 01.69	110075	14	60		
Electra 7.5	01.73- 01.73	110233	14	63		
	01.73- 01.73	110505	14	75		
Electra 7.5 225	01.70- 01.71	110075	14	60		
	01.72- 01.74	110233	14	63		
	01.72- 01.74	110505	14	75		
Electra 7.5 225 Custom	01.70- 01.71	110075	14	60		
	01.72- 01.75	110233	14	63		
	01.72- 01.75	110505	14	75		
Electra 7.5 225 Limited	01.74- 01.75	110233	14	63		
	01.74- 01.75	110505	14	75		
Electra 7.5 Limited	01.76-	110233	14	63		
	01.76-	110505	14	75		
Estate Wagon 5.7	01.70-	110075	14	60		
	01.72-	110233	14	63		
	01.72-	110505	14	75		
	01.91- 01.93	112629	14	100/105		
Estate Wagon 6.6	01.77- 01.79	110505	14	75		
Estate Wagon 7.5	01.70- 01.71	110075	14	60		
	01.72- 01.75	110233	14	63		
	01.72- 01.75	110505	14	75		
Gran Fury 5.6	01.67- 01.67	110075	14	60		
Gran Fury 6.6	01.65- 01.67	110075	14	60		
GS 5.7	01.72- 01.72	110233	14	63		
	01.72- 01.72	110505	14	75		
	01.70- 01.71	110075	14	60		
GS 350 5.7	01.68- 01.69	110075	14	60		
GS 400 6.6	01.68- 01.69	110075	14	60		
GS 455 7.5	01.70- 01.70	110075	14	60		
Invicta 6.6	01.62- 01.63	110075	14	60		
Lesabre 3.0 Custom	01.86- 01.86	110492	14	108		
Lesabre 3.8	01.87- 01.88	110492	14	108		
	01.76- 01.77	110505	14	75		
	01.87- 01.87	110508	14	78		
	01.88- 01.91	111220	14	105		
Lesabre 3.8 Custom	01.86- 01.88	110492	14	108		
	01.82- 01.85	110505	14	75		
	01.86- 01.87	110508	14	78		
	01.92- 01.95	111220	14	105		
Lesabre 3.8 Limited	01.86- 01.88	110492	14	108		
	01.79- 01.85	110505	14	75		
	01.86- 01.87	110508	14	78		
	01.92- 01.95	111220	14	105		
Lesabre 3.8 Turbo Sport	01.78- 01.80	110505	14	75		
Lesabre 4.1	01.80- 01.81	110505	14	75		
Lesabre 4.1 Custom	01.82- 01.84	110505	14	75		
	01.83- 01.84	110508	14	78		
Lesabre 4.1 Limited	01.80- 01.84	110505	14	75		
	01.83- 01.84	110508	14	78		
Lesabre 4.4 Custom	01.82- 01.82	110505	14	75		
Lesabre 4.4 Limited	01.82- 01.82	110505	14	75		
Lesabre 4.9	01.80-	110505	14	75		
	01.65- 01.65	110075	14	60	01.65- 01.65	110414 12
Lesabre 4.9 Custom	01.77- 01.78	110505	14	75		
Lesabre 4.9 Limited	01.80-	110505	14	75		
Lesabre 5.0	01.85- 01.90	110492	14	108		
	01.81-	110505	14	75		
	01.85- 01.90	110508	14	78		
	01.85- 01.90	110471	14	94		
	01.91- 01.93	112629	14	100/105		
Lesabre 5.0 Custom	01.85- 01.85	110492	14	108		
	01.82- 01.83	110505	14	75		
	01.84- 01.85	110508	14	78		
	01.84- 01.85	110471	14	94		
	01.91- 01.93	112629	14	100/105		
Lesabre 5.0 Limited	01.85- 01.85	110492	14	108		
	01.81- 01.83	110505	14	75		
	01.84- 01.85	110508	14	78		
	01.84- 01.85	110471	14	94		
Lesabre 5.6	01.66- 01.67	110075	14	60	01.66- 01.67	110414 12
Lesabre 5.7	01.85- 01.85	110492	14	108		
	01.80- 01.81	110505	14	75		
	01.83- 01.83	110508	14	78		
	01.85-	110471	14	94		
	01.91- 01.93	112629	14	100/105		
Lesabre 5.7 Custom	01.85- 01.85	110492	14	108		
	01.82- 01.83	110505	14	75		
	01.84- 01.85	110508	14	78		
	01.84- 01.85	110471	14	94		
Lesabre 5.7 Limited	01.85- 01.85	110492	14	108		
	01.80- 01.83	110505	14	75		
	01.84- 01.85	110508	14	78		
	01.84- 01.85	110471	14	94		
Lesabre 5.7	01.78- 01.80	110233	14	63		
	01.80-	110505	14	75		
	01.68- 01.71	110075	14	60		
	01.91- 01.93	112629	14	100/105		
Lesabre 5.7 Custom	01.78-	110233	14	63		
	01.77-	110505	14	75		
	01.68- 01.71	110075	14	60		
	01.91- 01.93	112629	14	100/105		
Lesabre 5.7 Limited	01.79- 01.80	110233	14	63		
	01.79- 01.80	110505	14	75		
Lesabre 5.7 Luxus	01.74-	110233	14	63		
	01.74-	110505	14	75		
	01.91- 01.93	112629	14	100/105		
Lesabre 6.6	01.77- 01.78	110505	14	75		
	01.63- 01.64	110075	14	60	01.63- 01.64	110216 12 1.4



Lesabre 6.6 Custom	01.75-	110233	14	63			
	01.77- 01.78	110505	14	75			
	01.75-	110075	14	60			
Lesabre 7.0	01.64- 01.64	110075	14	60	01.64- 01.64	110216	12 1.4
Lesabre 7.5	01.73- 01.74	110233	14	63			
	01.73- 01.74	110505	14	75			
	01.70- 01.71	110075	14	60			
Lesabre 7.5 Custom	01.76-	110233	14	63			
	01.72- 01.75	110505	14	75			
	01.70- 01.71	110075	14	60			
Lesabre 7.5 Luxus	01.74-	110233	14	63			
	01.74-	110505	14	75			
Park Avenue 3.8	01.91-	111220	14	105			
Park Avenue 3.8 Ultra	01.91-	111220	14	105			
Park Avenue 3.8 Super Ultra	01.91- 01.91	111220	14	105			
Raider 4.2					01.04- 01.04	112905	12 1.6
Raider 5.3	01.04- 01.04	112853	14	130	01.04- 01.04	112902	12 1.2
Reatta 3.8	01.83- 01.85	110508	14	78			
	01.84- 01.86	110471	14	94			
	01.78- 01.79	110505	14	75			
Regal 3.2	01.78- 01.79	110505	14	75			
Regal 3.2 Limited	01.78- 01.79	110505	14	75			
Regal 3.8	01.79-	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.84- 01.87	110471	14	94			
Regal 3.8 Custom	01.90- 01.95	111220	14	105			
	01.96-	112615	14	105			
Regal 3.8 Gran Sport	01.92- 01.95	111220	14	105			
	01.96-	112615	14	105			
Regal 3.8 Limited	01.78- 01.87	110505	14	75			
	01.90- 01.95	111220	14	105			
	01.96-	112615	14	105			
Regal 3.8 Turbo Grand National	01.85- 01.85	110508	14	78			
	01.85- 01.85	110471	14	94			
Regal 3.8 Turbo Limited	01.87- 01.87	110508	14	78			
	01.87- 01.87	110471	14	94			
Regal 3.8 Turbo Sport	01.78- 01.82	110505	14	75			
Regal 3.8 Turbo T-Type	01.83- 01.83	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83-	110471	14	94			
Regal 4.1	01.82- 01.84	110505	14	75			
	01.83- 01.84	110508	14	78			
Regal 4.1 Limited	01.82- 01.83	110502	14	100/105	01.82- 01.83	110414	12
	01.82- 01.84	110505	14	75			
	01.82- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
Regal 4.3	01.82- 01.83	110505	14	75			
	01.84- 01.84	110508	14	78			
Regal 4.3 Limited	01.84-	110471	14	94			
	01.83- 01.83	110508	14	78			
Regal 4.3	01.83- 01.83	110471	14	94			
	01.80- 01.81	110505	14	75			
Regal 4.3 Limited	01.80- 01.81	110505	14	75			
Regal 4.4	01.82- 01.82	110502	14	100/105	01.82- 01.82	110414	12
	01.82- 01.82	110505	14	75	01.82- 01.82	110216	12 1.4
	01.82- 01.82	110508	14	78			
Regal 4.4 Limited	01.82- 01.82	110502	14	100/105	01.82- 01.82	110414	12
	01.82- 01.82	110505	14	75	01.82- 01.82	110216	12 1.4
	01.82- 01.82	110508	14	78			
Regal 4.9	01.79- 01.80	110505	14	75			
Regal 4.9 Limited	01.79- 01.80	110505	14	75			
Regal 5.0	01.82- 01.82	110502	14	100/105	01.82- 01.82	110414	12
	01.82- 01.83	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83-	110471	14	94			
Regal 5.0 Limited	01.91- 01.93	112629	14	100/105			
	01.83- 01.83	110502	14	100/105	01.83- 01.83	110414	12
	01.83-	110505	14	75			
	01.87- 01.87	110508	14	78			
	01.87- 01.87	110471	14	94			
Regal 5.7	01.91- 01.93	112629	14	100/105			
	01.82- 01.83	110505	14	75			
	01.83- 01.87	110508	14	78			
	01.84- 01.87	110471	14	94			
Regal 5.7 Limited	01.91- 01.93	112629	14	100/105			
	01.81- 01.83	110505	14	75			
	01.83- 01.83	110508	14	78			
Regal 5.7	01.83- 01.83	110471	14	94			
	01.73- 01.76	110233	14	63	01.73- 01.76	110414	12
	01.73- 01.76	110505	14	75			
	01.91- 01.93	112629	14	100/105			
Regal 7.5	01.73- 01.74	110233	14	63	01.73- 01.74	110414	12
	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12 1.4
Riviera 3.8	01.86- 01.86	110471	14	94			
Riviera 3.8 T-Type	01.86- 01.86	110471	14	94			
Riviera 3.8 Turbo	01.80-	110505	14	75			
	01.84- 01.85	110471	14	94			
Riviera 3.8 Turbo S	01.79- 01.80	110505	14	75			
Riviera 3.8 Turbo T-Type	01.83- 01.83	110508	14	78			
	01.84- 01.85	110471	14	94			
Riviera 5.0	01.83- 01.85	110508	14	78			
Riviera 5.0 S	01.91- 01.93	112629	14	100/105			
Riviera 5.0 T-Type	01.91- 01.93	112629	14	100/105			
Riviera 5.7	01.83- 01.85	110508	14	78			
Riviera 5.7	01.77-	110233	14	63			
	01.77-	110505	14	75			
	01.91- 01.93	112629	14	100/105			
	01.79- 01.80	110505	14	75			
Riviera 5.7 S	01.77- 01.78	110505	14	75			
Riviera 6.6	01.63- 01.65	110075	14	60			
	01.67- 01.67	110075	14	60			
Riviera 7.0	01.67- 01.67	110075	14	60			


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Riviera 7.5	01.76-	110233	14	63				
	01.70- 01.71	110505	14	75				
Roadmaster 5.0	01.91- 01.92	110500	14	100/105	01.91- 01.92	110216	12	1.4
	01.91- 01.93	112629	14	100/105	01.91- 01.93	112897	12	1.7
	01.91-	112640	14	100/105				
Roadmaster 5.7	01.92- 01.93	110500	14	100/105	01.92- 01.93	110216	12	1.4
					01.92- 01.93	112897	12	1.7
	01.91- 01.93	112629	14	100/105				
	01.92- 01.93	112640	14	100/105				
Roadmaster 5.7 Limited	01.92- 01.93	110500	14	100/105	01.92- 01.93	112897	12	1.7
	01.91- 01.93	112629	14	100/105				
	01.92- 01.93	112640	14	100/105				
Skyhawk 1.8 Custom	01.82-	110505	14	75				
	01.83- 01.86	110508	14	78				
	01.83- 01.86	110471	14	94				
Skyhawk 1.8 Limited	01.82-	110505	14	75				
	01.83- 01.86	110508	14	78				
	01.83- 01.86	110471	14	94				
Skyhawk 1.8 Sport	01.86-	110508	14	78				
	01.86-	110471	14	94				
Skyhawk 1.8 T-Type	01.83- 01.86	110508	14	78				
	01.83- 01.86	110471	14	94				
Skyhawk 1.8 Turbo Custom	01.84-	110508	14	78				
	01.84-	110471	14	94				
Skyhawk 1.8 Turbo T-Type	01.84- 01.86	110508	14	78				
	01.84- 01.86	110471	14	94				
Skyhawk 2.0 Custom	01.83-	110492	14	108				
	01.83- 01.83	110505	14	75				
Skyhawk 2.0 Limited	01.83-	110492	14	108				
	01.83- 01.83	110505	14	75				
Skyhawk 2.0 Sport	01.86- 01.86	110508	14	78				
Skyhawk 3.8	01.75- 01.77	110505	14	75				
Skyhawk 3.8 S	01.76- 01.77	110505	14	75				
Skyhawk 2.3	01.91- 01.91	110499	14	100/105				
Skyhawk 2.3 Custom	01.88- 01.95	110499	14	100/105				
Skyhawk 2.3 Gran Sport	01.90- 01.95	110499	14	100/105				
Skyhawk 2.3 Limited	01.88- 01.95	110499	14	100/105				
Skyhawk 2.3 Luxury Edition	01.90- 01.91	110499	14	100/105				
Skyhawk 2.5	01.80- 01.81	110502	14	100/105				
	01.80- 01.81	110505	14	75				
	01.82- 01.82	110508	14	78				
	01.90- 01.91	110984	14	100/105				
Skyhawk 2.5 Custom	01.85- 01.87	110492	14	108				
	01.83- 01.83	110502	14	100/105				
	01.83- 01.83	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83- 01.83	110471	14	94				
	01.88- 01.88	110984	14	100/105				
Skyhawk 2.5 Gran Sport	01.90- 01.91	110984	14	100/105				
Skyhawk 2.5 Limited	01.86- 01.87	110492	14	108				
	01.80- 01.81	110502	14	100/105				
	01.80- 01.81	110505	14	75				
	01.82- 01.82	110508	14	78				
	AC 01.82- 01.85	110471	14	94				
	01.88- 01.89	110984	14	100/105				
Skyhawk 2.5 Luxury Edition	01.90- 01.91	110984	14	100/105				
Skyhawk 2.5 Sport	01.80- 01.81	110502	14	100/105				
	01.80- 01.81	110505	14	75				
	01.82- 01.82	110508	14	78				
Skyhawk 2.8	01.80-	110505	14	75				
Skyhawk 2.8 Custom	01.83- 01.85	110505	14	75				
	01.83- 01.85	110508	14	78				
	01.83- 01.85	110471	14	94				
Skyhawk 2.8 Limited	01.80-	110505	14	75				
	AC 01.83- 01.84	110508	14	78				
	AC 01.83- 01.85	110471	14	94				
Skyhawk 2.8 Sport	01.80-	110505	14	75				
Skyhawk 2.8 T-Type	01.83- 01.84	110505	14	75				
	01.83- 01.84	110508	14	78				
	01.83- 01.84	110471	14	94				
Skyhawk 3.0 Custom	01.87- 01.88	110502	14	100/105				
Skyhawk 3.0 Limited	01.87- 01.88	110502	14	100/105				
Skyhawk 3.2	01.62- 01.63	110075	14	60	01.62- 01.63	110216	12	1.4
Skyhawk 3.5	01.61- 01.63	110075	14	60	01.61- 01.63	110216	12	1.4
Skyhawk 3.7	01.64- 01.67	110075	14	60	01.64- 01.67	110216	12	1.4
Skyhawk 3.8	01.78- 01.79	110502	14	100/105				
	01.75- 01.77	110505	14	75				
	01.78- 01.79	110508	14	78				
Skyhawk 3.8 Custom	01.78- 01.79	110502	14	100/105				
	01.78- 01.79	110505	14	75				
	01.78- 01.79	110508	14	78				
Skyhawk 3.8 S	01.78- 01.79	110502	14	100/105				
	01.75- 01.77	110505	14	75				
	01.78- 01.79	110508	14	78				
Skyhawk 3.8 SR	01.75- 01.77	110502	14	100/105				
	01.75- 01.77	110505	14	75				
	01.75- 01.77	110508	14	78				
Skyhawk 4.1	01.66- 01.71	110075	14	60	01.66- 01.71	110216	12	1.4
Skyhawk 4.3	01.75- 01.76	110502	14	100/105				
	01.75- 01.76	110505	14	75				
	01.75- 01.76	110508	14	78				
Skyhawk 4.3 S	01.76- 01.76	110502	14	100/105				
	01.76-	110505	14	75				
	01.76- 01.76	110508	14	78				
Skyhawk 4.3 SR	01.75- 01.76	110502	14	100/105				
	01.75- 01.76	110505	14	75				
	01.75- 01.76	110508	14	78				
Skyhawk 4.9	01.64- 01.67	110075	14	60	01.64- 01.67	110216	12	1.4
	01.77-	110505	14	75				
	01.77- 01.77	110508	14	78				



Skylark 4.9 S	01.77-	110505	14	75			
Skylark 4.9 SR	01.77-	110505	14	75			
	01.77- 01.77	110508	14	78			
Skylark 5.0	01.77- 01.78	110502	14	100/105			
	01.77- 01.78	110505	14	75			
	01.77- 01.78	110508	14	78			
	01.91- 01.93	112629	14	100/105			
Skylark 5.0 Custom	01.78- 01.78	110502	14	100/105			
	01.78-	110505	14	75			
	01.78- 01.78	110508	14	78			
	01.91- 01.93	112629	14	100/105			
Skylark 5.0 S	01.77- 01.80	110502	14	100/105			
	01.77- 01.86	110505	14	75			
	01.77- 01.80	110508	14	78			
	01.91- 01.93	112629	14	100/105			
Skylark 5.0 SR	01.77- 01.77	110502	14	100/105			
	01.77-	110505	14	75			
	01.77- 01.77	110508	14	78			
	01.91- 01.93	112629	14	100/105			
Skylark 5.6	01.66- 01.67	110075	14	60	01.66- 01.67	110216	12 1.4
Skylark 5.7	01.68- 01.71	110075	14	60	01.68- 01.71	110216	12 1.4
	01.72- 01.76	110233	14	63			
	01.77- 01.79	110502	14	100/105			
	01.72- 01.76	110505	14	75			
	01.72- 01.85	110508	14	78			
	01.91- 01.93	112629	14	100/105			
Skylark 5.7 Custom	01.68- 01.71	110075	14	60	01.68- 01.71	110216	12 1.4
	01.72-	110233	14	63			
	01.78- 01.79	110502	14	100/105			
	01.72- 01.72	110505	14	75			
	01.78- 01.79	110508	14	78			
	01.91- 01.93	112629	14	100/105			
Skylark 5.7 S	01.76-	110233	14	63			
	01.77- 01.77	110502	14	100/105			
	01.76- 01.76	110505	14	75			
	01.76- 01.76	110508	14	78			
	01.91- 01.93	112629	14	100/105			
Skylark 5.7 SR	01.75- 01.76	110233	14	63			
	01.77- 01.77	110502	14	100/105			
	01.75- 01.76	110505	14	75			
	01.75- 01.76	110508	14	78			
	01.91- 01.93	112629	14	100/105			
Skylark 6.6	01.65- 01.67	110075	14	60	01.65- 01.67	110216	12 1.4
Skylark 6.6 Custom	01.68-	110075	14	60	01.68-	110216	12 1.4
Skylark 7.5	01.72-	110233	14	63			
	01.72-	110505	14	75			
Skylark 7.5 Custom	01.70-	110075	14	60	01.70-	110216	12 1.4
	01.72-	110233	14	63			
	01.72- 01.72	110505	14	75			
Somerset 2.5	01.86- 01.87	110502	14	100/105			
Somerset 2.5 Limited	01.86- 01.87	110502	14	100/105			
Somerset 2.5 Regal	01.85- 01.85	110505	14	75			
	01.85- 01.85	110508	14	78			
	01.85-	110471	14	94			
Somerset 2.5 Regal Limited	01.85- 01.85	110505	14	75			
	01.85- 01.85	110508	14	78			
	01.85-	110471	14	94			
Somerset 2.5 T-Type	01.86- 01.86	110502	14	100/105			
Somerset 3.0	01.86-	110502	14	100/105			
	01.86- 01.86	110505	14	75			
Somerset 3.0 Limited	01.86-	110502	14	100/105			
	01.86- 01.86	110505	14	75			
Somerset 3.0 Regal	01.85-	110492	14	108			
	01.85- 01.85	110502	14	100/105			
	01.85- 01.85	110505	14	75			
	01.85-	110471	14	94			
Somerset 3.0 Regal Limited	01.85-	110492	14	108			
	01.85- 01.85	110505	14	75			
	01.85- 01.85	110508	14	78			
	01.85-	110471	14	94			
Somerset 3.0 T-Type	01.86-	110502	14	100/105			
Special 3.2	01.63- 01.63	110075	14	60			
Special 3.5	01.62- 01.63	110075	14	60			
Special 3.7	01.64- 01.67	110075	14	60			
Special 4.1	01.68- 01.69	110075	14	60			
Special 4.9	01.64- 01.67	110075	14	60			
Special 5.7	01.68- 01.69	110075	14	60			
Sportwagon 3.7	01.64- 01.65	110075	14	60			
Sportwagon 4.9	01.64- 01.65	110075	14	60			
Sportwagon 5.6	01.67- 01.67	110075	14	60			
Sportwagon 5.7	01.68- 01.71	110075	14	60			
	01.72-	110233	14	63			
	01.72-	110505	14	75			
	01.91- 01.93	112629	14	100/105			
Sportwagon 6.6	01.68- 01.68	110075	14	60			
Sportwagon 7.5	01.70-	110075	14	60			
Wildcat 6.6	01.63- 01.66	110075	14	60			
Wildcat 7.0	01.68- 01.69	110075	14	60			
Wildcat 7.0 Custom	01.68- 01.69	110075	14	60			
Wildcat 7.5 Custom	01.70-	110075	14	60			
PASSENGER CARS AO							
Roadmaster 5.0	[LG2]				01.89- 12.95	112897	12 1.7
BUKH							
MARINE							
2G105		111397	14	50			
3G105		111397	14	50			
4K105		111397	14	50			
6K105		111397	14	50			
DV10		111397	14	50			
DV10ME		111397	14	50			



BUKH Continued

DV10SME			111397	14	50				
DV20			111397	14	50				
DV20ME			111397	14	50				
DV20SME			111397	14	50				
DV36			111397	14	50				
DV36ME			111397	14	50				
DV36SME			111397	14	50				
DV48ME			111397	14	50				
Various Models			113631	14	90	113307	12	1.2	
			111397	14	50	111398	12	1.2	
Cadillac									
PASSENGER CARS EU									
BLS 1.9 Diesel	[Z19DTH]	04.06-	114284	14	130	04.06-	113931	12	1.7
BLS 2.8 Turbo	[Z28NET]					12.07-	115745	12	2.2
BLS 2.8 Turbo AWD	[Z28NET]					10.08-	115745	12	2.2
Commercial 5.7							112897	12	1.7
Escalade 5.8	[LO5]					10.98-	112240	12	1.7
SRX 2.8 AWD	[LAU]	01.09-	116665	14	150				
PASSENGER CARS US									
Calais 7.0		01.65- 01.67	110075	14	60				
Calais 7.7		01.68- 01.71	110075	14	60				
		01.72- 01.74	110233	14	63				
		01.72- 01.74	110505	14	75				
Calais 8.2		01.75- 01.76	110233	14	63				
		01.75- 01.76	110505	14	75				
Cimarron 2.8		01.85- 01.88	110471	14	94				
Commercial Chassis 6.0		01.80-	110233	14	63				
		01.84-	110499	14	100/105				
Commercial Chassis 7.0		01.79-	110233	14	63				
		01.79-	110937	14	200				
Commercial Chassis 8.2		01.76-	110233	14	63				
		01.76-	110937	14	200				
Deville 4.1		01.80- 01.81	110233	14	63				
		01.80- 01.81	110499	14	100/105				
		01.80- 01.81	110505	14	75				
Deville 4.3		01.85-	110505	14	75				
		01.85-	110471	14	94				
Deville 5.4		01.53- 01.55	110505	14	75				
Deville 6.0		01.80-	110233	14	63				
		01.80-	110499	14	100/105				
		01.80-	110505	14	75				
Deville 6.4		01.61- 01.63	110075	14	60				
		01.59- 01.60	110505	14	75				
Deville 7.0		01.65- 01.67	110075	14	60				
		01.77- 01.79	110233	14	63				
		01.77- 01.79	110505	14	75				
Deville 7.7		01.68- 01.71	110075	14	60				
		01.72- 01.74	110233	14	63				
		01.72- 01.74	110505	14	75				
Deville 8.2		01.74- 01.76	110233	14	63				
		01.74- 01.76	110505	14	75				
Eldorado 4.1		01.82- 01.85	110499	14	100/105				
		01.82- 01.85	110508	14	78				
Eldorado 4.1 Biarritz		01.84- 01.85	110499	14	100/105				
		01.84- 01.85	110508	14	78				
Eldorado 5.4		01.53- 01.55	110505	14	75				
Eldorado 5.7		01.80-	110499	14	100/105				
		01.91- 01.92	112629	14	100/105				
Eldorado 6.0		01.56- 01.58	110505	14	75				
Eldorado 6.4		01.61- 01.63	110075	14	60	01.61- 01.63	110216	12	1.4
		01.59- 01.60	110505	14	75				
Eldorado 7.0		01.64- 01.67	110075	14	60	01.64- 01.67	110216	12	1.4
		01.77- 01.78	110233	14	63				
		01.77- 01.78	110505	14	75				
Eldorado 7.7		01.68- 01.69	110075	14	60	01.68- 01.69	110216	12	1.4
Eldorado 8.2		01.70- 01.71	110075	14	60	01.70- 01.71	110216	12	1.4
		01.72- 01.76	110233	14	63				
		01.72- 01.76	110505	14	75				
Escalade 6.0		01.02- 01.02	112850	14	105	01.02- 01.02	112902	12	1.2
		01.02- 01.02	112853	14	130	01.02- 01.02	112906	12	1.7
Escalade 6.0 ESV		01.03- 01.03	112853	14	130				
Escalade 6.0 EXT		01.02- 01.02	112850	14	105	01.02- 01.02	112240	12	1.7
		01.02- 01.02	112853	14	130	01.02- 01.02	112906	12	1.7
Fleetwood 4.1		01.85-	110499	14	100/105				
Fleetwood 4.1 Brougham		01.80- 01.81	110233	14	63				
		01.80- 01.81	110499	14	100/105				
		01.80- 01.81	110505	14	75				
Fleetwood 4.3		01.85-	110505	14	75				
		01.85-	110471	14	94				
Fleetwood 5.0 Brougham		01.86- 01.90	110471	14	94				
		01.91- 01.92	112629	14	100/105				
		01.91- 01.92	112640	14	100/105				
Fleetwood 5.7 Brougham		01.91- 01.92	112629	14	100/105				
Fleetwood 6.0		01.80-	110233	14	63				
		01.80-	110499	14	100/105				
		01.80-	110505	14	75				
Fleetwood 6.0 Brougham		01.80-	110233	14	63				
		01.80-	110499	14	100/105				
		01.80-	110505	14	75				
Fleetwood 6.0 Formal		01.80-	110233	14	63				
		01.80-	110499	14	100/105				
		01.80-	110505	14	75				
Fleetwood 7.0		01.77- 01.79	110233	14	63				
		01.77- 01.79	110505	14	75				
		01.65- 01.67	110075	14	60				
Fleetwood 7.0 Brougham		01.77- 01.79	110233	14	63				
		01.77- 01.79	110505	14	75				
		01.77- 01.79	110937	14	200				



Fleetwood 7.0 Formal		01.77- 01.79	110233	14	63			
		01.77- 01.79	110505	14	75			
		01.78-	110937	14	200			
Fleetwood 7.7		01.72- 01.74	110233	14	63			
		01.72- 01.74	110505	14	75			
		01.68- 01.71	110075	14	60	01.68- 01.71	110216	12 1.4
Fleetwood 7.7 60 Special		01.68- 01.71	110937	14	200			
		01.72- 01.74	110233	14	63			
		01.72- 01.74	110505	14	75			
Fleetwood 7.7 75		01.68- 01.71	110075	14	60			
		01.68- 01.71	110937	14	200			
		01.72- 01.74	110233	14	63			
Fleetwood 7.7 Brougham		01.72- 01.74	110505	14	75			
		01.68- 01.71	110075	14	60			
		01.68- 01.71	110937	14	200			
Fleetwood 8.2		01.68- 01.70	110075	14	60			
		01.76-	110233	14	63			
		01.76-	110505	14	75			
Fleetwood 8.2 60 Special		01.76-	110937	14	200			
		01.75- 01.76	110233	14	63			
		01.75- 01.76	110505	14	75			
Fleetwood 8.2 75		01.75- 01.76	110937	14	200			
		01.75- 01.76	110233	14	63			
		01.75- 01.76	110505	14	75			
Series 60 5.4 Fleetwood		01.75- 01.76	110937	14	200			
Series 60 6.0 Fleetwood		01.53- 01.55	110505	14	75			
Series 60 6.4 Fleetwood		01.56- 01.58	110505	14	75			
		01.59- 01.60	110505	14	75			
		01.61- 01.63	110075	14	60			
Series 60 7.0 Fleetwood		01.64- 01.64	110075	14	60			
Series 62 4.1		01.55- 01.55	110505	14	75			
Series 62 5.4		01.53- 01.55	110505	14	75			
Series 62 6.0		01.56- 01.58	110505	14	75			
Series 62 6.4		01.59- 01.60	110505	14	75			
		01.61- 01.63	110075	14	60			
Series 62 7.0		01.64- 01.64	110075	14	60			
Series 70 6.0 Fleetwood Eldorado		01.58- 01.58	110505	14	75			
Series 75 5.4 Fleetwood		01.53- 01.55	110505	14	75			
Series 75 6.0 Fleetwood		01.56- 01.58	110505	14	75			
Series 75 6.4 Fleetwood		01.61- 01.63	110075	14	60			
		01.59- 01.60	110505	14	75			
Series 75 7.0 Fleetwood		01.64- 01.64	110075	14	60			
Seville 4.1		01.82- 01.85	110499	14	100/105			
Seville 5.7		01.78- 01.85	110233	14	63			
		01.78- 01.85	110505	14	75			
Seville 5.7		01.80-	110499	14	100/105			
		01.91- 01.93	112629	14	100/105			
Carbodies								
PASSENGER CARS EU								
FI 2 2.5 Diesel	[25V]					01.85- 12.89	110464	12 2.1
FX4 2.5 Diesel	[25V]					09.85- 12.89	110464	12 2.1
Carraro								
INDUSTRY								
TIGRECAR GST 3200 Utility Vehicles	[3TNV76]		113742	14	40			
Carrier Transcold								
INDUSTRY								
EXTRA XT OPT. Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
Genesis TM1000	[CT4-134]	01.00-	116314	14	65	01.00-	114333	12 2.2
GENESIS TM1000 Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
Genesis TM800			114084	14	70			
Genesis TM900	[CT4-134]	01.00-	116314	14	65			
GENESIS TM900 Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
Genesis TR100	[CT4-134-TV]	01.00-	116314	14	65			
MAXIMA Refrigeration/AC Equipmen	[V1505-E]		113856	14	40		111021	12 1.4
POWERLINE RG15 GENERATOR SET Generator Sets	[V2203-DI]		110540	14	55		112489	12 2.7
POWERLINE UG15 GENERATOR SET Generator Sets	[V2203-DI]		110540	14	55		112489	12 2.7
RG 15 Generator Sets	[V2203-DI]		110540	14	55		112489	12 2.7
RG15 APU Generator Sets	[V2203-DI]		110540	14	55		112489	12 2.7
Supra			114084	14	70			
UG 15 Generator Sets	[V2203-DI]		110540	14	55		112489	12 2.7
UG15 APU Generator Sets	[V2203-DI]		110540	14	55		112489	12 2.7
ULTIMA 53 Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
ULTIMA XTC Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
ULTIMA XTC-RAIL Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
ULTRA XL STANDBY Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
ULTRA XL-FRANCE Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
ULTRA XT Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
ULTRA XT/XTC Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
ULTRA XTC Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
ULTRA XTC-RAIL Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
VECTOR Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
VECTOR 1800MT Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7
VECTOR 6500 Refrigeration/AC Equipmen	[V2203-DI]		110540	14	55		112489	12 2.7

**CARRIER TRANSICOLD Continued**

VECTOR 6600MT Refrigeration/AC Equipment	[V2203-DI]	110540	14	55	112489	12	2.7
X2 2100 Refrigeration/AC Equipment	[V2203-DI]	110540	14	55	112489	12	2.7
X2 2100A Refrigeration/AC Equipment	[V2203-DI]	110540	14	55	112489	12	2.7
X2 2100R (RAIL) Refrigeration/AC Equipment	[V2203-DI]	110540	14	55	112489	12	2.7
X2 2500A Refrigeration/AC Equipment	[V2203-DI]	110540	14	55	112489	12	2.7
X2 2500R (RAIL) Refrigeration/AC Equipment	[V2203-DI]	110540	14	55	112489	12	2.7
MOTORS							
500	[CT4-114]				110940	12	1.4
PLUS	[CT4-114]				110938	12	1.4
Various Models					110938	12	1.4
					110604	12	2.8
					111299	12	1.4
Case							
FORK LIFTS							
584 Rough Terrain Forklifts	[4B3.9]	111888	14	65	113725	12	2.5
860 Cranes	[4B3.9]	111888	14	65	113725	12	2.5
585E Rough Terrain Forklifts	[4B3.9]	111888	14	65	113725	12	2.5
585G Rough Terrain Forklifts	[4B3.9]	111888	14	65	113725	12	2.5
586E Rough Terrain Forklifts	[4B3.9]	111888	14	65	113725	12	2.5
586G Rough Terrain Forklifts	[4B3.9]	111888	14	65	113725	12	2.5
588G Rough Terrain Forklifts	[4B3.9]	111888	14	65	113725	12	2.5
A 30 Forklifts	[BSD444]				110462	12	2.8
					110813	12	2.7
A 40 Forklifts	[BSD444]				110462	12	2.8
					110813	12	2.7
INDUSTRY							
450 Crawlers	[4B3.9]	111888	14	65	113725	12	2.5
460 Trenchers	[V1505-E]	113856	14	40	111021	12	1.4
480 Tractor/Loader/Backhoes	[4B3.9]	111888	14	65	113725	12	2.5
488 Excavators	[4B3.9]	111888	14	65	113725	12	2.5
545 Tractor/Loader/Backhoes	[4B3.9]	111888	14	65	113725	12	2.5
560 Trenchers	[V2203-DI]	110540	14	55	112489	12	2.7
580 Tractor/Loader/Backhoes	[4B3.9]	111888	14	65	113725	12	2.5
660 Trenchers	[4B3.9]	111888	14	65	113725	12	2.5
888 Excavators	[6BT5.9]	111843	14	95			
988 Excavators	[6BT5.9]	111843	14	95			
1188 Excavators	[6BT5.9]	111843	14	95			
1838 Skid Steer Loaders	[V2203-DI]	110540	14	55	112489	12	2.7
1840 Skid Steer Loaders	[4B3.9]	111888	14	65	113725	12	2.5
1150K	[668TA-M2]				114695	24	7.5
1825B Skid Steer Loaders	[V1505-E]	113856	14	40	111021	12	1.4
1845C Skid Steer Loaders	[4B3.9]	111888	14	65	113725	12	2.5
3.21 Tractor/Loader/Backhoes	[6BTA5.9]	111843	14	95			
40XT Skid Steer Loaders	[4B3.9]	111888	14	65	113725	12	2.5
521D Wheel Loaders and Dozers	[4B3.9]	111888	14	65	113725	12	2.5
550 G SERIES Crawlers	[4B3.9]	111888	14	65	113725	12	2.5
550 H SERIES Crawlers	[4B3.9]	111888	14	65	113725	12	2.5
570 MXT Other Industrial Equipment	[4B3.9]	111888	14	65	113725	12	2.5
570L XT Other Industrial Equipment	[4B3.9]	111888	14	65	113725	12	2.5
580 L SRS Tractor/Loader/Backhoes	[4B3.9]	111888	14	65	113725	12	2.5
580L Tractor/Loader/Backhoes	[4B3.9]	111888	14	65	113725	12	2.5
580M Tractor/Loader/Backhoes	[4B3.9]	111888	14	65	113725	12	2.5
580SK Tractor/Loader/Backhoes	[4B3.9]	111888	14	65	113725	12	2.5
60XT Skid Steer Loaders	[4B3.9]	111888	14	65	113725	12	2.5
621D	[668TA-M2]				114695	24	7.5
686G Rough Terrain Forklifts	[4B3.9]	111888	14	65	113725	12	2.5
721D	[668TA-M2]				114695	24	7.5
75XT Skid Steer Loaders	[4B3.9]	111888	14	65	113725	12	2.5
836C SERIES Graders	[N67ENT]	114228	14	150	114002	12	4.2
850K	[668TA-M2]				114695	24	7.5
856C SERIES Graders	[N67ENT]	114228	14	150	114002	12	4.2
85XT Skid Steer Loaders	[4B3.9]	111888	14	65	113725	12	2.5
865B Graders	[N67ENT]	114228	14	150	114002	12	4.2
885B Graders	[N67ENT]	114228	14	150	114002	12	4.2
921F Wheel Loaders and Dozers	[N67ENT]	114228	14	150	114002	12	4.2
B100	01.73- 01.86	110178	14	36			
B115 Excavator	01.75- 01.84	110766	28	27			
B160 CL Excavator	06.76- 01.85	110766	28	27			
B165 Excavator	01.77- 01.82	110178	14	36			
B60 Excavator	03.76- 02.88	110766	28	27			
B75 Excavator	06.76- 02.88	110766	28	27			
B90 Excavator	03.75- 02.88	110766	28	27			
BTD 6 Crawler	01.72-	110178	14	36			
BTD 8 Crawler	01.72-	110178	14	36			
CASE 4390 Irrigation Sets	[4B3.9]	111888	14	65	113725	12	2.5
CK28 Excavators	[V1505-E]	113856	14	40	111021	12	1.4
CX17B	[MI Equipped]	114079	14	40	114696	12	1.2
CX17B Excavators	[L3E]	114079	14	40	114444	12	1.6
CX220C Excavators	[N67ENT]	114228	14	150	114002	12	4.2
CX27B Excavator	[3TNV82]				01.05- 114281	12	1.7
CX31B Excavator	[3TNV88]				01.05- 114281	12	1.7
EC 215 Excavators	[6BTA5.9]	111843	14	95			
EC 240 Excavators	[6BTA5.9]	111843	14	95			
F 106/A Graders	[6BT5.9]	111843	14	95	110512	24	5.4
	[BF4L913C]	113470	28	35			
F 156/A Graders	[BF6L913]	112098	14	65	113467	12	3.7
F 206/A Graders	[BF6L913C]	112098	14	65	113467	12	3.7
FH115W Excavators	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
JS200	[Isuzu 4HK1/ I4HK1T]	116481	28	50	114659	24	5.0
JS220	[Isuzu 4HK1/ I4HK1T]	116481	28	50	114659	24	5.0
L10.5 Wheel Loaders and Dozers	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
L15B Wheel Loaders and Dozers	[BF4L913]	113470	28	35	110512	24	5.4



L15PZ Wheel Loaders and Dozers	[BF4L913]	113470	28	35	110512	24	5.4	
L25B & C Wheel Loaders and Dozers	[BF6L913]	112098	14	65	113467	12	3.7	
L4B Wheel Loaders and Dozers	[F3L1011]	112183	14	60	112041	12	2.2	
		113991	14	80				
		114077	28	40				
LW780	[668TA-M2]				114695	24	7.5	
MAXI-SNEAKER C Trenchers	[V1505-E]	113856	14	40	111021	12	1.4	
MAXI-SNEAKER SERIES C Trenchers	[V1505-E]	113856	14	40	111021	12	1.4	
MH 2.8 Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0	
					112071	12	3.0	
MH 4 Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0	
					112071	12	3.0	
MH 4 PMS Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0	
					112071	12	3.0	
MH 4.5 Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0	
					112071	12	3.0	
MH 6 Excavators	[BF6L913]	112098	14	65	113467	12	3.7	
MH CITY Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0	
					112071	12	3.0	
MH PLUS Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0	
					112071	12	3.0	
MH S Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0	
					112071	12	3.0	
P215 Irrigation Sets	[N67ENT]	114228	14	150	114002	12	4.2	
RH 12 Excavators	[BF6L913]	112098	14	65	113467	12	3.7	
RH 16 Excavators	[BF6L913]	112098	14	65	113467	12	3.7	
RH 4 PMS Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0	
					112071	12	3.0	
RH 6 Excavators	[BF6L913]	112098	14	65	113467	12	3.7	
RH 6.5 Excavators	[6BTA5.9]	111843	14	95				
RH 8 Excavators	[BF6L913]	112098	14	65	113467	12	3.7	
RH 8.5 Excavators	[6BTA5.9]	111843	14	95				
RH 9 Excavators	[BF6L913]	112098	14	65	113467	12	3.7	
RH CITY Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0	
					112071	12	3.0	
RT460 Trenchers	[V1505-E]	113856	14	40	111021	12	1.4	
RT560 Trenchers	[V2203-DI]	110540	14	55	112489	12	2.7	
RT660 Trenchers	[4B3.9]	111888	14	65	113725	12	2.5	
T416 Off-Highway Trucks	[6BT5.9]	111843	14	95				
TD6 Crawler	01.73- 01.74	110178	14	36				
TD8 Crawler	01.73-	110178	14	36				
Various Models		114191	14	90				
		114759	14	55				
		116010	14	95				
	01.70- 01.92	110300	28	65	01.70- 01.92	114748	12	1.4
					01.70- 01.92	114224	12	2.7
		110801	28	45				
W SERIES Rollers	[4B3.9]	111888	14	65	113725	12	2.5	
W11B Wheel Loaders and Dozers	[4B3.9]	111888	14	65	113725	12	2.5	
W130	[668TA-M2]				114695	24	7.5	
W14	01.83- 01.92	110952	28	40	01.83- 01.92	112169	24	4.5
W18	01.83- 01.92	110952	28	40	01.83- 01.92	110999	24	
W24	01.83- 01.92	110952	28	40	01.83- 01.92	110999	24	
W30	01.83- 01.92	110952	28	40				
W36	01.83- 01.92	110952	28	40				
W600 SERIES Rollers	[4B3.9]	111888	14	65	113725	12	2.5	
W752 Rollers	[4B3.9]	111888	14	65	113725	12	2.5	
W852 Rollers	[4B3.9]	111888	14	65	113725	12	2.5	
W854 Rollers	[4B3.9]	111888	14	65	113725	12	2.5	
Case IH								
INDUSTRY								
621 Wheel Loaders and Dozers	[6BT5.9]	111843	14	95				
1155 Crawlers	[6BT5.9]	111843	14	95				
1085C WHEELED Excavators	[6BT5.9]	111843	14	95				
780C Tractor/Loader/Backhoes	[6BT5.9]	111843	14	95				
Caterpillar								
FORK LIFTS								
2C3000 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2	
2C3500 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2	
2C4000 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2C5000 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2C5500 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2C6000 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2C6500 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2CC4000 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2	
2P3000 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2	
2P3500 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2	
2P4000 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2P5000 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2P5500 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2P6000 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2P6500 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2P7000 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
2PC4000 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2	
2PD4000 Forklifts	[S4S]	113401	14	40	111272	12	2.2	
2PD5000 Forklifts	[S4S]	113401	14	40	111272	12	2.2	
2PD5500 Forklifts	[S4S]	113401	14	40	111272	12	2.2	
2PD6000 Forklifts	[S4S]	113401	14	40	111272	12	2.2	
2PD6500 Forklifts	[S4S]	113401	14	40	111272	12	2.2	
2PD7000 Forklifts	[S4S]	113401	14	40	111272	12	2.2	
C3000 C3500 & CC4000 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2	
C4000 C5000 C5500 C6000 & C6500 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2	
CAT P4000D - P7000D SERIES Forklifts	[S4S]	113401	14	40	111272	12	2.2	
DP15N Forklifts	[S4Q2]	113401	14	40				
DP18N Forklifts	[S4Q2]	113401	14	40				
DP20CN Forklifts	[S4Q2]	113401	14	40				
DP20K Forklifts	[S4S]	113401	14	40	111272	12	2.2	
DP20N Forklifts	[S4S]	113401	14	40	111272	12	2.2	



CATERPILLAR Continued

DP20NM MEXICO Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP25K Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP25N Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP25NM MEXICO Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP28NM MEXICO Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP30K Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP30N Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP30NM MEXICO Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP33NM MEXICO Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP35K Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP35N Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP35NM MEXICO Forklifts	[S4S]	113401	14	40	111272	12	2.2
DP40	[S6E/S6S]				114169	24	5.0
DP40K Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP40K DP40KL DP45K & DP50K Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP40N Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP40NM1 MEXICO Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP45K Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP45N Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP45NM1 MEXICO Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP50CN Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP50CNM1 MEXICO Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP50K Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP50N Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP50NM1 MEXICO Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP55N Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP55NM1 MEXICO Forklifts	[S6S]	116529	14	50	116536	12	3.0
DP70 Forklifts	[S6S]	116529	14	50	116536	12	3.0
GP15N Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
GP18N Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
GP20CN Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
GP20N Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
GP25N Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
	[K25(L)]	112069	14	50	114479	12	1.2
GP28N Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
GP30N Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
GP33N Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
GP35N Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
GP40K GP40KL GP45K GP45KL & GP50K Forklifts	[TB45E(L)]	116530	14	100			
GP40N Forklifts	[TB45E(L)]	116530	14	100			
GP45N Forklifts	[TB45E(L)]	116530	14	100			
GP50CN Forklifts	[TB45E(L)]	116530	14	100			
GP50N Forklifts	[TB45E(L)]	116530	14	100			
GP55N Forklifts	[TB45E(L)]	116530	14	100			
P10000 Forklifts	[TB45E(L)]	116530	14	100			
P11000 Forklifts	[TB45E(L)]	116530	14	100			
P12000 Forklifts	[TB45E(L)]	116530	14	100			
P3000 P3500 & P4000 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
P5000 P5500 P6000 P6500 & P7000 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
P8000 Forklifts	[TB45E(L)]	116530	14	100			
P9000 Forklifts	[TB45E(L)]	116530	14	100			
PD10000 Forklifts	[S6S]	116529	14	50	116536	12	3.0
PD11000 Forklifts	[S6S]	116529	14	50	116536	12	3.0
PD12000 Forklifts	[S6S]	116529	14	50	116536	12	3.0
PD8000 Forklifts	[S6S]	116529	14	50	116536	12	3.0
PD9000 Forklifts	[S6S]	116529	14	50	116536	12	3.0
V60E	[Perkins 4-236]				01.85- 01.91	113172	12 2.0
V80E	[Perkins 4-236]				01.85- 01.91	113172	12 2.0
MARINE							
3116		114351	14	200			
3126		114351	14	200			
3176		112294	28	110			
		112265	28	100			
3208		110801	28	45			
3304		113549	28	35			
		110591	28	75			
		110801	28	45			
3306		113549	28	35			
		110591	28	75			
		110801	28	45			
3406		113549	28	35			
		110591	28	75			
		110801	28	45			
3408		113549	28	35			
		110801	28	45			
3412		113549	28	35			
		110591	28	75			
		110801	28	45			
3508		110591	28	75			
		110801	28	45			
3512		110591	28	75			
		110801	28	45			
3516		110591	28	75			
		110801	28	45			
3176B		113549	28	35			
3176C		113549	28	35			
3196C		113549	28	35			
3406B		113549	28	35			
3406C		113549	28	35			
3508B-913-1115 3508B-913-1115	[3508TAE]	111261	28	50	111000	24	6.5
3508B-1200 3508B-1200	[3508TAE]	111261	28	50	111000	24	6.5
3508B-1300 3508B-1300	[3508TAE]	111261	28	50	111000	24	6.5
3508B-1400 3508B-1400	[3508TAE]	111261	28	50	111000	24	6.5
3508B-1500 3508B-1500	[3508TAE]	111261	28	50	111000	24	6.5
422GM 50 HZ Marine Auxiliary	[404D-22]	113763	14	85	115325	24	2.5
422GM 60 HZ Marine Auxiliary	[404D-22]	113763	14	85	115325	24	2.5
M92 Engine	[1104C-44]	114772	14	95	113654	12	3.0



M92B Engine	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
INDUSTRY							
320 Excavators	[3066T]	114683	28	80	114445	24	5.0
		115995	28	50			
		116164	28	50			
520 Forestry Equipment	[6BT5.9]	111843	14	95			
910 Wheel loader					114309	12	4.0
916 Wheel loader					114309	12	4.0
931 Track Loader	[3204]				114309	12	4.0
933 Crawlers	[3046]	114218	14	55			
2210 Forestry Equipment	[QSB6.7]	116317	28	70	114326	24	7.5
2280 Forestry Equipment	[QSB6.7]	116317	28	70	114326	24	7.5
2410 Forestry Equipment	[QSB6.7]	116317	28	70	114326	24	7.5
2414 Forestry Equipment	[QSB6.7]	116317	28	70	114326	24	7.5
2430 Forestry Equipment	[QSB6.7]	116317	28	70	114326	24	7.5
2432 Forestry Equipment	[QSB6.7]	116317	28	70	114326	24	7.5
2470 Forestry Equipment	[QSB6.7]	116317	28	70	114326	24	7.5
2570 Forestry Equipment	[QSB6.7]	116317	28	70	114326	24	7.5
2670 Forestry Equipment	[QSB6.7]	116317	28	70	114326	24	7.5
5130 Excavators	[3508TAE]	111261	28	50	111000	24	6.5
008 CR Excavators	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
010 CR Excavators	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
017 CR Excavators	[D902-E]	113921	14	40	113966	12	1.4
200 Serie Skid Steer Loader	[Perkins 3034]				115323	12	2.7
210E Forestry Equipment	[6BT5.9]	111843	14	95			
2384B Forestry Equipment	[QSB6.7]	116317	28	70	114326	24	7.5
248B	[3044T]	114902	14	90			
2664 SITE PREP MACHINE Forestry	[QSB6.7]	116317	28	70	114326	24	7.5
2764 SITE PREP MACHINE Forestry	[QSB6.7]	116317	28	70	114326	24	7.5
2864 SITE PREP MACHINE Forestry	[QSB6.7]	116317	28	70	114326	24	7.5
301.4C Excavators	[3TNV76]	113742	14	40			
301.6C Excavators	[L3E]	114079	14	40	114444	12	1.6
301.7D Excavators	[3TNV76]	113742	14	40			
301.7D CR Excavators	[3TNV76]	113742	14	40			
301.8C Excavators	[L3E]	114079	14	40	114444	12	1.6
302.2D Excavators	[3TNV76]	113742	14	40			
302.4D Excavators	[3TNV76]	113742	14	40			
302.5C Excavators	[S3L2]	114902	14	90	110933	12	1.4
302.7D CC Excavators	[3TNV76]	113742	14	40			
304E CR Excavators	[V2403-M-DI]	114751	14	44	111197	12	2.0
305.5E CR Excavators	[V2403-M-DI]	114751	14	44	111197	12	2.0
305E CR Excavators	[V2403-M-DI]	114751	14	44	111197	12	2.0
308E CR Excavators	[V3307-DI-T]	114807	14	60	114167	12	3.0
312D2 GC Excavators	[3054C]	114188	14	90	110941	12	2.5
312E Excavators	[C4.4T ACERT]	113967	14	120	114278	24	4.5
313D CR Excavators	[C4.4T ACERT]	113967	14	120	114278	24	4.5
313D2 LGP Excavators	[3054C]	114188	14	90	110941	12	2.5
314E CR & 314E LCR Excavators	[C4.4T ACERT]	113967	14	120	114278	24	4.5
314E SR Excavators	[C4.4T ACERT]	113967	14	120	114278	24	4.5
316E L Excavators	[C4.4T ACERT]	113967	14	120	114278	24	4.5
320B 320C 6.7	[3066T]	115995	28	50	114445	24	5.0
		116164	28	50			
320C SERIES Excavators	[3066T]	114683	28	80	114445	24	5.0
		115995	28	50			
		116164	28	50			
320D & 320D L Excavators	[C4.4T ACERT]	113967	14	120	114278	24	4.5
320D (SKD) Excavators	[C4.4T ACERT]	113967	14	120	114278	24	4.5
410E Forestry Equipment	[6BT5.9]	111843	14	95			
411E Forestry Equipment	[6BT5.9]	111843	14	95			
414E ILET3 Tractor/Loader/Backhoes	[3054C]	114188	14	90	110941	12	2.5
416D Tractor/Loader/Backhoes	[3054C]	114188	14	90	110941	12	2.5
416E Tractor/Loader/Backhoes	[3054C]	114188	14	90	110941	12	2.5
420D	[Perkins]	113967	14	120			
420E & 420E IT	[3054C]	114188	14	90	114278	24	4.5
	[C4.4T ACERT]	113967	14	120	110941	12	2.5
					114278	24	4.5
422E Tractor/Loader/Backhoes	[3054C]	114188	14	90	110941	12	2.5
428E Tractor/Loader/Backhoes	[3054C]	114188	14	90	110941	12	2.5
430E & 430E IT	[3054C]	114188	14	90	114278	24	4.5
	[C4.4T ACERT]	113967	14	120	110941	12	2.5
					114278	24	4.5
432E Tractor/Loader/Backhoes	[3054C]	114188	14	90	110941	12	2.5
434E Tractor/Loader/Backhoes	[3054C]	114188	14	90	110941	12	2.5
442E Tractor/Loader/Backhoes	[3054C]	114188	14	90	110941	12	2.5
444E Tractor/Loader/Backhoes	[3054C]	114188	14	90	110941	12	2.5
511E Forestry Equipment	[6BT5.9]	111843	14	95			
611E Forestry Equipment	[6BT5.9]	111843	14	95			
621E Forestry Equipment	[6BT5.9]	111843	14	95			
776D Off-Highway Tractors	[3508TAE]	111261	28	50	111000	24	6.5
777D Off-Highway Trucks	[3508TAE]	111261	28	50	111000	24	6.5
	[3508TAE3]	111261	28	50	111000	24	6.5
777E Off-Highway Trucks	[C32TA ACERT]	111261	28	50	111000	24	6.5
777F Off-Highway Trucks	[C32TA ACERT]	111261	28	50	111000	24	6.5
777G Off-Highway Trucks	[C32TA ACERT]	111261	28	50	111000	24	6.5
854K LARGE DOZER Wheel Loaders and	[C32TA ACERT]	111261	28	50	111000	24	6.5
914G Wheel Loader					114268	24	4.5
					114278	24	4.5
933C SERIES Crawlers	[3046]	114218	14	55			
935C Track Loader	[3046]				114309	12	4.0
950B-DA & 950B-SA Forestry	[QSB6.7]	116317	28	70	114326	24	7.5
992 H Wheel Loaders and Dozers	[C32TA ACERT]	111261	28	50	111000	24	6.5
992K Wheel Loaders and Dozers	[C32TA ACERT]	111261	28	50	111000	24	6.5
992K LARGE LOADER Wheel Loaders	[C32TA ACERT]	111261	28	50	111000	24	6.5
993K Wheel Loaders and Dozers	[C32TA ACERT]	111261	28	50	111000	24	6.5
993K LARGE LOADER Wheel Loaders	[C32TA ACERT]	111261	28	50	111000	24	6.5



CATERPILLAR Continued

AP-200 Pavers	[BSD442]			112074	12	3.1
AP300 Pavers	[3054C]	114188	14 90	110941	12	2.5
AP500E Pavers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
AP555E Pavers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
AP600F Pavers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
AP-650B Pavers	[3054C]	114188	14 90	110941	12	2.5
AP655F Pavers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
AP-800 Pavers	[4045T]	112062	14 115	114275	12	4.0
		113707	14 200			
		114379	14 150			
		114681	14 90			
		116623	14 200			
AP-800C Pavers	[3054C]	114188	14 90	110941	12	2.5
CB-335D Rollers	[103-15]	110770	14 55	110615	12	2.8
				115393	12	4.0
CB-434D & CB-434D XW Rollers	[3054C]	114188	14 90	110941	12	2.5
CP-323C Rollers	[3054C]	114188	14 90	110941	12	2.5
CP44 Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CP54 Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CP54B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CP56B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CP64B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CP68B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CP74B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CRX-410D Forestry Equipment	[6BTA5.9]	111843	14 95			
CS-323C Rollers	[3054C]	114188	14 90	110941	12	2.5
CS-323C & CP-323C Rollers	[3054C]	114188	14 90	110941	12	2.5
CS-423E Rollers	[3054C]	114188	14 90	110941	12	2.5
CS423E ASPHALT Rollers	[3054C]	114188	14 90	110941	12	2.5
CS-433E & CP-433E Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CS44 Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CS54B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CS56B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CS64B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CS68B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CS74B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CS78B Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
CW34 Rollers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
D11 Crawlers	[C32TA ACERT]	111261	28 50	111000	24	6.5
D11R & D11R CD Crawlers	[3508TAE]	111261	28 50	111000	24	6.5
D11R/R CD Crawlers	[3508TAE]	111261	28 50	111000	24	6.5
D11T/D11T CD Crawlers	[C32TA ACERT]	111261	28 50	111000	24	6.5
D3 SERIES Crawlers	[3046]	114218	14 55			
D3B Track Tractor	[3204]			01.71- 01.78 111000	24	6.5
D3K2 Crawlers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
D3K2 MULCHER Crawlers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
D4 Crawlers	[3046]	114218	14 55			
D4 SERIES Crawlers	[3046]	114218	14 55			
D4K2 Crawlers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
D5 Crawlers	[3046]	114218	14 55			
D5 SERIES Crawlers	[3046]	114218	14 55			
D5K2 Crawlers	[C4.4T ACERT]	113967	14 120	114278	24	4.5
GEP145P6 (50HZ) Generator Sets	[404D-22]	113763	14 85	115325	24	2.5
GEP145P6 (60HZ) Generator Sets	[404D-22]	113763	14 85	115325	24	2.5
GEP165P6 (50HZ) Generator Sets	[404D-22]	113763	14 85	115325	24	2.5
GEP165P6 (60HZ) Generator Sets	[404D-22]	113763	14 85	115325	24	2.5
GIBLI C100 Rollers	[6BT5.9]	111843	14 95			
GRIFONE Rollers	[BF4L913]	113470	28 35	110512	24	5.4
HYDROAX 470 Forestry Equipment	[6BTA5.9]	111843	14 95			
M315F Excavators	[C4.4T ACERT]	113967	14 120	114278	24	4.5
M322C	[3056E]	114714	28 80			
M322C		114302	28 75			
MD5050 Bore/Drill Rigs	[4HK1X]	116531	28 80	114659	24	5.0
MD5050T Bore/Drill Rigs	[4HK1X]	116531	28 80	114659	24	5.0
MD6420C Bore/Drill Rigs	[C32TA ACERT]	111261	28 50	111000	24	6.5
ORTHOPACTOR P3/ Rollers	[D226-6]	116545	14 65			
SEM638 Wheel Loaders and Dozers	[6BT5.9]	111843	14 95			
SISMOPACTOR TT9 Rollers	[D226-6]	116545	14 65			
T-180E OPT. Forestry Equipment	[6BT5.9]	111843	14 95			
T-210E Forestry Equipment	[6BT5.9]	111843	14 95			
T-310E Forestry Equipment	[6BT5.9]	111843	14 95			
T-310E OPT. Forestry Equipment	[6BTA5.9]	111843	14 95			
T-410E Forestry Equipment	[6BT5.9]	111843	14 95			
T-410E OPT. Forestry Equipment	[6BTA5.9]	111843	14 95			
TARGO K50/60/70 Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12	3.2
		112698	14 100	116308	12	3.2
		114772	14 95			
TEX 700 Bore/Drill Rigs	[6BTA5.9]	111843	14 95			
TEX 800 Bore/Drill Rigs	[6BTA5.9]	111843	14 95			
TH Serie	[Perkins 3054]			115323	12	2.7
TH336 Rough Terrain Forklifts	[C4.4TA]	116529	14 50	115323	12	2.7
TH337 Rough Terrain Forklifts	[C4.4TA]	116529	14 50	115323	12	2.7
TH406 Rough Terrain Forklifts	[C4.4TA]	116529	14 50	115323	12	2.7
TH407 Rough Terrain Forklifts	[C4.4TA]	116529	14 50	115323	12	2.7
TH414 Rough Terrain Forklifts	[C4.4TA]	116529	14 50	115323	12	2.7
TH514 Rough Terrain Forklifts	[C4.4TA]	116529	14 50	115323	12	2.7
TORNADO C180 Rollers	[BF6L913C]	112098	14 65	113467	12	3.7
Various Industrial applications		114683	28 80	114718	12	1.4
		115831	14 55	114870	12	2.2
		115995	28 50	114309	12	4.0
		116519	28 120			
		116739	14 240			
Various Models		115385	28 95	114268	24	4.5
				114278	24	4.5
		01.72- 01.93 110801	28 45			
XQ20 Generator Sets	[404D-22]	113763	14 85	115325	24	2.5
XQ30 Generator Sets	[404D-22]	113763	14 85	115325	24	2.5



MOTORS									
3114						01.91- 01.93	110944	24	5.5
						01.91- 12.93	113695	24	6.0
3116						01.91- 01.93	110944	24	5.5
						01.91- 12.93	113695	24	6.0
3176		01.91-	113549	28	35		01.91-	112089	12
							01.85- 12.93	113695	24
							01.86- 01.90	110999	24
3208		01.86- 01.90	110801	28	45				
		01.74-	110937	14	200				
		01.86- 01.95	111261	28	50				
3304		01.86- 01.90	110801	28	45				
3306		01.75- 01.84	113549	28	35				
		01.86- 01.00	110801	28	45		01.86- 01.00	110999	24
		01.74-	110937	14	200				
		01.70- 01.93	111261	28	50				
3406		01.86- 01.90	110801	28	45		01.86- 01.90	112089	12
		01.74-	110937	14	200		01.74-	113695	24
		01.86- 01.97	111261	28	50				
3408		01.86- 01.90	110801	28	45				
		01.74-	110937	14	200				
3412		01.86- 01.90	110801	28	45				
3508		01.86- 01.93	110801	28	45				
3512		01.86- 01.96	110801	28	45				
3516		01.86- 01.93	110801	28	45				
MISCELLANEOUS									
1693		01.71- 01.79	111261	28	50				
1694						01.74- 01.79	110999	24	
304CR	[S3L]						113995	12	1.7
C7		01.99-	114043	14	55				
		01.74-	110937	14	200				
IT12B						01.89- 12.93	113695	24	6.0
IT24B						01.89- 12.96	113695	24	6.0
Various Models			115385	28	95		113194	24	3.2
			115794	28	95		113695	24	6.0
		01.79- 01.92	110801	28	45		01.79- 01.92	111190	12
Various Models		01.92- 01.97	113310	14	50		01.92- 01.97	112233	12
		01.80- 01.97	113549	28	35		01.80- 01.97	110961	12
			114188	14	90		110962	12	2.0
			114347	28	150		111793	12	3.0
			115794	28	95		113669	24	5.0
							114280	24	3.2
							114168	12	1.2
							116326	12	3.6
		01.72- 01.92	110591	28	75		01.72- 01.92	110449	12
							01.77- 01.97	110626	12
		01.72- 01.92	110801	28	45		01.72- 01.92	110941	12
							01.79- 01.93	110999	24
		01.72- 01.92	111261	28	50				
							01.70- 01.93	111000	24
							01.84- 01.93	110347	24
		01.92- 01.97	112294	28	110		01.92- 01.97	112323	24
		01.86- 01.97	112261	28	60				
Challenger									
MARINE									
Various Models							111918	12	0.6
Chang Feng									
PASSENGER CARS AO									
Pajero 3.8 4x4	[6G75]					12.04-	116250	12	1.2
Changan Ford Mazda									
PASSENGER CARS AO									
Mazda 1.5	[ZY-VE]					10.07- 07.10	115639	12	1.0
						08.10-	116275	12	1.0
S40 2.4	[B5244S]	06.06-	115606	14	150	06.06-	114315	12	1.4
S40 2.5	[B5254T6]	06.06-	115606	14	150				
Changan Volvo									
PASSENGER CARS AO									
S80L 2.0 Turbo		12.10-	115908	14	150				
Chevrolet									
PASSENGER CARS EU									
Avalanche 5.3						01.02- 12.02	112902	12	1.2
Aveo 1.2		06.08-	115353	14	80	06.08-	115395	12	1.1
Aveo 1.2	[A12XEL]	03.11-	114727	14	130		03.11-	113860	12
						A25	03.11-	115646	12
							03.11-	115645	12
	[A12XER]					A25	03.11-	115645	12
	[B12D1]	04.08-	111847	14	65		04.08-	111123	12
		04.08-	115366	14	80		04.08-	115395	12
	[F1253]	03.06- 12.07	111847	14	65		03.06- 12.07	111123	12
		03.06-	115366	14	80		03.06-	115395	12
	[LMU]	01.08-	115353	14	80		01.08-	115395	12
		04.08-	111847	14	65		04.08-	111123	12
		04.08-	115366	14	80				
	[LQ5]	03.06- 12.07	111847	14	65		03.06- 12.07	111123	12
		03.06-	115366	14	80		03.06-	115395	12
Aveo 1.2 LPG	[A12XER]	11.12-	114727	14	130		11.12-	113860	12
							11.12-	115646	12
Aveo 1.2 16V	[LMU]	04.08-	115353	14	80		04.08-	115395	12
Aveo 1.3 Diesel	[LDV]	07.11-	116022	14	140		07.11-	114298	12
							07.11-	115395	12
	[LSF]	07.11-	116022	14	140		A25	07.11-	116257
							07.11-	114298	12
Aveo 1.4	[A14XER]	04.08-	114350	14	85		03.11-	115645	12
		03.11-	114728	14	100		04.08-	113860	12
	[F14D3]	03.06-	114350	14	85		03.06-	113860	12
	[F14D4]	01.08-	114350	14	85		01.08-	113860	12
	[LDT]	04.08-	114350	14	85		04.08-	113860	12
Aveo 1.6	[F16D4]	03.11-	114779	14	100		03.11-	113860	12
						A25	03.11-	116257	12
							01.95- 12.97	112897	12
Bel air									
Beretta 2.3 16V	[LGO]	09.90- 01.92	110499	14	100/105				



CHEVROLET Continued

Blazer 4.3 V6	[L35]					01.94-	112240	12	1.7	
Blazer S 4.3 V6	[LB4]	09.88- 08.94	112629	14	100/105					
Camaro 3.4 V6	[L32]	01.94- 01.95	111854	14	105					
Camaro 5.0	[LG4]	01.87-	110498	14	100/105	01.87-	110414	12		
		01.88- 01.89	110985	14	100/105	01.88- 01.89	112906	12	1.7	
		01.90- 01.92	110500	14	100/105	01.90- 01.92	111034	12	1.2	
						01.90- 01.92	112897	12	1.7	
Camaro 5.7	[LS1]	07.98-	111712	14	105					
Camaro 5.7 V8	[LT1]	01.90- 01.92	112629	14	100/105					
Captiva 2.0 CRDi 4x4	[Z20S]	07.06- 02.11	115380	14	120					
Captiva 2.0 Diesel	[Z20S]	09.07-	115380	14	120	09.07-	114159	12	1.8	
Captiva 2.0 Diesel 4WD	[Z20S]	10.06-	115380	14	120	10.06-	114159	12	1.8	
Captiva 2.0 Diesel 4x4	[Z20S]	10.06-	115380	14	120	10.06-	114159	12	1.8	
Captiva 2.0 VCDi	[Z20S]	10.06- 12.09	115380	14	120					
Captiva 2.2 Diesel	[Z22D1]	03.11-	115761	14	140					
Captiva 2.2 Diesel 4x4	[Z22D1]	03.11-	115761	14	140					
Captiva 2.4	[A24XE]	03.11-	115478	14	120	03.11-	115571	12	2.2	
	[LE5]	03.11-	115478	14	120	03.11-	114159	12	1.8	
Captiva 2.4 4x4	[A24XE]	03.11-	115478	14	120	03.11-	115571	12	2.2	
	[LE5]	03.11-	115478	14	120	03.11-	114159	12	1.8	
Captiva 3.2 4WD	[10HM]	06.06-	114235	14	120	06.06-	115571	12	2.2	
Corvette 2.8						01.97- 12.01	112906	12	1.7	
Cruze 1.4	[LDD]					07.13-	115645	12	2.0	
	[LUJ]	06.12-	116390	14	120	06.12-	115830	12	2.0	
		A25 08.12-	116210	12	140	A25 08.12-	115646	12	1.1	
Cruze 1.6	[F16D4]	05.09-	114779	14	100	05.09-	115571	12	2.2	
		05.09-	115410	14	100	05.09-	114159	12	1.8	
	[LDE]	05.09-	114779	14	100	05.09-	114298	12	1.1	
Cruze 1.6	[LDE]	12.12-	114779	14	100	12.12-	114298	12	1.1	
		12.12-	115410	14	100	12.12-	115830	12	2.0	
Cruze 1.7 Diesel	[LUD]	A25 01.12-	115396	14	140	01.12-	114298	12	1.1	
Cruze 1.7 TD	[A17DTE]	11.13-	115396	14	140	11.13-	114298	12	1.1	
	[LUD]	08.12-	115396	14	140	08.12-	114298	12	1.1	
Cruze 1.8 BiFuel LPG	[ZHO]	06.11-	114779	14	100	06.11-	114298	12	1.1	
	[F18D4]	06.11-	114779	14	100	06.11-	115395	12	1.1	
Cruze 1.8	[ZHO]	08.12-	114779	14	100	08.12-	114298	12	1.1	
	[F18D4]	05.09-	114779	14	100	05.09-	115571	12	2.2	
		05.09-	115410	14	100	05.09-	115830	12	2.0	
						06.11-	115395	12	1.1	
Cruze 1.8 LPG	[F18D4]	06.11-	114779	14	100	06.11-	114298	12	1.1	
		06.11-	115410	14	100	06.11-	115830	12	2.0	
Cruze 2.0 CDi	[LNP]	08.10-	115761	14	140	08.10-	115645	12	2.0	
	[Z20D1]	08.10-	115761	14	140	08.10-	115645	12	2.0	
Cruze 2.0 TD	[LNP]	08.12-	115761	14	140	08.12-	115645	12	2.0	
Epica 2.0 Diesel	[Z20S]	01.07-	115380	14	120	01.07-	114159	12	1.8	
Evanda 2.0	[X20SED]					03.05-	111848	12	1.0	
Impala 5.7						01.95- 12.97	112897	12	1.7	
Kalos 1.4	[F14S3]	03.05- 09.06	114350	14	85	03.05- 09.06	113276	12	1.1	
				14	85	03.05-	111123	12	0.9	
Kalos 1.4 16V	[F14D3]	03.05-	114350	14	85	03.05-	111123	12	0.9	
Lacetti 1.4 16V	[F14D3]	03.05-	114350	14	85	03.05-	111123	12	0.9	
Lacetti 1.6	[F16D3]	03.05-	114350	14	85	03.05-	111123	12	0.9	
Lacetti 1.8	[F18D3]	08.05-	114350	14	85	08.05-	111848	12	1.0	
	[T18SED]	03.05-	114350	14	85	03.05-	111123	12	0.9	
Lanos 1.5		11.05- 12.10	113350	14	85	11.05- 12.10	113276	12	1.1	
Malibu 2.4	[LE9]	01.12-	115478	14	120	01.12-	113931	12	1.7	
						01.12-	115575	12	1.4	
Malibu 3.8	[LC3]	01.83-	110508	14	78	01.83-	110414	12		
Malibu 5.0	[LG4]	01.83-	110508	14	78	01.83-	110414	12		
Matiz 0.8 LPG	[F8CV]	03.05-	114114	14	65	03.05-	113860	12	0.8	
		03.05-	116302	14	65					
Matiz 0.8	[F8CV]	03.05-	116302	14	65					
Matiz 1.0 LPG	[B10S1]	03.05-	114114	14	65	Change pulley				
Matiz 1.0	[B10S]	03.05-	114114	14	65		03.05-	111849	12	0.8
	[B10S1]	03.05-	114114	14	65	Change pulley	03.05-	113860	12	0.8
Montana 1.4 Flex	[LKF (85CUL4)]					12.07- 10.10	111123	12	0.9	
Nubira 1.4	[F14D3]	01.05-	114350	14	85	01.06-	114159	12	1.8	
		01.06-	114412	14	85					
Nubira 1.6	[F16D3]	03.05-	114350	14	85	03.05-	111123	12	0.9	
Nubira 1.8	[F18D3]	08.05-	114350	14	85	08.05-	111848	12	1.0	
		08.05-	114412	14	85	01.06-	114159	12	1.8	
	[T18SED]	03.05-	114350	14	85	03.05-	111123	12	0.9	
						03.05-	111848	12	1.0	
Nubira 2.0 Diesel	[Z20DM]	01.07-	115380	14	120					
	[Z20S]	01.07-	115380	14	120					
Orlando 1.4	[LUJ]	06.12-	116390	14	120	06.12-	114298	12	1.1	
						A25 06.12-	115645	12	2.0	
Orlando 1.8 BiFuel LPG	[ZHO]	06.11-	114779	14	100	06.11-	115571	12	2.2	
Orlando 1.8	[ZHO]	02.11-	114779	14	100	02.11-	114298	12	1.1	
	[F18D4]	02.11-	114779	14	100	02.11-	115571	12	2.2	
Orlando 2.0 VCDi	[Z20D1]	02.11-	115761	14	140	02.11-	114298	12	1.1	
Rezzo/Tacuma 1.6	[A16DMS]	03.05-	113350	14	85	03.05-	111123	12	0.9	
						03.05-	112431	12	1.1	
Rezzo/Tacuma 2.0	[T20SED]					03.05-	111848	12	1.0	
S10 4.3 4x4	[L35]	01.98- 01.00	112665	14	100					
Spark 1.0 LPG	[B10D1]	07.10-	115353	14	80	07.10-	113860	12	0.8	
Spark 1.0 BiFuel LPG	[B10D1]	03.10-	115353	14	80	03.10-	113860	12	0.8	
Spark 1.0 SX	[B10S1]	05.05-	114114	14	65	05.05-	113860	12	0.8	
Spark 1.2 BiFuel LPG	[B12D1]	03.10-	115353	14	80	03.10-	113860	12	0.8	
	[LMU]	03.10-	115353	14	80	03.10-	113860	12	0.8	
Spark 1.2	[B12D1]	03.10-	115353	14	80	03.10-	113860	12	0.8	
	[LMU]	03.10-	115353	14	80	03.10-	113860	12	0.8	
Trax 1.4	[LUJ]	12.12-	114727	14	130	12.12-	114298	12	1.1	
						12.12-	115646	12	1.1	
Trax 1.4 AWD	[LUJ]					12.12-	115646	12	1.1	
Trax 1.4 LPG	[A14NET]	04.13-	114727	14	130	04.13-	114298	12	1.1	
						A25 04.13-	115646	12	1.1	
Trax 1.6	[F16D4]					12.12-	116257	12	1.7	
	[LDE]					12.12-	116257	12	1.7	
Trax 1.7 TD	[LUD]					12.12-	115830	12	2.0	



Trax 1.7 TD AWD	[LUD]					12.12-	115830	12	2.0	
Trax 1.8	[ZH0]	03.13-	114779	14	100	03.13-	115395	12	1.1	
	[F18D4]	03.13-	114779	14	100	03.13-	115395	12	1.1	
Various Models						01.80- 01.90	110216	12	1.4	
						01.63- 01.77	112897	12	1.7	
					S10/T-10 Pickup 2.2	01.96- 12.98	112900	12	1.4	
					Trailblazer	01.02- 12.02	112905	12	1.6	
PASSENGER CARS US										
1500 5.3 Suburban		01.02- 01.02	112850	14	105	01.02- 01.02	112902	12	1.2	
		01.02- 01.02	112853	14	130					
1500 5.3 Suburban		01.00- 01.00	112853	14	130	01.00- 01.00	112902	12	1.2	
2500 5.3 Suburban		01.00- 01.00	112853	14	130	01.00- 01.00	112902	12	1.2	
2500 6.0 Suburban		01.00- 01.00	112850	14	105	01.00- 01.00	112240	12	1.7	
		01.00- 01.00	112853	14	130	01.00- 01.00	112906	12	1.7	
2500 6.0 Suburban LS		01.05-	112853	14	130					
2500 6.0 Suburban LT		01.05-	112853	14	130					
2500 8.1 Suburban		01.01- 01.01	112853	14	130					
2500 8.1 Suburban LS		01.05-	112853	14	130					
2500 8.1 Suburban LT		01.05-	112853	14	130					
Astre 2.5		01.88- 01.92	110500	14	100/105	01.88- 01.92	110216	12	1.4	
		01.85- 01.90	110505	14	75					
		01.85- 01.90	110471	14	94	01.85- 01.90	112240	12	1.7	
		01.00- 12.00	112665	14	100					
Astre 4.3		01.85-	110233	14	63	01.85-	111034	12	1.2	
		01.85-	110505	14	75	01.85-	110216	12	1.4	
		01.87- 01.88	110508	14	78					
		01.85-	110471	14	94	01.85-	112240	12	1.7	
		01.90- 01.93	111711	14	105	01.90- 01.93	112241	12	1.5	
		01.02- 01.02	112850	14	105	01.02- 01.02	112240	12	1.7	
Avalanche 5.3 1500		01.02- 01.02	112853	14	130	01.02- 01.02	112902	12	1.2	
		01.02- 01.02	112850	14	105	01.02- 01.02	112902	12	1.2	
		01.02- 01.02	112853	14	130					
Avalanche 8.1 2500		01.05-	112853	14	130					
Avalanche 8.1 2500 LS		01.05-	112853	14	130					
Avalanche 8.1 2500 LT		01.05-	114412	14	85					
Aveo 1.6 Special Value		01.63- 01.65	110075	14	60	01.63- 01.65	111277	12		
Bel Air 3.8		01.55- 01.56	110505	14	75					
Bel Air 3.9		01.65- 01.67	110075	14	60	01.65- 01.67	110414	12		
Bel Air 4.1						01.68- 01.71	111277	12		
		01.72- 01.73	110233	14	63	01.72- 01.73	110216	12	1.4	
		01.72- 01.73	110505	14	75					
Bel Air 4.4		01.81- 01.81	110505	14	75					
Bel Air 4.6		01.63- 01.67	110075	14	60	01.63- 01.67	110414	12		
Bel Air 5.0		01.68-	110075	14	60	01.68-	110216	12	1.4	
		01.85- 01.86	110492	14	108					
		01.81- 01.81	110505	14	75					
		01.83- 01.87	110508	14	78					
		01.86- 01.87	110471	14	94					
	Bel Air 5.4		01.63- 01.67	110075	14	60	01.63- 01.67	111277	12	
						01.68-	110216	12	1.4	
Bel Air 5.7		01.69- 01.71	110075	14	60	01.69- 01.71	110216	12	1.4	
		01.72- 01.75	110233	14	63					
		01.72- 01.75	110505	14	75					
Bel Air 6.5		01.66- 01.67	110075	14	60	01.66- 01.67	111277	12		
						01.68- 01.69	110216	12	1.4	
Bel Air 6.6		01.70- 01.71	110075	14	60	01.70- 01.71	110216	12	1.4	
		01.72- 01.74	110233	14	63					
		01.74- 01.75	110505	14	75					
Bel Air 6.7		01.63- 01.65	110075	14	60	01.63- 01.65	111277	12		
Bel Air 7.0		01.66- 01.67	110075	14	60	01.66- 01.67	111277	12		
						01.68- 01.69	110216	12	1.4	
Bel Air 7.4		01.70- 01.71	110075	14	60	01.70- 01.71	110216	12	1.4	
		01.72-	110233	14	63					
		01.72-	110505	14	75					
Beretta 2.2		01.93- 01.95	110500	14	100/105					
Beretta 2.2 GT		01.93-	110500	14	100/105					
Biscayne 3.8		01.63- 01.65	110075	14	60					
Biscayne 4.1		01.68- 01.71	110075	14	60	01.68- 01.71	111277	12		
						01.65- 01.67	110216	12	1.4	
		01.72-	110233	14	63					
		01.72-	110505	14	75					
Biscayne 4.6		01.63- 01.67	110075	14	60	01.63- 01.67	110216	12	1.4	
Biscayne 5.0		01.68-	110075	14	60	01.68-	111277	12		
Biscayne 5.4		01.68-	110075	14	60	01.68-	111277	12		
						01.63- 01.67	110216	12	1.4	
Biscayne 5.7		01.69- 01.71	110075	14	60	01.69- 01.71	110216	12	1.4	
		01.72-	110233	14	63					
		01.72-	110505	14	75					
Biscayne 6.5		01.68- 01.69	110075	14	60	01.68- 01.69	111277	12		
Biscayne 6.6		01.70- 01.71	110075	14	60	01.70- 01.71	110216	12	1.4	
		01.72-	110233	14	63					
		01.72-	110505	14	75					
Biscayne 6.7		01.63- 01.65	110075	14	60					
Biscayne 7.0		01.68- 01.69	110075	14	60	01.68- 01.69	111277	12		
						01.66- 01.67	110216	12	1.4	
Biscayne 7.4		01.71-	110075	14	60	01.71-	110216	12	1.4	
		01.72-	110233	14	63					
		01.72-	110505	14	75					
Blazer 4.1		01.69-	110075	14	60	01.69-	111277	12		
						01.71- 01.71	110216	12	1.4	
		01.72-	110233	14	63					
		01.73- 01.75	110505	14	75					
						01.72- 01.72	112241	12	1.5	
Blazer 4.3		01.98- 01.00	112665	14	100					
Blazer 4.3 Trailblazer		01.99- 01.00	112665	14	100					
Blazer 4.8		01.70-	110075	14	60	01.70-	111277	12		
		01.73-	110505	14	75	01.73-	112241	12	1.5	



CHEVROLET Continued

Blazer 5.0	01.69-	110075	14	60	01.69-	111277	12
					01.71- 01.71	111034	12 1.2
					01.70- 01.70	110216	12 1.4
	01.72- 01.72	110233	14	63			
	01.87- 01.87	110500	14	100/105			
	01.73-	110505	14	75			
					01.77- 01.79	112240	12 1.7
					01.81- 01.82	112241	12 1.5
	01.83- 01.86	110471	14	94			
	01.87- 01.87	112640	14	100/105			
Blazer 5.7	01.69- 01.72	110075	14	60	01.69- 01.72	111277	12
	01.87- 01.94	110500	14	100/105	01.87- 01.94	110216	12 1.4
	01.73- 01.75	110505	14	75			
Blazer 6.2	01.82- 01.91	110233	14	63	01.82- 01.91	110216	12 1.4
	01.82- 01.91	110505	14	75			
Blazer 6.6	01.75-	110505	14	75			
Blazer 7.4	01.73-	110505	14	75			
Brookwood 4.1	01.69-	110075	14	60	01.69-	110216	12 1.4
Brookwood 5.7	01.69- 01.71	110075	14	60	01.69- 01.71	110216	12 1.4
	01.72-	110233	14	63			
	01.72-	110505	14	75			
Brookwood 6.6	01.70-	110075	14	60	01.70-	110216	12 1.4
	01.72-	110233	14	63			
	01.72-	110505	14	75			
	01.63- 01.66	110075	14	60	01.63- 01.66	110216	12 1.4
C10 3.8							
C10 4.1	01.71-	110075	14	60	01.71-	111277	12
					01.70- 01.70	111034	12 1.2
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12 1.4
	01.73- 01.75	110505	14	75			
	01.77- 01.80	110505	14	75	01.77- 01.80	110216	12 1.4
C10 4.1 Big Ten	01.70- 01.71	110075	14	60	01.70- 01.71	110216	12 1.4
	01.72- 01.72	110233	14	63			
	01.73- 01.75	110505	14	75			
C10 4.1 Suburban	01.73- 01.75	110505	14	75			
	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12 1.4
	01.85- 01.86	110505	14	75			
C10 4.3	01.63- 01.67	110075	14	60	01.63- 01.67	110216	12 1.4
C10 4.6	01.68-	110075	14	60	01.68-	111277	12
C10 4.8					01.63- 01.67	110216	12 1.4
	01.73- 01.80	110505	14	75			
	01.78- 01.80	110505	14	75	01.78- 01.80	110216	12 1.4
C10 4.8 Big Ten	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12 1.4
C10 4.8 Suburban	01.73- 01.74	110505	14	75			
	01.74-	110505	14	75	01.74-	110216	12 1.4
	01.74- 01.74	110505	14	75			
C10 4.8	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12
C10 4.8 Suburban					01.71-	111034	12 1.2
	01.72-	110233	14	63	01.72-	110216	12 1.4
	01.72-	110505	14	75			
	01.85- 01.86	110471	14	94			
	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12 1.4
C10 5.0 Big Ten	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12 1.4
	01.72- 01.72	110233	14	63			
	01.72- 01.72	110505	14	75			
	01.83- 01.86	110471	14	94			
	01.68-	110075	14	60	01.68-	111277	12
C10 5.0 Suburban					01.62- 01.67	110216	12 1.4
	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12 1.4
	01.78- 01.81	110505	14	75	01.78- 01.81	110216	12 1.4
C10 5.4	01.87- 01.89	112629	14	100/105			
C10 5.4 Suburban	01.78- 01.79	110505	14	75			
	01.87- 01.89	112629	14	100/105			
	01.78- 01.81	110505	14	75			
C10 5.7	01.87- 01.89	112629	14	100/105			
	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12 1.4
	01.73- 01.75	110505	14	75			
	01.87- 01.89	112629	14	100/105			
C10 5.7 Big Ten	01.77- 01.80	110505	14	75	01.77- 01.80	110216	12 1.4
	01.87- 01.89	112629	14	100/105			
	01.69- 01.71	110075	14	60	01.69- 01.71	110216	12 1.4
C10 5.7 Suburban	01.72- 01.72	110233	14	63			
	01.72- 01.72	110505	14	75			
	01.87- 01.89	112629	14	100/105			
	01.74-	110505	14	75	01.74-	110216	12 1.4
	01.87- 01.89	112629	14	100/105			
C10 5.7 Big Ten	01.74- 01.74	110505	14	75			
	01.87- 01.89	112629	14	100/105			
	01.82- 01.86	110233	14	63	01.82- 01.86	110216	12 1.4
C10 5.7 Suburban	01.82- 01.86	110505	14	75			
	01.82- 01.86	110233	14	63	01.82- 01.86	110216	12 1.4
	01.84- 01.84	110492	14	108			
	01.82- 01.86	110505	14	75			
	01.84- 01.84	110471	14	94			
C10 6.2	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12
C10 6.2 Suburban	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12 1.4
	01.70- 01.72	110075	14	60	01.70- 01.72	111277	12
	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12 1.4
C10 6.5	01.80-	110505	14	75			
C10 6.5 Big Ten	01.70- 01.70	110075	14	60	01.70- 01.70	110216	12 1.4
C10 6.5 Suburban	01.72- 01.72	110233	14	63			
	01.72- 01.72	110505	14	75			
	01.73- 01.75	110505	14	75	01.73- 01.75	110216	12 1.4
C10 6.6	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12 1.4
C10 6.6 Big Ten	01.73- 01.75	110505	14	75			
C10 6.6 Suburban	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12 1.4
	01.88- 01.89	110500	14	100/105	01.88- 01.89	111034	12 1.2
					01.90- 01.95	110216	12 1.4
C1500 4.3	01.88- 01.89	112640	14	100/105			
	01.88- 01.95	110500	14	100/105	01.88- 01.95	111034	12 1.2
	01.88- 01.95	112640	14	100/105			



C1500 5.7	01.88- 01.95	110500	14	100/105	01.88- 01.95	111034	12	1.2
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
	01.88- 01.95	112640	14	100/105				
C1500 5.7 Suburban	01.92- 01.95	110500	14	100/105	01.92- 01.95	112341	12	2.5
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112240	12	1.7
C1500 6.2	01.88- 01.93	110500	14	100/105	01.88- 01.93	111034	12	1.2
	01.88- 01.93	112640	14	100/105				
C1500 6.5	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
C1500 6.5 Turbo	01.94- 01.98	110500	14	100/105	01.94- 01.98	110216	12	1.4
C1500 6.5 Turbo Suburban	01.94- 01.99	110500	14	100/105	01.94- 01.99	112341	12	2.5
C1500 7.4	01.90- 01.93	110984	14	100/105	01.90- 01.93	112341	12	2.5
C20 3.8	01.63- 01.65	110075	14	60	01.63- 01.65	110216	12	1.4
C20 4.1	01.70- 01.70	110075	14	60	01.70- 01.70	111034	12	1.2
					01.71- 01.71	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.73- 01.75	110505	14	75				
C20 4.1 Suburban	01.70- 01.70	110075	14	60	01.70- 01.70	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.73- 01.74	110505	14	75				
C20 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
C20 4.6	01.63- 01.67	110075	14	60	01.63- 01.67	110216	12	1.4
C20 4.8	01.68-	110075	14	60	01.68-	111277	12	
					01.63- 01.67	110216	12	1.4
	01.73- 01.86	110505	14	75				
C20 4.8 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
	01.73- 01.79	110505	14	75				
C20 4.8	01.74-	110505	14	75	01.74-	110216	12	1.4
C20 4.8 Suburban	01.74- 01.74	110505	14	75				
C20 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
	01.72-	110233	14	63	01.72-	110216	12	1.4
	01.72-	110505	14	75				
	01.85- 01.86	110471	14	94				
C20 5.0 Suburban	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.83- 01.84	110471	14	94				
C20 5.4	01.68- 01.68	110075	14	60	01.68- 01.68	111277	12	
					01.62- 01.67	110216	12	1.4
C20 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
C20 5.7	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12	
					01.64- 01.65	110216	12	1.4
	01.72-	110233	14	63				
	01.72-	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C20 5.7 Suburban	01.69- 01.71	110075	14	60	01.69- 01.71	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.84- 01.86	110471	14	94				
	01.87- 01.89	112629	14	100/105				
C20 5.7	01.74-	110505	14	75	01.74-	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
C20 5.7 Suburban	01.74- 01.74	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C20 6.2	01.82- 01.86	110233	14	63	01.82- 01.86	110216	12	1.4
	01.82- 01.86	110505	14	75				
C20 6.2 Suburban	01.82- 01.86	110233	14	63	01.82- 01.86	110216	12	1.4
	01.84- 01.84	110492	14	108				
	01.82- 01.86	110505	14	75				
	01.84- 01.84	110471	14	94				
C20 6.5	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
C20 6.5 Suburban	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12	1.4
C20 6.6	01.70- 01.71	110075	14	60	01.70- 01.71	111277	12	
	01.77- 01.79	110505	14	75				
C20 6.6 Suburban	01.70- 01.70	110075	14	60	01.70- 01.70	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.77- 01.79	110505	14	75				
C20 6.7	01.64- 01.65	110075	14	60	01.64- 01.65	110216	12	1.4
C20 7.4	01.73- 01.75	110505	14	75	01.73- 01.75	110216	12	1.4
C20 7.4 Suburban	01.85- 01.85	110233	14	63	01.85- 01.85	110216	12	1.4
	01.73- 01.75	110505	14	75				
	01.85- 01.85	110471	14	94				
C2500 4.3	01.88- 01.89	110500	14	100/105	01.88- 01.89	111034	12	1.2
					01.90- 01.95	110216	12	1.4
	01.88- 01.89	112640	14	100/105	01.88- 01.89	112240	12	1.7
C2500 5.0	01.88- 01.89	110500	14	100/105	01.88- 01.89	111034	12	1.2
					01.90- 01.93	110216	12	1.4
	01.88- 01.89	112640	14	100/105	01.88- 01.89	112240	12	1.7
C2500 5.7	01.88- 01.95	110500	14	100/105	01.88- 01.95	111034	12	1.2
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
					01.87- 01.89	112240	12	1.7
	01.88- 01.95	112640	14	100/105				
C2500 5.7 Suburban	01.92- 01.95	110500	14	100/105	01.92- 01.95	112341	12	2.5
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112240	12	1.7
C2500 6.2	01.88- 01.92	110500	14	100/105	01.88- 01.92	111034	12	1.2
					01.89- 01.93	110216	12	1.4
	01.88- 01.92	112640	14	100/105				
C2500 6.5	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
C2500 6.5 Turbo	01.92- 01.00	110500	14	100/105	01.92- 01.00	110216	12	1.4
	01.92- 01.00	112640	14	100/105				
C2500 6.5 Turbo Suburban	01.94- 01.99	110500	14	100/105	01.94- 01.99	112341	12	2.5
C2500 7.4	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
	01.91- 01.92	110984	14	100/105	01.91- 01.92	112341	12	2.5
C2500 7.4 Suburban	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.92- 01.93	110984	14	100/105				
C30 3.8	01.64- 01.65	110075	14	60	01.64- 01.65	110216	12	1.4
C30 4.1	01.70- 01.70	110075	14	60	01.70- 01.70	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.73- 01.75	110505	14	75				
C30 4.6	01.63- 01.67	110075	14	60	01.63- 01.67	110216	12	1.4



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C30 4.8	01.68-	110075	14 60	01.68-	111277	12
				01.63- 01.67	110216	12 1.4
	01.73- 01.86	110505	14 75			
C30 4.8	01.74-	110505	14 75			
C30 5.0	01.68- 01.69	110075	14 60	01.68- 01.69	111277	12
				01.70-	110216	12 1.4
	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.86-	110508	14 78			
	01.86-	110471	14 94			
C30 5.4	01.68- 01.68	110075	14 60	01.68- 01.68	110216	12 1.4
C30 5.7	01.78- 01.78	110505	14 75			
	01.87- 01.89	112629	14 100/105			
C30 5.7	01.69- 01.71	110075	14 60	01.69- 01.71	110216	12 1.4
	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.83- 01.83	110471	14 94			
	01.87- 01.89	112629	14 100/105			
C30 5.7	01.74-	110505	14 75			
	01.87- 01.89	112629	14 100/105			
C30 6.2	01.82- 01.86	110233	14 63	01.82- 01.86	110216	12 1.4
	01.82- 01.86	110505	14 75			
C30 6.5	01.68- 01.69	110075	14 60	01.68- 01.69	111277	12
C30 6.6	01.70- 01.71	110075	14 60	01.70- 01.71	110216	12 1.4
	01.77- 01.79	110505	14 75			
C30 6.7	01.64- 01.65	110075	14 60	01.64- 01.65	110216	12 1.4
C30 7.4	01.73- 01.75	110505	14 75			
C3500 5.7	01.88- 01.95	110500	14 100/105	01.88- 01.95	110216	12 1.4
	01.87- 01.89	112629	14 100/105	01.87- 01.89	112341	12 2.5
				01.87- 01.89	112240	12 1.7
	01.88- 01.95	112640	14 100/105			
C3500 6.2	01.88- 01.93	110500	14 100/105	01.88- 01.93	110216	12 1.4
	01.88- 01.93	112640	14 100/105	01.88- 01.93	112240	12 1.7
C3500 6.5 Turbo	01.92- 01.00	110500	14 100/105	01.92- 01.00	110216	12 1.4
	01.92- 01.00	112640	14 100/105			
C3500 7.4	01.94- 01.95	110500	14 100/105	01.94- 01.95	110216	12 1.4
	01.88- 01.92	110984	14 100/105	01.88- 01.92	112341	12 2.5
C3500 8.1 HD Chassis Cab	01.01- 01.01	112850	14 105			
	01.01- 01.01	112853	14 130			
Camaro 2.5	01.82- 01.86	110505	14 75			
Camaro 2.8	01.85- 01.89	110492	14 108	01.85- 01.89	110216	12 1.4
	01.82- 01.84	110505	14 75			
	01.85- 01.89	110508	14 78			
	01.85- 01.89	110471	14 94			
Camaro 3.4	01.93- 01.95	111854	14 105			
Camaro 3.8	01.68- 01.69	110075	14 60	01.68- 01.69	110414	12
				01.67- 01.67	111034	12 1.2
	01.80- 01.81	110233	14 63	01.80- 01.81	110216	12 1.4
	01.80- 01.81	110505	14 75			
	01.95- 01.97	112615	14 105			
Camaro 3.8 RS	01.96- 01.97	112615	14 105			
Camaro 4.1	01.68- 01.71	110075	14 60	01.68- 01.71	110414	12
				01.67- 01.67	110216	12 1.4
	01.72- 01.79	110233	14 63			
	01.72- 01.79	110505	14 75			
Camaro 4.1 LT	01.77-	110505	14 75			
Camaro 4.4	01.80- 01.81	110505	14 75			
Camaro 5.0	01.68-	110075	14 60	01.68-	110414	12
				01.70-	111277	12
				01.67- 01.67	111034	12 1.2
				01.72- 01.73	110216	12 1.4
	01.72- 01.73	110233	14 63			
	01.85- 01.89	110492	14 108			
	01.72- 01.73	110505	14 75			
	01.85- 01.86	110508	14 78			
	01.83- 01.84	110471	14 94			
	01.88- 01.89	110985	14 100/105			
	01.90- 01.92	112629	14 100/105			
Camaro 5.0 Iroc-Z	01.90- 01.92	112629	14 100/105			
	01.90-	112640	14 100/105			
Camaro 5.0 LT	01.76-	110505	14 75			
	01.90- 01.92	112629	14 100/105			
Camaro 5.0 RS	01.90- 01.92	112629	14 100/105			
	01.90- 01.92	112640	14 100/105			
Camaro 5.0 Z28	01.91- 01.92	112629	14 100/105			
	01.91- 01.92	112640	14 100/105			
Camaro 5.4	01.68-	110075	14 60	01.68-	110414	12
				01.67- 01.67	111034	12 1.2
Camaro 5.7	01.68-	110075	14 60	01.68-	110414	12
				01.69- 01.71	111277	12
				01.67- 01.67	111034	12 1.2
	01.72- 01.75	110233	14 63	01.72- 01.75	110216	12 1.4
	01.87- 01.89	110498	14 100/105			
	01.72- 01.75	110505	14 75	01.72- 01.75	112900	12 1.4
	01.90- 01.92	112629	14 100/105			
Camaro 5.7 Iroc-Z	01.90- 01.92	112629	14 100/105			
	01.90-	112640	14 100/105			
Camaro 5.7 LT	01.76- 01.77	110505	14 75			
	01.90- 01.92	112629	14 100/105			
Camaro 5.7 SS	01.90- 01.92	112629	14 100/105			
Camaro 5.7 Z28	01.72- 01.72	110233	14 63	01.72- 01.72	110216	12 1.4
	01.72- 01.72	110505	14 75			
	01.94- 01.95	111854	14 105			
	01.90- 01.92	112629	14 100/105			
	01.91- 01.92	112640	14 100/105			
Camaro 6.5	01.68- 01.70	110075	14 60	01.68- 01.70	110414	12
				01.67- 01.67	110216	12 1.4
Camaro 6.6	01.70- 01.71	110075	14 60	01.70- 01.71	111277	12
	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.72-	110505	14 75			



Caprice 3.8	01.80- 01.82	110233	14 63	01.80- 01.82	110216	12 1.4
	01.80- 01.84	110505	14 75			
	01.85-	110508	14 78			
	01.83- 01.84	110471	14 94			
Caprice 4.1	01.68- 01.69	110075	14 60	01.68- 01.69	110414	12
				01.67- 01.67	110216	12 1.4
	01.77- 01.79	110505	14 75			
Caprice 4.3	01.85- 01.90	110233	14 63	01.85- 01.90	110216	12 1.4
	01.85- 01.90	110492	14 108			
	01.85- 01.90	110505	14 75			
	01.85- 01.90	110471	14 94			
	01.94- 01.96	111220	14 105			
	01.92-	112640	14 100/105			
Caprice 4.3 Classic Brougham	01.87- 01.88	110233	14 63	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110492	14 108			
	01.87- 01.88	110505	14 75			
	01.87- 01.88	110471	14 94			
Caprice 4.3 Classic LS	01.94-	111220	14 105			
Caprice 4.4	01.80- 01.82	110505	14 75			
Caprice 4.6	01.66- 01.67	110075	14 60	01.66- 01.67	110216	12 1.4
Caprice 5.0	01.68-	110075	14 60	01.68-	110414	12
	01.86- 01.88	110492	14 108	01.86- 01.88	110216	12 1.4
	01.77-	110505	14 75			
	01.86- 01.88	110508	14 78			
	01.86- 01.88	110471	14 94			
	01.89- 01.90	110985	14 100/105			
	01.91- 01.92	112640	14 100/105			
Caprice 5.0 Classic Brougham	01.87- 01.88	110492	14 108	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110508	14 78			
	01.87- 01.88	110471	14 94			
	01.89- 01.90	110985	14 100/105			
Caprice 5.0 Classic LS	01.93-	110500	14 100/105	01.93-	110216	12 1.4
	01.93-	112640	14 100/105			
Caprice 5.0 Classic LTZ	01.91- 01.92	112640	14 100/105			
Caprice 5.4	01.68-	110075	14 60	01.68-	110414	12
				01.69-	111277	12
				01.66- 01.67	110216	12 1.4
Caprice 5.7	01.80- 01.83	110505	14 75			
	01.84- 01.85	110508	14 78			
	01.84- 01.85	110471	14 94			
Caprice 5.7	01.69- 01.71	110075	14 60	01.69- 01.71	111277	12
	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.85-	110492	14 108			
	01.91-	110500	14 100/105			
	01.72-	110505	14 75			
				01.73-	112897	12 1.7
	01.94- 01.96	111220	14 105			
	01.91- 01.93	112640	14 100/105			
Caprice 5.7 Classic LTZ	01.91- 01.93	112640	14 100/105			
Caprice 5.7 LS	01.94-	111220	14 105			
Caprice 6.5	01.68- 01.69	110075	14 60	01.68- 01.69	110414	12
				01.66- 01.67	110216	12 1.4
Caprice 6.6	01.70- 01.71	110075	14 60	01.70- 01.71	111277	12
				01.71-	110216	12 1.4
	01.72-	110233	14 63			
	01.72-	110505	14 75			
				01.73-	112897	12 1.7
Caprice 7.0	01.68- 01.69	110075	14 60	01.68- 01.69	111277	12
				01.66- 01.67	110216	12 1.4
Caprice 7.4	01.70- 01.71	110075	14 60	01.70- 01.71	110216	12 1.4
	01.72-	110233	14 63			
	01.72-	110505	14 75			
Cavalier 2.0	01.83- 01.86	110492	14 108	01.83- 01.86	112900	12 1.4
	01.85-	110508	14 78			
Cavalier 2.0 CL	01.83-	110492	14 108	01.83-	112900	12 1.4
	01.85-	110508	14 78			
Cavalier 2.0 CS	01.83- 01.86	110492	14 108	01.83- 01.86	112900	12 1.4
	01.85-	110508	14 78			
Cavalier 2.0 RS	01.86-	110492	14 108	01.86-	112900	12 1.4
Cavalier 2.0 Type-10	01.83- 01.85	110492	14 108	01.83- 01.85	112900	12 1.4
	01.85-	110508	14 78			
Cavalier 2.8	01.85- 01.89	110505	14 75			
	01.85- 01.89	110471	14 94			
Cavalier 2.8 CS	01.85- 01.87	110505	14 75			
	01.85-	110508	14 78			
	01.85- 01.87	110471	14 94			
Cavalier 2.8 RS	01.86- 01.88	110505	14 75			
	01.86- 01.88	110471	14 94			
Cavalier 2.8 Type-10	01.85-	110505	14 75			
	01.85-	110471	14 94			
Cavalier 2.8 Z24	01.86- 01.89	110505	14 75			
	01.86- 01.89	110471	14 94			
Celebrity 2.5	01.87- 01.90	110499	14 100/105			
	01.82-	110505	14 75			
	01.83- 01.90	110471	14 94			
Celebrity 2.8	01.84- 01.89	110492	14 108			
	01.82- 01.86	110505	14 75			
	01.84-	110508	14 78			
	01.85- 01.89	110471	14 94			
Celebrity 4.3	01.82- 01.83	110233	14 63			
	01.82- 01.83	110505	14 75			
	01.84- 01.85	110508	14 78			
	01.84- 01.85	110471	14 94			
Chevelle 1.4	01.76- 01.77	110492	14 108			
Chevelle 1.4 Scooter	01.76- 01.76	110492	14 108			
Chevelle 1.6	01.76- 01.79	110492	14 108			
Chevelle 1.6 CS	01.84- 01.87	110492	14 108			
Chevelle 1.6 Scooter	01.76- 01.79	110492	14 108			
Chevelle 3.2	01.64- 01.66	110075	14 60			
Chevelle 3.8	01.64- 01.67	110075	14 60			


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Chevelle 3.8 300	01.68-	110075	14 60	01.68-	110414	12
Chevelle 3.8 300 Deluxe	01.68-	110075	14 60	01.68-	111277	12
Chevelle 3.8 Concours	01.68-	110075	14 60	01.68-	111277	12
Chevelle 3.8 Greenbrier	01.69-	110075	14 60	01.69-	110216	12 1.4
Chevelle 3.8 Malibu	01.68- 01.69	110075	14 60	01.68- 01.69	111277	12
Chevelle 3.8 Nomad	01.68- 01.69	110075	14 60	01.68- 01.69	111277	12
Chevelle 4.1	01.72-	110233	14 63			
	01.72-	110505	14 75			
	01.70- 01.71	110075	14 60	01.70- 01.71	110216	12 1.4
Chevelle 4.1 300	01.68-	110075	14 60	01.68-	111277	12
Chevelle 4.1 300 Deluxe	01.68-	110075	14 60	01.68-	111277	12
Chevelle 4.1 Concours	01.68- 01.71	110075	14 60	01.68- 01.71	111277	12
Chevelle 4.1 Deluxe	01.73-	110505	14 75			
Chevelle 4.1 Greenbrier	01.69- 01.71	110075	14 60	01.69- 01.71	110216	12 1.4
Chevelle 4.1 Malibu	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.68- 01.71	110075	14 60	01.68- 01.71	111277	12
Chevelle 4.1 Nomad	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.68- 01.71	110075	14 60	01.68- 01.71	111277	12
Chevelle 4.6	01.64- 01.67	110075	14 60			
Chevelle 5.0	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.70-	110075	14 60	01.70-	110216	12 1.4
Chevelle 5.0 300	01.68-	110075	14 60	01.68-	111277	12
Chevelle 5.0 300 Deluxe	01.69-	110075	14 60	01.69-	111277	12
Chevelle 5.0 Concours	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.69-	110075	14 60	01.69-	111277	12
				01.69-	110216	12 1.4
Chevelle 5.0 Deluxe	01.73-	110505	14 75			
Chevelle 5.0 Greenbrier	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.69-	110075	14 60	01.69-	110216	12 1.4
Chevelle 5.0 Malibu	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.68-	110075	14 60	01.68-	111277	12
				01.69-	110216	12 1.4
Chevelle 5.0 Nomad	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.68-	110075	14 60	01.68-	111277	12
				01.69-	110216	12 1.4
Chevelle 5.4	01.64- 01.67	110075	14 60			
Chevelle 5.4 300	01.68-	110075	14 60	01.68-	111277	12
Chevelle 5.4 Malibu	01.68-	110075	14 60	01.68-	111277	12
Chevelle 5.4 Nomad	01.68-	110075	14 60	01.68-	111277	12
Chevelle 5.7	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.70- 01.71	110075	14 60	01.70- 01.71	110216	12 1.4
Chevelle 5.7 300 Deluxe	01.69-	110075	14 60	01.69-	111277	12
Chevelle 5.7 Concours	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.69- 01.71	110075	14 60	01.69- 01.71	111277	12
				01.69- 01.71	110216	12 1.4
Chevelle 5.7 Deluxe	01.73-	110505	14 75			
Chevelle 5.7 Greenbrier	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.69- 01.71	110075	14 60	01.69- 01.71	110216	12 1.4
Chevelle 5.7 Malibu	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.69- 01.71	110075	14 60	01.69- 01.71	110216	12 1.4
Chevelle 5.7 Nomad	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.69- 01.71	110075	14 60	01.69- 01.71	110216	12 1.4
Chevelle 6.5	01.67- 01.67	110505	14 75			
	01.67- 01.67	110075	14 60			
Chevelle 6.5 300	01.68-	110075	14 60	01.68-	111277	12
Chevelle 6.5 300 Deluxe	01.69-	110075	14 60	01.69-	111277	12
Chevelle 6.5 Concours	01.69-	110075	14 60	01.69-	111277	12
				01.69-	110216	12 1.4
Chevelle 6.5 Greenbrier	01.69-	110075	14 60	01.69-	110216	12 1.4
Chevelle 6.5 Malibu	01.68- 01.69	110075	14 60	01.68- 01.69	111277	12
Chevelle 6.5 Nomad	01.68- 01.69	110075	14 60	01.68- 01.69	111277	12
Chevelle 6.5 SS	01.66- 01.68	110075	14 60	01.66- 01.68	111277	12
Chevelle 6.6	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.70-	110075	14 60	01.70-	110216	12 1.4
Chevelle 6.6 Concours	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.70-	110075	14 60	01.70-	110216	12 1.4
Chevelle 6.6 Greenbrier	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.70-	110075	14 60	01.70-	110216	12 1.4
Chevelle 6.6 Malibu	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.70- 01.71	110075	14 60	01.70- 01.71	110216	12 1.4
Chevelle 6.6 Nomad	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.70-	110075	14 60	01.70-	110216	12 1.4
Chevelle 6.6 SS	01.71- 01.71	110075	14 60			
Chevelle 7.4	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
Chevelle 7.4 Deluxe	01.73-	110505	14 75			
Chevelle 7.4 Malibu	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.68- 01.71	110075	14 60	01.68- 01.71	110216	12 1.4
Chevy 2.5	01.62- 01.67	110075	14 60			
Chevy 2.5 Nova	01.68-	110075	14 60	01.68-	111277	12
Chevy 3.2	01.62- 01.67	110075	14 60			
Chevy 3.8	01.64- 01.66	110075	14 60			



Chevy 3.8 Nova	01.68- 01.69	110075	14	60			
Chevy 4.1	01.67- 01.67	110075	14	60			
Chevy 4.1 Nova	01.68- 01.69	110075	14	60			
Chevy 4.6	01.62- 01.67	110075	14	60			
Chevy 5.0 Nova	01.69-	110075	14	60			
Chevy 5.4	01.65- 01.67	110075	14	60			
Chevy 5.4 Nova	01.68-	110075	14	60			
Chevy 5.7 Nova	01.69-	110075	14	60			
Chevy 6.5 Nova	01.68- 01.71	110075	14	60			
Citation 2.5	01.80- 01.81	110505	14	75			
	01.83-	110471	14	94			
Citation 2.8	01.80-	110505	14	75			
	01.83- 01.85	110508	14	78			
	01.85-	110471	14	94			
Corsica 2.2	01.94- 01.95	110500	14	100/105			
Corsica 2.2 LT	01.93-	110500	14	100/105			
Corvair 2.7	01.64- 01.67	110075	14	60			
Corvair 2.7 500	01.68- 01.69	110075	14	60			
Corvair 2.7 Monza	01.68- 01.69	110075	14	60			
Corvair 2.7 Turbo	01.64- 01.66	110075	14	60			
Corvette 3.9	01.55- 01.55	110505	14	75			
Corvette 5.0	01.80-	110233	14	63			
	01.80- 01.80	110505	14	75			
Corvette 5.4	01.66- 01.70	110075	14	60	01.66- 01.70	111277	12
					01.63- 01.65	110216	12 1.4
Corvette 5.7	01.69- 01.71	110233	14	63	01.69- 01.71	110216	12 1.4
	01.84- 01.87	110492	14	108			
	01.69- 01.71	110505	14	75			
Corvette 7.0	01.66- 01.67	110075	14	60	01.66- 01.67	110216	12 1.4
	01.68- 01.69	110505	14	75			
Corvette 7.4	01.70- 01.71	110233	14	63	01.70- 01.71	110216	12 1.4
	01.70- 01.71	110505	14	75			
El Camino 3.3	01.78- 01.79	110233	14	63			
	01.78- 01.79	110505	14	75			
El Camino 3.8	01.68- 01.69	110075	14	60	01.68- 01.69	110414	12
					01.64- 01.67	110216	12 1.4
	01.80- 01.82	110233	14	63			
	01.78- 01.84	110505	14	75			
El Camino 3.8 Custom	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12
El Camino 4.1	01.68- 01.71	110075	14	60	01.68- 01.71	110414	12
	01.72- 01.77	110233	14	63	01.72- 01.77	110216	12 1.4
	01.72- 01.77	110505	14	75			
El Camino 4.1 Custom	01.68- 01.71	110075	14	60	01.68- 01.71	111277	12
	01.72-	110233	14	63	01.72-	110216	12 1.4
	01.72- 01.72	110505	14	75			
El Camino 4.3	01.85- 01.87	110233	14	63			
	01.85- 01.87	110471	14	94			
El Camino 4.4	01.79- 01.82	110505	14	75			
El Camino 4.6	01.64- 01.67	110075	14	60	01.64- 01.67	110216	12 1.4
El Camino 5.0	01.68-	110075	14	60	01.68-	110414	12
					01.69-	110216	12 1.4
	01.72-	110233	14	63			
	01.72- 01.72	110505	14	75			
El Camino 5.0 Custom	01.68-	110075	14	60	01.68-	111277	12
					01.69-	110216	12 1.4
	01.72- 01.72	110233	14	63			
	01.72- 01.72	110505	14	75			
El Camino 5.4	01.68-	110075	14	60	01.68-	110414	12
					01.64- 01.67	110216	12 1.4
El Camino 5.4 Custom	01.68-	110075	14	60	01.68-	111277	12
El Camino 5.7	01.83-	110505	14	75			
	01.83-	110508	14	78			
	01.83-	110471	14	94			
El Camino 5.7	01.69- 01.71	110075	14	60	01.69- 01.71	110216	12 1.4
	01.72- 01.75	110233	14	63			
	01.72- 01.75	110505	14	75			
El Camino 5.7 Custom	01.69- 01.71	110075	14	60	01.69- 01.71	110216	12 1.4
	01.72- 01.75	110233	14	63			
	01.72- 01.75	110505	14	75			
El Camino 6.5	01.69-	110075	14	60	01.69-	110216	12 1.4
El Camino 6.5 Custom	01.69-	110075	14	60	01.69-	110216	12 1.4
El Camino 6.6	01.70-	110075	14	60	01.70-	110216	12 1.4
	01.72- 01.72	110233	14	63			
	01.74-	110505	14	75			
El Camino 6.6 Custom	01.70-	110075	14	60	01.70-	110216	12 1.4
	01.72-	110233	14	63			
	01.72- 01.72	110505	14	75			
El Camino 7.4	01.70-	110075	14	60	01.70-	110216	12 1.4
	01.73- 01.74	110505	14	75			
El Camino 7.4 Custom	01.70- 01.71	110075	14	60	01.70- 01.71	110216	12 1.4
	01.72-	110233	14	63			
	01.72- 01.72	110505	14	75			
Express 4.3 1500	01.01- 01.02	112853	14	130	01.01- 01.02	112341	12 2.5
					01.03-	112240	12 1.7
Express 4.3 2500	01.01- 01.02	112853	14	130	01.01- 01.02	112240	12 1.7
					01.04-	112241	12 1.5
Express 4.8 2500	01.03-	112853	14	130	01.03-	112240	12 1.7
					01.04-	112241	12 1.5
Express 5.0 1500	01.02- 01.02	112853	14	130	01.02- 01.02	112341	12 2.5
Express 5.0 2500	01.02- 01.02	112853	14	130	01.02- 01.02	112240	12 1.7
Express 5.3 1500	01.03-	112853	14	130	01.03-	112240	12 1.7
Express 5.3 2500	01.03-	112853	14	130	01.03-	112241	12 1.5
Express 5.7 1500	01.02- 01.02	112853	14	130	01.02- 01.02	112240	12 1.7
Express 5.7 2500	01.02- 01.02	112853	14	130	01.02- 01.02	112240	12 1.7
Express 5.7 3500	01.02- 01.02	112853	14	130			
Express 6.0 2500	01.03-	112853	14	130	01.03-	112241	12 1.5
Express 6.0 3500	01.03-	112853	14	130			
Express 8.1 3500	01.01- 01.02	112853	14	130			
G10 2.5	01.64- 01.65	110075	14	60	01.64- 01.65	110216	12 1.4



CHEVROLET Continued

G10 3.8	01.69-	110075	14 60	01.69-	111034	12 1.2
				01.66- 01.67	110216	12 1.4
G10 3.8 Sportvan	01.68- 01.69	110075	14 60	01.68- 01.69	111034	12 1.2
G10 4.1	01.72- 01.72	110233	14 63	01.72- 01.72	110216	12 1.4
	01.73- 01.75	110505	14 75			
	01.69- 01.69	110075	14 60			
G10 4.1 Sportvan	01.72- 01.72	110233	14 63	01.72- 01.72	110216	12 1.4
	01.73- 01.75	110505	14 75			
	01.68- 01.69	110075	14 60			
G10 4.3	01.85- 01.86	110233	14 63	01.85- 01.86	110216	12 1.4
	01.87- 01.90	110500	14 100/105			
	01.85- 01.86	110505	14 75			
	01.87- 01.90	110471	14 94			
	01.91-	112629	14 100/105			
	01.87- 01.90	112640	14 100/105			
G10 4.3 Express	01.96-	111712	14 105			
	01.91-	112629	14 100/105			
G10 4.3 Sportvan	01.85- 01.86	110233	14 63	01.85- 01.86	110216	12 1.4
	01.87- 01.90	110500	14 100/105			
				01.91- 01.93	112240	12 1.7
	01.85- 01.86	110505	14 75			
	01.87- 01.90	110471	14 94			
	01.91-	112629	14 100/105			
	01.87- 01.90	112640	14 100/105			
G10 5.0	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.87- 01.95	110500	14 100/105			
	01.72- 01.72	110505	14 75			
	01.70-	110075	14 60	01.70-	111034	12 1.2
	01.87- 01.95	110471	14 94			
	01.87- 01.95	112640	14 100/105			
G10 5.0 Express	01.96-	111712	14 105			
G10 5.0 Sportvan	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.87- 01.93	110500	14 100/105			
	01.72- 01.72	110505	14 75			
	01.68-	110075	14 60	01.68-	111034	12 1.2
	01.87- 01.93	110471	14 94			
	01.87- 01.93	112640	14 100/105			
G10 5.7	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.72- 01.72	110505	14 75	01.72- 01.72	112240	12 1.7
	01.70- 01.71	110075	14 60			
	01.94- 01.95	111711	14 105			
	01.87- 01.91	112629	14 100/105			
G10 5.7 Express	01.87- 01.91	112629	14 100/105			
G10 5.7 Sportvan	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.87- 01.93	110500	14 100/105			
				01.87-	112240	12 1.7
	01.72- 01.72	110505	14 75			
	01.70- 01.71	110075	14 60	01.70- 01.71	111034	12 1.2
	01.85- 01.86	110471	14 94			
	01.87- 01.91	112629	14 100/105			
	01.87- 01.93	112640	14 100/105			
G10 7.4	01.73- 01.74	110505	14 75			
G1500 4.3	01.91-	112629	14 100/105	01.91-	112240	12 1.7
G1500 5.7	01.87- 01.91	112629	14 100/105			
G20 3.8	01.68- 01.69	110075	14 60	01.68- 01.69	111034	12 1.2
				01.67- 01.67	110216	12 1.4
G20 3.8 Sportvan	01.68- 01.69	110075	14 60	01.68- 01.69	111034	12 1.2
G20 4.1	01.72- 01.72	110233	14 63	01.72- 01.72	110216	12 1.4
	01.73- 01.75	110505	14 75			
	01.68- 01.69	110075	14 60			
G20 4.1 Sportvan	01.72- 01.72	110233	14 63	01.72- 01.72	110216	12 1.4
	01.73- 01.74	110505	14 75			
	01.68- 01.69	110075	14 60			
G20 4.3	01.85- 01.86	110233	14 63	01.85- 01.86	110216	12 1.4
	01.87- 01.90	110500	14 100/105			
	01.85- 01.86	110505	14 75			
	01.87- 01.90	110471	14 94			
	01.91-	112629	14 100/105			
	01.87- 01.90	112640	14 100/105			
G20 4.3 Sportvan	01.85- 01.86	110233	14 63	01.85- 01.86	110216	12 1.4
	01.87- 01.90	110500	14 100/105			
	01.85- 01.86	110505	14 75			
	01.87- 01.90	110471	14 94			
	01.91-	112629	14 100/105			
	01.87- 01.90	112640	14 100/105			
G20 4.8	01.73- 01.80	110505	14 75	01.73- 01.80	110216	12 1.4
G20 4.8 Sportvan	01.75- 01.78	110505	14 75	01.75- 01.78	112240	12 1.7
G20 4.8	01.74- 01.74	110505	14 75			
G20 5.0	01.87- 01.95	110500	14 100/105	01.87- 01.95	110216	12 1.4
	01.77- 01.79	110505	14 75			
	01.68-	110075	14 60	01.68-	111034	12 1.2
	01.87- 01.95	112640	14 100/105			
G20 5.0 Sportvan	01.87- 01.95	110500	14 100/105	01.87- 01.95	110216	12 1.4
	01.77- 01.78	110505	14 75			
	01.68-	110075	14 60	01.68-	111034	12 1.2
	01.83- 01.86	110471	14 94			
	01.87- 01.95	112640	14 100/105			
G20 5.7	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.87- 01.95	110500	14 100/105			
	01.72- 01.72	110505	14 75			
				01.74- 01.76	112341	12 2.5
	01.70- 01.71	110075	14 60	01.70- 01.71	111034	12 1.2
	01.87- 01.91	112629	14 100/105			
	01.87- 01.95	112640	14 100/105			
G20 5.7 Express	01.87- 01.91	112629	14 100/105			



G20 5.7 Sportvan		01.72-	110233	14 63		01.72-	110216	12 1.4
		01.84- 01.86	110499	14 100/105				
		01.87- 01.95	110500	14 100/105				
		01.72- 01.72	110505	14 75				
		01.84- 01.86	110508	14 78				
		01.70- 01.71	110075	14 60				
		01.87- 01.91	112629	14 100/105				
		01.87- 01.95	112640	14 100/105				
G20 5.7		01.74-	110505	14 75		01.74-	112341	12 2.5
		01.87- 01.91	112629	14 100/105				
G20 6.2		01.83- 01.93	110233	14 63		01.83- 01.93	110216	12 1.4
		01.83- 01.93	110505	14 75				
G20 6.2 Sportvan		01.83- 01.93	110233	14 63		01.83- 01.93	110216	12 1.4
		01.83- 01.93	110505	14 75				
G20 6.5		01.94- 01.95	110500	14 100/105		01.94- 01.95	110216	12 1.4
G20 6.5 Sportvan		01.94- 01.95	110500	14 100/105		01.94- 01.95	110216	12 1.4
G20 6.6		01.75-	110505	14 75		01.75-	112341	12 2.5
G20 6.6 Sportvan		01.75-	110505	14 75		01.75-	112240	12 1.7
G20 7.4		01.73- 01.74	110505	14 75		01.73- 01.74	112341	12 2.5
G2500 4.3		01.91-	112629	14 100/105		01.91-	112240	12 1.7
G2500 5.7		01.87- 01.91	112629	14 100/105		01.87- 01.91	112341	12 2.5
G30 4.1		01.72- 01.72	110233	14 63		01.72- 01.72	110216	12 1.4
		01.73- 01.74	110505	14 75				
		01.71-	110075	14 60		01.76- 01.84	112341	12 2.5
		01.72- 01.72	110233	14 63		01.72- 01.72	110216	12 1.4
G30 4.1 Sportvan		01.73- 01.74	110505	14 75				
		01.71- 01.71	110075	14 60				
G30 4.3		01.85- 01.86	110233	14 63		01.85- 01.86	110216	12 1.4
		01.87- 01.90	110500	14 100/105				
		01.85- 01.86	110505	14 75				
		01.87- 01.90	110471	14 94				
		01.96-	111711	14 105				
		01.91-	112629	14 100/105				
		01.87- 01.90	112640	14 100/105				
G30 4.8		01.74- 01.79	110505	14 75		01.74- 01.79	110216	12 1.4
G30 4.8 Sportvan		01.75- 01.78	110505	14 75		01.75- 01.78	112341	12 2.5
G30 4.8		01.74- 01.74	110505	14 75				
G30 5.0		01.78- 01.79	110505	14 75		01.78- 01.79	112240	12 1.7
G30 5.7		01.72-	110233	14 63		01.72-	110216	12 1.4
		01.87- 01.96	110500	14 100/105				
		01.72-	110505	14 75				
						01.74- 01.76	112341	12 2.5
						01.80- 01.88	112240	12 1.7
		01.71-	110075	14 60		01.71-	111034	12 1.2
		01.87- 01.91	112629	14 100/105				
		01.87- 01.96	112640	14 100/105				
G30 5.7 Express		01.87- 01.91	112629	14 100/105				
G30 5.7 Sportvan		01.72-	110233	14 63		01.72-	110216	12 1.4
		01.87- 01.96	110500	14 100/105				
		01.72- 01.72	110505	14 75				
						01.76- 01.86	112240	12 1.7
		01.71-	110075	14 60				
		01.87- 01.91	112629	14 100/105				
		01.87- 01.96	112640	14 100/105				
G30 6.2		01.83- 01.93	110233	14 63		01.83- 01.93	110216	12 1.4
		01.83- 01.93	110505	14 75				
G30 6.2 Sportvan		01.92- 01.92	110984	14 100/105				
		01.83- 01.93	110233	14 63		01.83- 01.93	110216	12 1.4
		01.83- 01.93	110505	14 75				
G30 6.5		01.94- 01.95	110500	14 100/105		01.94- 01.95	110216	12 1.4
G30 6.5 Sportvan		01.94- 01.95	110500	14 100/105		01.94- 01.95	110216	12 1.4
G30 6.6		01.75-	110505	14 75		01.75-	112341	12 2.5
						01.77- 01.80	112240	12 1.7
G30 6.6 Sportvan		01.75-	110505	14 75		01.75-	112341	12 2.5
						01.77- 01.80	112240	12 1.7
G30 7.4		01.73- 01.75	110505	14 75		01.73- 01.75	112341	12 2.5
						01.76-	112240	12 1.7
		01.88- 01.95	110984	14 100/105				
		01.96-	111711	14 105				
G30 7.4 Sportvan		01.88- 01.95	110984	14 100/105				
		01.96-	111711	14 105				
G3500 5.7						01.96- 01.98	112240	12 1.7
		01.87- 01.91	112629	14 100/105		01.87- 01.91	112341	12 2.5
G3500 7.4						01.98- 01.98	112240	12 1.7
HHR 2.4	[LE5]					08.04-	115575	12 1.4
Impala 3.8		01.80- 01.82	110233	14 63		01.80- 01.82	110216	12 1.4
		01.80- 01.84	110505	14 75				
		01.85-	110508	14 78				
		01.83- 01.84	110471	14 94				
		01.63- 01.65	110075	14 60				
Impala 4.1		01.72- 01.79	110233	14 63		01.72- 01.79	110216	12 1.4
		01.72- 01.79	110505	14 75				
		01.68- 01.71	110075	14 60		01.68- 01.71	110414	12
Impala 4.1 Custom		01.77-	110505	14 75				
Impala 4.3		01.85-	110233	14 63		01.85-	110216	12 1.4
		01.85-	110492	14 108				
		01.85- 01.85	110505	14 75				
		01.85-	110471	14 94				
Impala 4.4		01.80- 01.82	110505	14 75				
Impala 4.6		01.63- 01.67	110075	14 60		01.63- 01.67	110216	12 1.4
Impala 5.0		01.77- 01.78	110505	14 75				
		01.68-	110075	14 60		01.68-	110414	12
Impala 5.0 Custom		01.77-	110505	14 75				
Impala 5.4		01.68-	110075	14 60		01.68-	110414	12
						01.69-	111277	12
						01.63- 01.67	110216	12 1.4
Impala 5.7		01.80- 01.83	110505	14 75				
		01.84- 01.85	110508	14 78				
		01.83- 01.87	110471	14 94				



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Impala 5.7	01.72- 01.75	110233	14	63	01.72- 01.75	110216	12	1.4
	01.72- 01.75	110505	14	75				
					01.74- 01.82	112900	12	1.4
	01.83- 01.85	110471	14	94				
	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12	
Impala 5.7 Custom	01.76- 01.77	110505	14	75				
Impala 5.7 SS	01.94- 01.96	111220	14	105				
Impala 6.5	01.68- 01.69	110075	14	60	01.68- 01.69	110414	12	
					01.66- 01.67	110216	12	1.4
Impala 6.6	01.72- 01.74	110233	14	63	01.72- 01.74	110216	12	1.4
	01.72- 01.74	110505	14	75				
	01.70- 01.71	110075	14	60	01.70- 01.71	111277	12	
Impala 6.6 Custom	01.76- 01.76	110505	14	75				
Impala 6.7	01.63- 01.65	110075	14	60	01.63- 01.65	110216	12	1.4
Impala 7.0	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
					01.66- 01.67	110216	12	1.4
Impala 7.4	01.72-	110233	14	63	01.72-	110216	12	1.4
	01.72- 01.72	110505	14	75				
					01.74- 01.75	112900	12	1.4
	01.70- 01.71	110075	14	60	01.70- 01.71	111277	12	
Impala 7.4 Custom	01.76-	110505	14	75				
K10 3.8	01.69- 01.69	110075	14	60	01.69- 01.69	111277	12	
					01.64- 01.65	110216	12	1.4
K10 4.1	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.75	110505	14	75				
	01.70- 01.70	110075	14	60	01.70- 01.70	111277	12	
					01.71- 01.71	111034	12	1.2
K10 4.1 Suburban	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.75	110505	14	75				
	01.70- 01.70	110075	14	60				
K10 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
K10 4.6	01.63- 01.67	110075	14	60	01.63- 01.67	110216	12	1.4
K10 4.8	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
	01.64- 01.66	110075	14	60				
K10 5.0	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
	01.85- 01.86	110471	14	94				
	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
K10 5.0 Suburban	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110505	14	75				
	01.83- 01.83	110471	14	94				
	01.68- 01.69	110075	14	60				
K10 5.4	01.68- 01.68	110075	14	60	01.68- 01.68	111277	12	
					01.62- 01.67	110216	12	1.4
K10 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
K10 5.7	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110505	14	75				
	01.84- 01.86	110471	14	94				
	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12	
	01.87- 01.89	112629	14	100/105				
K10 5.7 Suburban	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110505	14	75				
	01.85- 01.86	110471	14	94				
	01.69- 01.71	110075	14	60				
	01.87- 01.89	112629	14	100/105				
K10 6.2	01.82- 01.84	110233	14	63	01.82- 01.84	110216	12	1.4
	01.85- 01.86	110492	14	108				
	01.82- 01.84	110505	14	75				
	01.85- 01.86	110471	14	94				
K10 6.2 Suburban	01.82- 01.83	110233	14	63	01.82- 01.83	110216	12	1.4
	01.84- 01.86	110492	14	108				
	01.82- 01.83	110505	14	75				
	01.84- 01.86	110471	14	94				
K10 6.5	01.68- 01.68	110075	14	60	01.68- 01.68	111277	12	
					01.69- 01.69	110216	12	1.4
K10 6.5 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
K10 6.6	01.75- 01.75	110505	14	75	01.75- 01.75	110216	12	1.4
K10 6.6 Suburban	01.75- 01.75	110505	14	75				
	01.70- 01.72	110075	14	60	01.70- 01.72	110216	12	1.4
K10 7.4	01.76- 01.80	110505	14	75	01.76- 01.80	110216	12	1.4
K1500 4.3	01.88- 01.89	110500	14	100/105	01.88- 01.89	111034	12	1.2
					01.90- 01.95	110216	12	1.4
	01.88- 01.89	112640	14	100/105				
K1500 5.0	01.88- 01.95	110500	14	100/105	01.88- 01.95	111034	12	1.2
	01.88- 01.95	112640	14	100/105				
K1500 5.7	01.88- 01.95	110500	14	100/105	01.88- 01.95	111034	12	1.2
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112240	12	1.7
	01.88- 01.95	112640	14	100/105				
K1500 5.7 Suburban	01.92- 01.95	110500	14	100/105	01.92- 01.95	112341	12	2.5
	01.87- 01.89	112629	14	100/105				
K1500 6.2	01.88- 01.93	110500	14	100/105	01.88- 01.93	111034	12	1.2
	01.88- 01.93	112640	14	100/105				
K1500 6.5	01.94-	110500	14	100/105	01.94-	112341	12	2.5
K1500 6.5 Turbo	01.94-	110500	14	100/105	01.94-	110216	12	1.4
					01.94-	112341	12	2.5
K1500 6.5 Turbo Suburban	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
K20 3.8	01.64- 01.65	110075	14	60	01.64- 01.65	110216	12	1.4
K20 4.1	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.75	110505	14	75				
	01.70- 01.70	110075	14	60	01.70- 01.70	111034	12	1.2
K20 4.1 Suburban	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.74	110505	14	75				
	01.70- 01.70	110075	14	60				
K20 4.3	01.85-	110233	14	63	01.85-	110216	12	1.4
	01.85- 01.85	110505	14	75				
K20 4.6	01.63- 01.67	110075	14	60	01.63- 01.67	110216	12	1.4
K20 4.8	01.73- 01.86	110505	14	75				
	01.70- 01.72	110075	14	60	01.70- 01.72	111277	12	
					01.64- 01.67	110216	12	1.4



K20 4.8 Suburban	01.73- 01.79	110505	14 75				
	01.68- 01.68	110075	14 60		01.68- 01.68	110216	12 1.4
K20 4.8	01.74- 01.74	110505	14 75				
K20 5.0	01.77- 01.78	110505	14 75				
	01.85- 01.85	110471	14 94				
	01.68- 01.69	110075	14 60		01.68- 01.69	111277	12
K20 5.0 Suburban	01.72- 01.72	110233	14 63		01.72- 01.72	110216	12 1.4
	01.72- 01.72	110505	14 75				
	01.85- 01.86	110471	14 94				
	01.68- 01.69	110075	14 60				
K20 5.4	01.68- 01.68	110075	14 60		01.68- 01.68	111277	12
					01.64- 01.67	110216	12 1.4
K20 5.4 Suburban	01.68- 01.68	110075	14 60		01.68- 01.68	110216	12 1.4
K20 5.7	01.72- 01.72	110233	14 63		01.72- 01.72	110216	12 1.4
	01.72- 01.72	110505	14 75				
	01.69- 01.71	110075	14 60		01.69- 01.71	111277	12
	01.87- 01.89	112629	14 100/105				
K20 5.7 Suburban	01.72- 01.72	110233	14 63		01.72- 01.72	110216	12 1.4
	01.72- 01.72	110505	14 75				
	01.83- 01.86	110471	14 94				
	01.69- 01.70	110075	14 60				
	01.87- 01.89	112629	14 100/105				
K20 6.0	01.66- 01.66	110075	14 60		01.66- 01.66	110216	12 1.4
K20 6.2	01.82- 01.86	110233	14 63		01.82- 01.86	110216	12 1.4
	01.82- 01.86	110505	14 75				
K20 6.2 Suburban	01.82- 01.83	110233	14 63		01.82- 01.83	110216	12 1.4
	01.84- 01.86	110492	14 108				
	01.82- 01.83	110505	14 75				
	01.84- 01.86	110471	14 94				
K20 6.5	01.68- 01.68	110075	14 60		01.68- 01.68	111277	12
					01.69- 01.69	110216	12 1.4
K20 6.6	01.75- 01.75	110505	14 75				
K20 6.6 Suburban	01.75- 01.75	110505	14 75				
K20 6.7	01.64- 01.65	110075	14 60		01.64- 01.65	110216	12 1.4
K20 7.4	01.73- 01.74	110505	14 75				
K20 7.4 Suburban	01.85- 01.85	110233	14 63		01.85- 01.85	110216	12 1.4
	01.73- 01.73	110505	14 75				
	01.85- 01.85	110471	14 94				
K2500 4.3	01.88- 01.89	110500	14 100/105		01.88- 01.89	111034	12 1.2
					01.90- 01.95	110216	12 1.4
	01.88- 01.89	112640	14 100/105				
K2500 5.0	01.88- 01.89	110500	14 100/105		01.88- 01.89	111034	12 1.2
					01.90- 01.95	110216	12 1.4
	01.88- 01.89	112640	14 100/105				
K2500 5.7	01.88- 01.95	110500	14 100/105		01.88- 01.95	110216	12 1.4
	01.87- 01.89	112629	14 100/105		01.87- 01.89	112240	12 1.7
	01.88- 01.95	112640	14 100/105				
K2500 5.7 Suburban	01.92- 01.95	110500	14 100/105		01.92- 01.95	112341	12 2.5
	01.87- 01.89	112629	14 100/105		01.87- 01.89	112240	12 1.7
K2500 6.2	01.88- 01.93	110500	14 100/105		01.88- 01.93	110216	12 1.4
	01.88- 01.93	112640	14 100/105				
K2500 6.5	01.94- 01.94	110500	14 100/105		01.94- 01.94	112341	12 2.5
K2500 6.5 Turbo	01.92- 01.94	110500	14 100/105		01.92- 01.94	110216	12 1.4
					01.94- 01.94	112341	12 2.5
	01.92- 01.94	112640	14 100/105				
K2500 6.5 Turbo Suburban	01.94- 01.95	110500	14 100/105		01.94- 01.95	112341	12 2.5
K2500 7.4	01.94- 01.95	110500	14 100/105		01.94- 01.95	112341	12 2.5
	01.91- 01.93	110984	14 100/105		01.91- 01.93	112240	12 1.7
K2500 7.4 Suburban	01.94- 01.95	110500	14 100/105		01.94- 01.95	112341	12 2.5
	01.92- 01.93	110984	14 100/105		01.92- 01.93	112240	12 1.7
K30 4.1	01.72- 01.72	110233	14 63		01.72- 01.72	110216	12 1.4
	01.73- 01.75	110505	14 75				
	01.70- 01.70	110075	14 60				
K30 4.8	01.73- 01.86	110505	14 75				
	01.68- 01.68	110075	14 60		01.68- 01.68	111277	12
					01.69- 01.72	110216	12 1.4
K30 4.8	01.74- 01.74	110505	14 75				
K30 5.0	01.72- 01.72	110233	14 63		01.72- 01.72	110216	12 1.4
	01.72- 01.72	110505	14 75				
	01.68- 01.69	110075	14 60		01.68- 01.69	111277	12
K30 5.4	01.68- 01.68	110075	14 60		01.68- 01.68	110216	12 1.4
K30 5.7	01.72- 01.72	110233	14 63		01.72- 01.72	110216	12 1.4
	01.77- 01.80	110505	14 75				
	01.85- 01.85	110471	14 94				
	01.69- 01.71	110075	14 60				
	01.87- 01.89	112629	14 100/105				
K30 6.2	01.82- 01.86	110233	14 63		01.82- 01.86	110216	12 1.4
	01.82- 01.86	110505	14 75				
K30 6.5	01.68- 01.68	110075	14 60		01.68- 01.68	111277	12
					01.69- 01.69	110216	12 1.4
K30 6.6	01.77- 01.80	110505	14 75				
	01.70- 01.71	110075	14 60		01.70- 01.71	110216	12 1.4
K30 7.4	01.77- 01.80	110505	14 75				
K3500 5.7	01.88- 01.95	110500	14 100/105		01.88- 01.95	110216	12 1.4
	01.87- 01.89	112629	14 100/105		01.87- 01.89	112240	12 1.7
	01.88- 01.95	112640	14 100/105				
K3500 6.2	01.88- 01.93	110500	14 100/105		01.88- 01.93	110216	12 1.4
	01.88- 01.93	112640	14 100/105				
K3500 6.5 Turbo	01.92- 01.94	110500	14 100/105		01.92- 01.94	110216	12 1.4
					01.95- 01.00	112341	12 2.5
	01.92- 01.94	112640	14 100/105				
K3500 7.4	01.94- 01.95	110500	14 100/105		01.94- 01.95	112341	12 2.5
	01.88- 01.93	110984	14 100/105				
Kingswood 5.7	01.72- 01.72	110233	14 63		01.72- 01.72	110216	12 1.4
	01.72- 01.72	110505	14 75				
	01.69- 01.71	110075	14 60				
Kingswood 6.6	01.72- 01.72	110233	14 63		01.72- 01.72	110216	12 1.4
	01.72- 01.72	110505	14 75				
	01.70- 01.71	110075	14 60				



CHEVROLET Continued

Kingswood 7.4		01.72-	110233	14	63	01.72-	110216	12	1.4
		01.72- 01.72	110505	14	75				
		01.70-	110075	14	60				
Laguna 5.0		01.76-	110505	14	75	01.76-	110216	12	1.4
Laguna 5.7		01.73- 01.75	110505	14	75	01.73- 01.75	110216	12	1.4
Laguna 6.6		01.74-	110505	14	75	01.74-	110216	12	1.4
Laguna 7.4		01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
LLV 2.5 Postal Vehicle		01.92-	110499	14	100/105				
Lumina 2.2	[LN2]	01.90- 01.92	110499	14	100/105	01.90- 01.92	112900	12	1.4
		01.93-	110500	14	100/105				
		01.99-	112615	14	105				
Lumina 3.1		01.99-	112615	14	105				
Lumina 3.4 Euro		01.91- 01.94	110499	14	100/105	01.91- 01.94	112900	12	1.4
Lumina 3.8 APV		01.92- 01.95	111220	14	105	01.92- 01.95	112900	12	1.4
Lumina 3.8 LTZ		01.98- 01.98	112615	14	105				
Luv 1.8		01.72- 01.81	110128	14	35	01.72- 01.81	111683	12	2.0
Luv 2.2 Diesel		01.81- 01.82	110697	14	50				
Malibu 3.2		01.64- 01.66	110075	14	60	01.64- 01.66	110414	12	
Malibu 3.3		01.78- 01.79	110233	14	63	01.78- 01.79	110414	12	
		01.78- 01.79	110505	14	75	01.78- 01.79	110216	12	1.4
Malibu 3.8		01.80- 01.81	110233	14	63	01.80- 01.81	110414	12	
						01.80- 01.82	111277	12	
						01.83-	110216	12	1.4
		01.78- 01.83	110505	14	75				
		01.64- 01.67	110075	14	60				
Malibu 4.1		01.74- 01.77	110505	14	75	01.74- 01.77	112900	12	1.4
		01.67- 01.67	110075	14	60	01.67- 01.67	110414	12	
Malibu 4.3		01.82-	110505	14	75	01.82-	110216	12	1.4
		01.83-	110471	14	94				
Malibu 4.4		01.79- 01.82	110505	14	75	01.79- 01.82	110216	12	1.4
Malibu 4.6		01.64- 01.67	110075	14	60	01.64- 01.67	110414	12	
Malibu 5.0		01.79- 01.83	110505	14	75	01.79- 01.83	110216	12	1.4
Malibu 5.4		01.64- 01.67	110075	14	60	01.64- 01.67	110414	12	
Malibu 5.7		01.82-	110233	14	63	01.82-	111277	12	
		01.83-	110505	14	75	01.83-	110216	12	1.4
		01.83-	110508	14	78				
		01.83-	110471	14	94				
Malibu 5.7		01.73- 01.75	110505	14	75	01.73- 01.75	110216	12	1.4
						01.74- 01.75	112900	12	1.4
Malibu 6.5		01.66- 01.67	110075	14	60	01.66- 01.67	110414	12	
Malibu 6.6		01.74- 01.76	110505	14	75	01.74- 01.76	110216	12	1.4
						01.74-	112900	12	1.4
Malibu 7.4		01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
						01.74- 01.75	112900	12	1.4
Metro 1.0		01.98- 01.98	111279	14	50	01.98- 01.98	111310	12	0.8
Metro 1.3		01.99- 01.00	111279	14	50	01.99- 01.00	111310	12	0.8
Metro 1.3 LSI		01.98- 01.98	111279	14	50	01.98- 01.98	111310	12	0.8
Monte Carlo 3.3		01.78- 01.79	110233	14	63	01.78- 01.79	110216	12	1.4
		01.78- 01.79	110505	14	75				
Monte Carlo 3.8		01.80- 01.82	110233	14	63	01.80- 01.82	110216	12	1.4
		01.78- 01.84	110505	14	75				
						01.83- 01.84	112900	12	1.4
		01.85- 01.87	110471	14	94				
Monte Carlo 3.8 Z34		01.98- 01.98	112615	14	105				
Monte Carlo 3.8 Turbo		01.80- 01.81	110505	14	75	01.80- 01.81	110216	12	1.4
Monte Carlo 4.3		01.82- 01.83	110505	14	75	01.82- 01.83	112900	12	1.4
Monte Carlo 4.3		01.85- 01.88	110233	14	63	01.85- 01.88	110216	12	1.4
		01.85- 01.88	110471	14	94				
Monte Carlo 4.4		01.79- 01.82	110505	14	75	01.79- 01.82	110216	12	1.4
Monte Carlo 5.0		01.79- 01.88	110505	14	75	01.79- 01.88	110216	12	1.4
Monte Carlo 5.0 SS		01.84- 01.86	110505	14	75	01.84- 01.86	110216	12	1.4
		01.87- 01.88	110508	14	78				
		01.87- 01.88	110471	14	94				
Monte Carlo 5.7		01.82- 01.83	110233	14	63	01.82- 01.83	110216	12	1.4
		01.82- 01.83	110505	14	75	01.82- 01.83	112900	12	1.4
		01.84-	110508	14	78				
		01.84-	110471	14	94				
Monte Carlo 5.7		01.72-	110233	14	63	01.72-	110216	12	1.4
		01.81- 01.81	110505	14	75				
		01.70- 01.71	110075	14	60	01.70- 01.71	110414	12	
Monte Carlo 6.6		01.72- 01.74	110233	14	63	01.72- 01.74	110216	12	1.4
		01.74- 01.76	110505	14	75				
		01.71- 01.71	110075	14	60	01.71- 01.71	110414	12	
Monte Carlo 7.4		01.72-	110233	14	63	01.72-	110216	12	1.4
		01.72- 01.72	110505	14	75				
		01.70- 01.71	110075	14	60				
Monza 2.3		01.75- 01.76	110233	14	63	01.75- 01.76	110414	12	
		01.75- 01.76	110505	14	75				
						01.75- 01.77	111277	12	
Monza 2.3 2+2		01.76-	110233	14	63	01.76-	110414	12	
		01.76-	110505	14	75	01.76-	110216	12	1.4
Monza 2.5		01.78- 01.79	110505	14	75				
Monza 2.5 2+2		01.78- 01.79	110505	14	75				
Monza 3.2		01.78- 01.79	110505	14	75				
Monza 3.2 2+2		01.78- 01.79	110505	14	75				
Monza 3.8		01.78- 01.80	110505	14	75				
Monza 3.8 2+2		01.79-	110505	14	75	01.79-	110414	12	
Monza 4.3		01.75- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4
Monza 4.3 2+2		01.76-	110505	14	75				
Monza 5.0		01.76-	110505	14	75	01.76-	110216	12	1.4
Monza 5.0 2+2		01.79-	110505	14	75	01.79-	110414	12	
Monza 5.7		01.75-	110505	14	75	01.75-	110216	12	1.4
Nova 2.5		01.62- 01.67	110075	14	60	01.62- 01.67	111277	12	
						01.70-	110216	12	1.4
Nova 3.2		01.62- 01.67	110075	14	60	01.62- 01.67	110216	12	1.4
Nova 3.8		01.64- 01.66	110075	14	60	01.64- 01.66	110216	12	1.4
Nova 4.1		01.72- 01.79	110233	14	63	01.72- 01.79	110216	12	1.4
		01.72- 01.79	110505	14	75				
		01.67- 01.67	110075	14	60	01.67- 01.67	111277	12	
Nova 4.1 Concours		01.76- 01.77	110505	14	75				



Nova 4.1 Custom	01.73- 01.79	110505	14 75				
Nova 4.3	01.75-	110505	14 75				
Nova 4.3 Custom	01.75-	110505	14 75				
Nova 4.6	01.62- 01.67	110075	14 60	01.62- 01.67	110216	12 1.4	
Nova 5.0	01.72- 01.73	110233	14 63	01.72- 01.73	110216	12 1.4	
	01.76-	110505	14 75				
	01.70-	110075	14 60				
Nova 5.0 Concours	01.76-	110505	14 75				
Nova 5.0 Custom	01.78-	110505	14 75				
Nova 5.4	01.65- 01.67	110075	14 60	01.65- 01.67	110216	12 1.4	
Nova 5.7	01.72- 01.75	110233	14 63	01.72- 01.75	110216	12 1.4	
	01.74-	110505	14 75				
	01.70- 01.71	110075	14 60				
Nova 5.7 Concours	01.76- 01.77	110505	14 75				
Nova 5.7 Custom	01.74- 01.79	110505	14 75				
Nova 6.5	01.70-	110075	14 60	01.70-	110216	12 1.4	
Nova 6.6	01.70-	110075	14 60	01.70-	110216	12 1.4	
One-fifty Series 3.9	01.55- 01.57	110505	14 75				
One-fifty Series 4.3	01.55- 01.57	110505	14 75				
One-fifty Series 4.6	01.57- 01.57	110505	14 75				
P 10 4.1	01.73- 01.74	110505	14 75				
	01.70-	110075	14 60	01.70-	110216	12 1.4	
P 10 4.8	01.75- 01.80	110505	14 75				
P 10 5.7	01.73- 01.75	110505	14 75				
P 10 7.4	01.73-	110505	14 75				
P 20 3.8	01.63- 01.65	110075	14 60	01.63- 01.65	110216	12 1.4	
P 20 4.1	01.73- 01.74	110505	14 75				
	01.66- 01.66	110075	14 60	01.66- 01.66	110216	12 1.4	
P 20 4.8	01.73- 01.89	110505	14 75				
	01.64- 01.67	110075	14 60	01.64- 01.67	110216	12 1.4	
P 20 5.0	01.68- 01.69	110075	14 60	01.68- 01.69	110216	12 1.4	
P 20 5.7	01.74-	110505	14 75				
	01.64- 01.65	110075	14 60	01.64- 01.65	110216	12 1.4	
P 20 6.2	01.82- 01.89	110233	14 63	01.82- 01.89	110216	12 1.4	
	01.82- 01.89	110505	14 75				
P 20 6.7	01.64- 01.65	110075	14 60	01.64- 01.65	110216	12 1.4	
P 20 7.4	01.76-	110505	14 75				
P10 2.5	01.63- 01.65	110075	14 60				
P10 3.2	01.66- 01.66	110075	14 60				
P10 3.8	01.63- 01.67	110075	14 60				
P10 4.8	01.67- 01.67	110075	14 60				
P20 4.1	01.70- 01.70	110075	14 60	01.70- 01.70	110216	12 1.4	
P20 5.7	01.87- 01.89	110984	14 100/105				
P30 3.8	01.63- 01.65	110075	14 60	01.63- 01.65	110216	12 1.4	
P30 3.9 Turbo	01.89- 01.91	110471	14 94				
P30 4.1	01.73- 01.74	110505	14 75	01.73- 01.74	112240	12 1.7	
	01.70- 01.70	110075	14 60	01.70- 01.70	111034	12 1.2	
				01.71- 01.72	110216	12 1.4	
P30 4.3	01.90- 01.93	110984	14 100/105				
P30 4.8	01.73- 01.89	110505	14 75	01.73- 01.89	112240	12 1.7	
	01.68- 01.72	110075	14 60	01.68- 01.72	110216	12 1.4	
P30 4.8	01.74-	110505	14 75				
P30 5.0	01.68- 01.69	110075	14 60	01.68- 01.69	110216	12 1.4	
P30 5.7	01.76- 01.78	110505	14 75	01.76- 01.78	112341	12 2.5	
				01.79- 01.80	112240	12 1.7	
	01.64- 01.65	110075	14 60	01.64- 01.65	110216	12 1.4	
	01.87- 01.95	110984	14 100/105				
P30 6.2	01.82- 01.93	110233	14 63	01.82- 01.93	110216	12 1.4	
	01.82- 01.93	110505	14 75	01.82- 01.93	112240	12 1.7	
P30 6.5	01.94- 01.97	110500	14 100/105	01.94- 01.97	110216	12 1.4	
P30 6.7	01.64- 01.65	110075	14 60	01.64- 01.65	110216	12 1.4	
P30 7.4	01.90- 01.97	110502	14 100/105	01.90- 01.97	112341	12 2.5	
	01.76- 01.80	110505	14 75				
				01.80- 01.89	112240	12 1.7	
	01.87- 01.93	110984	14 100/105				
R10 4.3	01.87-	110233	14 63	01.87-	110216	12 1.4	
	01.87-	110500	14 100/105				
	01.87-	110471	14 94				
	01.87-	112640	14 100/105				
R10 5.0	01.87- 01.87	110500	14 100/105	01.87- 01.87	110216	12 1.4	
	01.87- 01.87	110505	14 75				
	01.87- 01.87	110471	14 94				
	01.87- 01.87	112640	14 100/105				
R10 5.0 Suburban	01.87- 01.87	110500	14 100/105	01.87- 01.87	110216	12 1.4	
	01.87- 01.87	110505	14 75				
	01.87- 01.87	110471	14 94				
	01.87- 01.87	112640	14 100/105				
R10 5.7	01.87-	110505	14 75				
	01.87-	110471	14 94				
	01.87-	110984	14 100/105				
	01.87- 01.89	112629	14 100/105				
R10 5.7 Suburban	01.87- 01.87	110505	14 75				
	01.87- 01.87	110471	14 94				
	01.87- 01.87	110984	14 100/105				
	01.87- 01.89	112629	14 100/105				
R10 6.2	01.87-	110233	14 63	01.87-	110216	12 1.4	
	01.87- 01.87	110505	14 75				
	01.87-	110471	14 94				
R10 6.2 Suburban	01.87- 01.88	110233	14 63	01.87- 01.88	110216	12 1.4	
	01.87- 01.88	110505	14 75				
	01.87- 01.88	110471	14 94				
R1500 5.7 Suburban	01.89- 01.91	110500	14 100/105	01.89- 01.91	112341	12 2.5	
	01.87- 01.89	112629	14 100/105				
R1500 6.2 Suburban	01.89- 01.91	110233	14 63	01.89- 01.91	110216	12 1.4	
	01.89- 01.91	110505	14 75				
	01.89- 01.91	110471	14 94				
R20 4.3	01.87-	110233	14 63	01.87-	110216	12 1.4	
	01.87-	110500	14 100/105				
	01.87-	110471	14 94				
	01.87-	112640	14 100/105				



Application list

CHEVROLET *Continued*

R20 4.8	01.87- 01.88	110505	14	75			
	01.87- 01.88	110508	14	78			
R20 5.0	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110505	14	75			
	01.87- 01.87	110471	14	94			
R20 5.7	01.87- 01.87	112640	14	100/105			
	01.87- 01.88	110505	14	75			
	01.87- 01.88	110471	14	94			
	01.87- 01.88	110984	14	100/105			
R20 5.7 Suburban	01.87- 01.89	112629	14	100/105			
	01.87- 01.87	110505	14	75			
	01.87- 01.87	110471	14	94			
	01.87- 01.87	110984	14	100/105			
R20 6.2	01.87- 01.89	112629	14	100/105			
	01.87-	110233	14	63	01.87-	110216	12 1.4
	01.87- 01.87	110505	14	75			
	01.87-	110471	14	94			
R20 6.2 Suburban	01.87- 01.88	110233	14	63	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14	75			
	01.87- 01.88	110471	14	94			
R20 7.4	01.87- 01.88	110233	14	63	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14	75			
	01.87- 01.88	110471	14	94			
R20 7.4 Suburban	01.87- 01.87	110233	14	63	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110505	14	75			
	01.87- 01.87	110471	14	94			
	01.88- 01.88	110984	14	100/105			
R2500 5.7 Suburban	01.89- 01.91	110500	14	100/105	01.89- 01.91	112341	12 2.5
	01.87- 01.89	112629	14	100/105			
	01.89- 01.91	110233	14	63	01.89- 01.91	110216	12 1.4
R2500 6.2 Suburban	01.89- 01.91	110505	14	75			
	01.89- 01.91	110471	14	94			
	01.89- 01.91	110233	14	63	01.89- 01.91	110216	12 1.4
	01.89- 01.91	110505	14	75			
R2500 7.4 Suburban	01.89- 01.91	110471	14	94			
	01.87- 01.88	110505	14	75			
	01.87- 01.88	110508	14	78			
	01.87- 01.88	110505	14	75			
R30 4.8	01.87- 01.88	110505	14	75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110508	14	78			
	01.87- 01.88	110505	14	75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14	94			
R30 5.7	01.87- 01.88	110505	14	75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14	94			
	01.87- 01.88	110984	14	100/105			
	01.87- 01.89	112629	14	100/105			
R30 6.2	01.87- 01.88	110233	14	63	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14	75			
	01.87- 01.88	110471	14	94			
R30 7.4	01.87- 01.88	110233	14	63	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14	75			
	01.87- 01.88	110471	14	94			
R3500 5.7	01.89- 01.91	110500	14	100/105	01.89- 01.91	112341	12 2.5
	01.89- 01.91	110505	14	75			
	01.89- 01.91	110471	14	94			
	01.87- 01.89	112629	14	100/105			
R3500 6.2	01.89- 01.91	110233	14	63	01.89- 01.91	110216	12 1.4
	01.89- 01.91	110505	14	75			
	01.89- 01.91	110471	14	94			
R3500 7.4	01.89- 01.91	110233	14	63	01.89- 01.91	110216	12 1.4
					01.89-	112341	12 2.5
	01.89- 01.91	110505	14	75			
S10 1.9	01.89- 01.91	110471	14	94			
	01.82- 01.85	110505	14	75	01.82- 01.85	111034	12 1.2
	01.83- 01.84	110505	14	75	01.83- 01.84	112241	12 1.5
S10 1.9 Blazer	01.83- 01.84	110233	14	63	01.83- 01.84	111034	12 1.2
S10 2.0	01.83- 01.84	110505	14	75	01.83- 01.84	112240	12 1.7
	01.83- 01.84	110471	14	94			
	01.83- 01.84	110233	14	63	01.83- 01.84	111034	12 1.2
S10 2.0 Blazer	01.83- 01.84	110505	14	75	01.83- 01.84	112241	12 1.5
	01.83- 01.84	110471	14	94			
	01.83- 01.84	110508	14	78	01.83-	112900	12 1.4
S10 2.2	01.84- 01.85	110471	14	94			
	01.84-	110508	14	78			
	01.84-	110471	14	94			
S10 2.2 Blazer	01.91- 01.93	110499	14	100/105	01.91- 01.93	111034	12 1.2
	01.85- 01.91	110505	14	75	01.85- 01.91	112241	12 1.5
	01.83- 01.86	110508	14	78			
	01.85- 01.91	110471	14	94			
S10 2.5 Blazer	01.85- 01.88	110505	14	75	01.85- 01.88	111683	12 2.0
	01.85- 01.88	110471	14	94			
	01.82- 01.83	110505	14	75	01.82- 01.83	111034	12 1.2
S10 2.8					01.84- 01.85	112240	12 1.7
	01.84- 01.85	110471	14	94			
	01.83-	110505	14	75	01.83-	112241	12 1.5
S10 2.8 Blazer					01.84- 01.85	111683	12 2.0
	01.83-	110471	14	94			
	01.99- 01.00	112665	14	100			
S10 4.3	01.88- 01.90	110500	14	100/105	01.88- 01.90	111034	12 1.2
	01.91- 01.95	110985	14	100/105			
	01.96-	111712	14	105			
S10 4.3 Blazer	01.91- 01.94	110500	14	100/105	01.91- 01.94	111034	12 1.2
	01.91- 01.94	110985	14	100/105			
	01.99- 01.99	112850	14	105	01.99- 01.99	111034	12 1.2
Silverado 4.3 1500					01.00- 01.00	112240	12 1.7
					01.02-	112902	12 1.2
	01.99- 01.99	112853	14	130			
Silverado 4.8 1500	01.99- 01.00	112850	14	105	01.99- 01.00	112240	12 1.7
					01.01- 01.02	112241	12 1.5
	01.99- 01.00	112853	14	130			
Silverado 5.3 1500	01.02-	112850	14	105	01.02-	112902	12 1.2
	01.03-	112853	14	130			
	01.99- 01.00	112850	14	105	01.99- 01.00	112240	12 1.7
Silverado 5.3 1500					01.01- 01.02	112241	12 1.5
	01.99- 01.00	112853	14	130			



Silverado 5.3 2500	01.99- 01.00	112850	14 105	01.99- 01.00	112902	12 1.2
	01.99- 01.00	112853	14 130			
Silverado 6.0 1500 HD	01.01- 01.02	112850	14 105	01.01- 01.02	112902	12 1.2
	01.01- 01.02	112853	14 130			
Silverado 6.0 2500	01.99- 01.99	112850	14 105	01.99- 01.99	112902	12 1.2
	01.99- 01.99	112853	14 130			
Silverado 6.0 2500 HD	01.01- 01.02	112850	14 105	01.01- 01.02	112906	12 1.7
	01.01- 01.02	112853	14 130			
Silverado 6.0 3500	01.01- 01.02	112850	14 105	01.01- 01.02	112906	12 1.7
	01.01- 01.02	112853	14 130			
Silverado 6.0 SS	01.03-	112853	14 130			
Silverado 6.6 Turbo 2500	01.01- 01.02	112850	14 105	01.01- 01.02	112906	12 1.7
	01.01- 01.02	112853	14 130			
Silverado 6.6 Turbo 2500 HD	01.01- 01.02	112850	14 105	01.01- 01.02	112906	12 1.7
	01.01- 01.02	112853	14 130			
Silverado 6.6 Turbo 3500	01.01- 01.02	112850	14 105	01.01- 01.02	112906	12 1.7
	01.01- 01.02	112853	14 130			
Silverado 8.1 2500	01.01- 01.02	112850	14 105	01.01- 01.02	112906	12 1.7
	01.01- 01.02	112853	14 130			
Silverado 8.1 2500 HD	01.01- 01.02	112850	14 105	01.01- 01.02	112906	12 1.7
	01.01- 01.02	112853	14 130			
Silverado 8.1 3500	01.01- 01.02	112850	14 105	01.01- 01.02	112906	12 1.7
	01.01- 01.02	112853	14 130			
Sprint 1.0	01.89-	110967	14 50	01.89-	111310	12 0.8
Sprint 1.0 ER	01.87- 01.88	110965	14 50	01.87- 01.88	111310	12 0.8
Sprint 1.0 Turbo	01.87- 01.88	110965	14 50	01.87- 01.88	111310	12 0.8
	01.89-	111279	14 50			
SSR 6.0	01.05-	112853	14 130			
Suburban 3.8	01.63- 01.67	110075	14 60	01.63- 01.67	111277	12
Suburban 3.9	01.61- 01.62	110075	14 60			
Suburban 4.1	01.66- 01.67	110075	14 60	01.66- 01.67	112902	12 1.2
Suburban 4.6	01.63- 01.67	110075	14 60			
Suburban 4.8	01.63- 01.67	110075	14 60			
Suburban 5.4	01.62- 01.67	110075	14 60			
Suburban 5.7	01.64- 01.65	110075	14 60			
Suburban 6.0	01.66- 01.66	110075	14 60			
Suburban 6.7	01.64- 01.65	110075	14 60			
Tahoe 4.8	01.04-	112853	14 130			
	01.00- 01.00	112850	14 105	01.00- 01.00	112240	12 1.7
				01.00- 01.00	112902	12 1.2
Tahoe 5.3	01.03- 01.03	112853	14 130			
	01.02- 01.02	112850	14 105	01.02- 01.02	112902	12 1.2
Tahoe 5.3	01.04-	112853	14 130			
	01.00- 01.00	112850	14 105	01.00- 01.00	112240	12 1.7
				01.01- 01.02	112902	12 1.2
Tahoe 5.7	01.95-	110500	14 100/105	01.95-	112341	12 2.5
Tahoe 6.5 Turbo	01.95- 01.98	110500	14 100/105	01.95- 01.98	112341	12 2.5
Townsmen 5.7	01.69- 01.71	110075	14 60			
	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
Townsmen 6.6	01.70- 01.71	110075	14 60			
	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
Townsmen 7.4	01.70-	110075	14 60			
	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
Tracer 1.6				01.99- 01.00	112300	12 1.4
	01.98- 01.98	111279	14 50	01.98- 01.98	110394	12 0.85
Tracker 2.0 [J20A]				AT 01.99- 01.03	114225	12 1.6
				01.99- 01.03	110394	12 0.85
				01.99- 01.03	112300	12 1.4
Trailblazer 4.2				01.02- 01.03	112905	12 1.6
Trailblazer 4.2 EXT				01.02- 01.03	112905	12 1.6
Truck 4.3	01.55- 01.59	110505	14 75			
Truck 5.3	01.56- 01.59	110505	14 75			
Two-Ten Series 3.9	01.55- 01.57	110505	14 75			
Two-Ten Series 4.3	01.55- 01.57	110505	14 75			
Two-Ten Series 4.6	01.57- 01.57	110505	14 75			
V10 4.3	01.87- 01.87	110233	14 63	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110500	14 100/105			
	01.87- 01.87	110471	14 94			
	01.87- 01.87	112640	14 100/105			
V10 5.0	01.87- 01.87	110500	14 100/105	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110505	14 75			
	01.87- 01.87	110471	14 94			
	01.87- 01.87	112640	14 100/105			
V10 5.7	01.87- 01.87	110505	14 75			
	01.87- 01.87	110471	14 94			
	01.87- 01.87	110984	14 100/105			
	01.87- 01.89	112629	14 100/105			
V10 5.7 Suburban	01.87- 01.87	110505	14 75			
	01.87- 01.87	110471	14 94			
	01.87- 01.87	110984	14 100/105			
	01.87- 01.89	112629	14 100/105			
V10 6.2	01.87- 01.87	110233	14 63	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110505	14 75			
	01.87- 01.87	110471	14 94			
V10 6.2 Suburban	01.87- 01.88	110233	14 63	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14 75			
	01.87- 01.88	110471	14 94			
V1500 5.7 Suburban	01.89- 01.90	110500	14 100/105	01.89- 01.90	112341	12 2.5
	01.87- 01.89	112629	14 100/105			
V1500 6.2 Suburban	01.89- 01.90	110233	14 63	01.89- 01.90	110216	12 1.4
	01.89- 01.90	110505	14 75			
	01.89- 01.90	110471	14 94			
	01.91- 01.91	110984	14 100/105			
V20 4.8	01.87-	110505	14 75	01.87-	110216	12 1.4
	01.87-	110508	14 78			
	01.87- 01.91	110984	14 100/105			



CHEVROLET Continued

V20 5.7		01.87-	110505	14	75			
		01.87-	110471	14	94			
		01.87-	110984	14	100/105			
		01.87- 01.89	112629	14	100/105			
V20 5.7 Suburban		01.87- 01.87	110505	14	75			
		01.87- 01.87	110471	14	94			
		01.87- 01.87	110984	14	100/105			
		01.87- 01.89	112629	14	100/105			
V20 6.2		01.87-	110233	14	63	01.87-	110216	12 1.4
		01.87- 01.87	110505	14	75			
		01.87-	110471	14	94			
V20 6.2 Suburban		01.87- 01.88	110233	14	63	01.87- 01.88	110216	12 1.4
		01.87- 01.88	110505	14	75			
		01.87- 01.88	110471	14	94			
V20 7.4 Suburban		01.87- 01.88	110233	14	63	01.87- 01.88	110216	12 1.4
		01.87- 01.88	110505	14	75			
		01.87- 01.88	110471	14	94			
		01.89- 01.90	110500	14	100/105	01.89- 01.90	112341	12 2.5
V2500 5.7 Suburban		01.87- 01.89	112629	14	100/105			
		01.89- 01.90	110233	14	63	01.89- 01.90	110216	12 1.4
		01.89- 01.90	110505	14	75			
		01.89- 01.90	110471	14	94			
V2500 6.2 Suburban		01.91- 01.91	110984	14	100/105			
		01.89- 01.90	110233	14	63	01.89- 01.90	110216	12 1.4
		01.89- 01.90	110505	14	75			
		01.89- 01.90	110471	14	94			
V2500 7.4 Suburban		01.89- 01.90	110505	14	75			
		01.89- 01.90	110471	14	94			
		01.87- 01.88	110505	14	75	01.87- 01.88	110216	12 1.4
V30 4.8		01.87- 01.88	110508	14	78			
		01.87- 01.88	110505	14	75	01.87- 01.88	110216	12 1.4
		01.87- 01.88	110471	14	94			
V30 5.7		01.87- 01.88	110505	14	75	01.87- 01.88	110216	12 1.4
		01.87- 01.88	110471	14	94			
		01.87- 01.88	110984	14	100/105			
		01.87- 01.89	112629	14	100/105			
V30 6.2		01.87- 01.88	110233	14	63	01.87- 01.88	110216	12 1.4
		01.87- 01.88	110505	14	75			
		01.87- 01.88	110471	14	94			
V30 7.4		01.87- 01.88	110233	14	63	01.87- 01.88	110216	12 1.4
		01.87- 01.88	110505	14	75			
		01.87- 01.88	110471	14	94			
		01.89- 01.91	110500	14	100/105	01.89- 01.91	112341	12 2.5
V3500 5.7		01.89- 01.91	110505	14	75			
		01.89- 01.91	110471	14	94			
		01.87- 01.89	112629	14	100/105			
		01.89- 01.90	110233	14	63	01.89- 01.90	110216	12 1.4
V3500 6.2		01.89- 01.90	110505	14	75			
		01.89- 01.90	110471	14	94			
		01.91-	110984	14	100/105			
		01.89- 01.91	110233	14	63	01.89- 01.91	110216	12 1.4
V3500 7.4		01.89- 01.91	110505	14	75			
		01.89- 01.91	110471	14	94			
		01.75-	110505	14	75			
		01.76- 01.76	110505	14	75			
Vega 2.0		01.71- 01.76	110233	14	63			
		01.71- 01.76	110505	14	75			
		01.75- 01.75	110233	14	63			
Vega 2.0 Cosworth		01.75- 01.75	110505	14	75			
		01.75- 01.75	110505	14	75			
Vega 2.3		01.75- 01.75	110505	14	75			
		01.75- 01.75	110505	14	75			
Vega 2.3 Panel		01.75- 01.75	110505	14	75			
		01.75- 01.75	110505	14	75			
Venture 3.4						01.97-	112900	12 1.4
PASSENGER CARS AO								
Astra 2.2	[Z22SE]	08.00- 08.04	116468	14	100			
Camaro 5.7	[LT1]	01.94- 01.95	111854	14	105			
Captiva 2.0 Diesel	[Z20S]	10.06-	115380	14	120	10.06-	114159	12 1.8
Express 4.3		01.96-	111712	14	105			
HHR 2.2	[L61]					08.04-	115575	12 1.4
Lumina 2.5		01.90- 01.92	110499	14	100/105			
S10 2.8	[LR2]	01.83- 01.86	110508	14	78			
Spark 0.8	[F8CV]	05.05-	114114	14	65	05.05-	111849	12 0.8
Spark 1.0 SX		05.05-	116302	14	65	05.05-	113860	12 0.8
Suburban 5.7 4WD		01.96-	111712	14	105			
Trailblazer 2.8 Diesel	[LWH]					08.12-	115745	12 2.2
Vectra 2.2	[Z22SE]	04.02- 04.04	116468	14	100	04.02- 04.04	115597	12 1.4
	[Z22YH]	01.05- 07.06	116468	14	100	01.05- 07.06	115597	12 1.4
Zafira 2.0 GLS	[C20SEL]					04.01-	111848	12 1.0
Chrysler								
PASSENGER CARS EU								
300 3.6	[ERB]	07.11-	116662	14	160			
300 C 2.7	[2.7FX]	09.04-	114832	14	180			
	[EER]	09.04-	114832	14	180	09.04-	115420	12 1.7
	[EES]	01.07- 11.12	114832	14	180			
	[EXL]	09.05-	114832	14	180	09.05-	114878	12 2.2
300 C 3.0 CRD	[3.5CSP]	09.04-	114832	14	180			
300 C 3.5	[EGG]	09.04-	114832	14	180	09.04-	115420	12 1.7
300 C 3.5 AWD	[3.5CSP]	09.04-	114832	14	180			
300 C 5.7	[EGG]	09.04-	114832	14	180			
	[EZB]	09.04-	114832	14	180	09.04-	114878	12 2.2
	[EZD]	09.04-	114832	14	180			
	[EZH]	09.04-	114832	14	180			
300 C 5.7 AWD	[EZB]	04.05-	114832	14	180			
	[EZH]	04.05-	114832	14	180			
	[ESF]	06.05-	114832	14	180			
Crossfire 3.2	[EGX]	07.03-	113302	14	120	07.03-	113282	12 1.4
Delta 2.0 Multijet	[198A5.000]	08.11-	115679	14	130			
Grand Voyager 2.4	[EDZ]	01.98- 12.01	113235	14	130	01.98- 12.01	112454	12 2.2
Grand Voyager 2.8 CRDi	[ENS]	01.08- 12.11	116141	14	210	01.08- 12.11	113977	12 2.2
Grand Voyager 3.3	[EGA]	01.95- 03.01	113235	14	130	AT 01.95- 03.01	111492	12 1.4
Grand Voyager 3.6	[ERB]	02.11-	116599	14	150			
Grand Voyager 3.8	[EGH]	01.99- 12.99	113235	14	130	AT 01.99- 12.99	111492	12 1.4
	[EGL]	01.08- 12.11	116715	14	160			
Lebaron 2.2 i	[EDG]	01.90- 01.90	111193	14	90			
Neon 2.0 16V	[ECB]					10.02- 12.06	116644	12 1.2
PT Cruiser 2.0 16V	[ECC]	06.00-	116020	14	100	06.00-	116644	12 1.2



PT Cruiser 2.2 CRD	[EDJ]	08.05-	114663	14 150	08.05-	114237	12 2.2
PT Cruiser 2.2 Diesel	[EDJ]	03.02-	114663	14 150	03.02-	114237	12 2.2
PT Cruiser 2.4	[EDZ]	03.04-	116020	14 100	03.04-	116644	12 1.2
PT Cruiser 2.4 GT	[EDV]	03.04-	116020	14 100	03.04-	116644	12 1.2
PT Cruiser 2.4 16V	[EDZ]	06.00-	116020	14 100	06.00-	114144	12 2.0
Sebring 2.0	[ECC]	04.01-	114511	14 120	04.01-	115448	12 1.4
Sebring 2.0 VVT	[ECN]	07.07-	115925	14 115	07.07-	116644	12 1.2
Sebring 2.4	[EDZ]	04.01-	114511	14 120	04.01-	115448	12 1.4
		04.01-	115925	14 115	04.01-	116644	12 1.2
Sebring 2.4 VVT	[ED3]	07.07-	115925	14 115	07.07-	116644	12 1.2
	[EDG]	07.07-	115925	14 115			
Sebring 2.7 V6 24V	[EER]	04.01-	114511	14 120	04.01-	113638	12 1.4
	[EES]	04.01-	114511	14 120	04.01-	115448	12 1.4
					04.01-	116644	12 1.2
Viper 8.0	[EPD]	07.98-	116343	14 90			
Voyager 2.4 i	[B00]	10.95- 12.00	113235	14 130	10.95- 12.00	111492	12 1.4
Voyager 2.4	[EDZ]	01.95- 03.01	113235	14 130	01.95- 03.01	111492	12 1.4
Voyager 2.5 CRD	[ENC]	02.00-	114011	14 160	02.00-	114283	12 2.0
	[ENJ]	02.00-	114011	14 160	AT 02.00-	113977	12 2.2
Voyager 2.8 CRD	[ENR]	06.04-	114011	14 160	AT 06.04-	113977	12 2.2
	[ENS]	10.07-	116141	14 210	10.07-	114283	12 2.0
Voyager 2.8 CRDi	[ENS]	10.07-	116141	14 210			
Voyager 3.0	[EFA]	01.95- 03.01	113235	14 130	01.95- 03.01	111492	12 1.4
Voyager 3.0 i	[300]	01.90- 01.93	111193	14 90	01.90- 01.93	112454	12 2.2
Voyager 3.3	[EGA]	01.01- 01.05	113803	14 160	01.01- 01.05	111492	12 1.4
	[EGV]	01.01- 01.05	113803	14 160	AT 01.01- 01.05	111492	12 1.4
Voyager 3.3 AWD	[EGA]	01.01- 01.04	113803	14 160	01.01- 01.04	111492	12 1.4
Voyager 3.3 i	[R00]	10.95-	113235	14 130 ND	10.95-	112454	12 2.2
Voyager 3.3 i LE	[EGA]	01.90-	111193	14 90 ND	01.90-	112454	12 2.2
Voyager 3.3 i LE AWD	[EGA]	04.92-	111193	14 90 ND	04.92-	112454	12 2.2
	[R00]	04.92-	111193	14 90 ND	04.92-	112454	12 2.2
Voyager 3.3	[EGA]	01.95- 03.01	113235	14 130	AT 01.95- 03.01	111492	12 1.4
	[EGM]	10.00- 06.07	113803	14 160	AT 10.00- 06.07	111492	12 1.4
Voyager 3.8	[EGL]	10.07-	116715	14 160			
Voyager 3.8 i AWD	[EGH]	01.95-	113235	14 130 ND	01.95-	111492	12 1.4
	[L00]	10.95-	113235	14 130 ND	10.95-	111492	12 1.4
Voyager 3.8	[EGH]	10.00- 06.07	113803	14 160	AT 10.00- 06.07	111492	12 1.4
Voyager 3.8 4x4	[EGH]	10.00- 06.07	113803	14 160	AT 10.00- 06.07	113977	12 2.2
		10.95- 09.97	113235	14 130	10.95- 09.97	111492	12 1.4
Voyager / Grand Voyager 2.5 CRD	[ENJ]	01.01- 02.08	114011	14 160	01.01- 02.08	111492	12 1.4
					01.01- 02.08	114283	12 2.0
Voyager / Grand Voyager 2.8 CRD	[ENR]	04.04- 02.08	114011	14 160	04.04- 02.08	113977	12 2.2
Voyager / Grand Voyager 3.3	[EGA]	02.00- 08.07	113803	14 160	02.00- 08.07	112454	12 2.2
PASSENGER CARS US							
300 6.3		01.62- 01.66	110074	14 60			
300 6.8		01.60- 01.65	110074	14 60			
300 7.0		01.63- 01.63	110074	14 60			
300 7.2		01.68- 01.69	110074	14 60			
					01.68- 01.69	110223	12 1.1
Cirrus 2.5	[EEB]				01.98- 01.98	112846	12 1.4
Cirrus 2.5 LX	[EEB]				01.95- 01.97	112846	12 1.4
Cirrus 2.5 LXI	[EEB]				01.95- 01.97	112846	12 1.4
Cordoba 3.7					01.80-	110223	12 1.1
Cordoba 3.7 Crown					01.80-	110223	12 1.1
Cordoba 3.7 LS					01.80-	110223	12 1.1
Cordoba 5.2					01.75- 01.80	110223	12 1.1
Cordoba 5.2 Crown					01.80-	110223	12 1.1
Cordoba 5.2 LS					01.81- 01.82	110223	12 1.1
Daytona 2.2 Turbo		01.93-	111193	14 90			
Daytona 2.2 Turbo Iroc R/T		01.92-	111193	14 90			
Daytona 2.5		01.90-	111193	14 90			
Daytona 2.5 Turbo		01.90-	111193	14 90			
Dynasty 2.5		01.92-	111193	14 90			
Fifthavenue 3.7					01.83-	110223	12 1.1
Fifthavenue 5.2					01.83- 01.87	110223	12 1.1
Imperial 3.8					01.91- 01.93	111492	12 1.4
Imperial 6.8		01.60- 01.65	110074	14 60	01.60- 01.65	111492	12 1.4
Imperial 6.8 Lebaron		01.61- 01.61	110074	14 60	01.61- 01.61	111492	12 1.4
Imperial 7.2		01.66- 01.67	110074	14 60	01.66- 01.67	110223	12 1.1
Imperial 7.2 Crown		01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Imperial 7.2 Lebaron		01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Lebaron 2.2 Turbo GTC		01.90- 01.90	111193	14 90	01.90- 01.90	110223	12 1.1
Lebaron 2.5		01.92-	111193	14 90	01.92-	110223	12 1.1
Lebaron 2.5 Landau		01.92-	111193	14 90	01.92-	110223	12 1.1
Lebaron 2.5 LE		01.93-	111193	14 90	01.93-	110223	12 1.1
Lebaron 2.5 Turbo GTC		01.90- 01.92	111193	14 90	01.90- 01.92	110223	12 1.1
Lebaron 3.7					01.78- 01.80	110223	12 1.1
Lebaron 3.7 Medallion					01.81-	110223	12 1.1
Lebaron 3.7 S					01.78-	110223	12 1.1
Lebaron 3.7 SALON					01.81-	110223	12 1.1
Lebaron 3.7 Special					01.81-	110223	12 1.1
Lebaron 3.7 Town & Country					01.81-	110223	12 1.1
Lebaron 5.2					01.81-	110223	12 1.1
Lebaron 5.2 Medallion					01.81-	110223	12 1.1
Lebaron 5.2 S					01.78-	110223	12 1.1
Lebaron 5.2 SALON					01.81-	110223	12 1.1
Lebaron 5.2 Special					01.81-	110223	12 1.1
New Yorker 3.3					01.90- 01.93	111492	12 1.4
New Yorker 3.3 Fifth Avenue					01.90- 01.93	111492	12 1.4
New Yorker 3.3 Landau					01.90-	111492	12 1.4
New Yorker 3.8 Fifth Avenue					01.91- 01.93	111492	12 1.4
New Yorker 5.2					01.80-	110223	12 1.1
New Yorker 6.8		01.60- 01.65	110074	14 60	01.60- 01.65	110223	12 1.1
New Yorker 7.0		01.63- 01.63	110074	14 60	01.63- 01.63	110223	12 1.1
New Yorker 7.2		01.68- 01.69	110074	14 60	01.68- 01.69	110223	12 1.1
Newport 5.9		01.61- 01.64	110074	14 60	01.61- 01.64	110223	12 1.1
Newport 6.3		01.65- 01.67	110074	14 60	01.65- 01.67	110223	12 1.1
Newport 6.3 Custom					01.68- 01.69	110223	12 1.1
		01.68- 01.69	110074	14 60			
Newport 6.8		01.62- 01.64	110074	14 60	01.62- 01.64	110223	12 1.1
Newport 7.0		01.63- 01.63	110074	14 60	01.63- 01.63	110223	12 1.1


CHRYSLER Continued

Newport 7.2		01.66- 01.67	110074	14	60	01.66- 01.67	110223	12	1.1		
Newport 7.2 Custom		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1		
Pacifica 3.5	[EGN]	08.03- 09.08	115483	14	120						
Sebring 2.4		05.07- 12.10	115925	14	115	05.07- 12.10	112846	12	1.4		
Sebring 2.5 JX	[EEB]					01.98- 01.98	112846	12	1.4		
Sebring 2.5 JXL	[EEB]					01.96- 01.97	112846	12	1.4		
Sebring 2.5 LX	[EEB]					01.96-	112846	12	1.4		
Sebring 2.5 LXI	[EEB]					01.96- 01.97	112846	12	1.4		
Town & Country 3.3	[EGM]					01.98- 01.00	111492	12	1.4		
		01.01- 01.05	113803	14	160						
Town & Country 3.3 LX		01.01- 01.05	113803	14	160	01.01- 01.05	111492	12	1.4		
Town & Country 3.3 LXI		01.01- 01.05	113803	14	160	01.01- 01.05	111492	12	1.4		
Town & Country 3.3		01.01- 01.05	113803	14	160	01.01- 01.05	111492	12	1.4		
Town & Country 3.3 SX						01.98- 01.98	111492	12	1.4		
Town & Country 3.8		01.01- 01.05	113803	14	160	01.01- 01.05	110223	12	1.1		
						01.01- 01.05	111492	12	1.4		
Town & Country 3.8 LX						01.98- 01.98	111492	12	1.4		
Town & Country 3.8 SX						01.97- 01.97	111492	12	1.4		
Town & Country 5.9		01.61- 01.64	110074	14	60	01.61- 01.64	110223	12	1.1		
Town & Country 6.3		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1		
Town & Country 6.8		01.60- 01.65	110074	14	60	01.60- 01.65	110223	12	1.1		
Town & Country 7.0		01.63- 01.63	110074	14	60	01.63- 01.63	110223	12	1.1		
Town & Country 7.2		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1		
Voyager 3.3		01.01- 01.05	113803	14	160						
Voyager 3.3 LX		01.01- 01.05	113803	14	160						
Voyager 3.3		01.01- 01.05	113803	14	160						
Windsor 6.3		01.60-	110074	14	60						
6.3		01.68- 01.69	110074	14	60						
PASSENGER CARS AO											
300 C 3.0 CRD	[EXF]	09.11-	115749	14	220						
300 C 6.1 SRT8	[ESF]	06.05- 11.12	114832	14	180	06.05- 11.12	116082	12	1.7		
Cirrus 2.5 LX	[EEB]					10.94- 09.00	112846	12	1.4		
PT Cruiser 2.0	[ECC]	10.04-	116020	14	100	10.04-	116644	12	1.2		
Sebring 2.5 LE	[EEB]					05.95- 09.00	112846	12	1.4		
Citroen											
PASSENGER CARS EU											
2 CV AKZ 0.6 2 CV	[M28/1 (AK2)]	03.70- 12.77	110743	14	30	03.70- 12.77	111100	12	0.7		
2CV 4 0.4	[A53]	03.63- 02.70	110743	14	30	Voltmeter	03.63- 02.70	111100	12	0.7	
	[A79/1]	01.70- 12.75	110743	14	30	Voltmeter	01.70- 12.75	111100	12	0.7	
2CV 6 0.6	[A06/635]	02.70- 07.90	110743	14	30		02.70- 07.90	111100	12	0.7	
	[A06/664]	02.70- 07.90	110743	14	30		02.70- 07.90	111100	12	0.7	
	[M28/1]	09.75- 06.81	110743	14	30		09.75- 06.81	111100	12	0.7	
Acadiane 6 0.6	[A06/664]						08.78- 07.87	111100	12	0.7	
	[M28 (AM2)]						08.78- 06.87	111100	12	0.7	
Ami 6 0.6	[M28]	05.68- 07.69	110743	14	30		05.68- 07.69	111100	12	0.7	
Ami 8 0.6	[M28]	07.69- 12.77	110743	14	30		07.69- 12.77	111100	12	0.7	
Ami Super 1.0	[G10]	03.68- 06.78	110743	14	30						
AX 1.0	[C1A]	09.86- 06.92	111841	14	50		09.86- 06.92	110584	12	1.2	
AX 10 1.0	[C3A]	12.86- 12.88	110077	14	50		12.86- 12.88	110584	12	1.2	
		12.86- 12.88	111841	14	50						
	[CDY (TU9M)]	07.86- 12.98	110077	14	50		07.86- 12.98	110584	12	1.2	
		07.86- 12.98	111841	14	50						
	[CDZ (TU9M)]	02.87- 12.98	110077	14	50		02.87- 12.98	110584	12	1.2	
		07.92-	111841	14	50						
AX 11 1.1	AC	02.87- 12.98	114026	14	80						
	[H1A]	12.86- 04.94	110077	14	50		12.86- 04.94	111994	12	0.7	
		12.86- 04.94	111841	14	50						
	[H1B]	09.86- 12.97	110077	14	50		09.86- 12.97	110584	12	1.2	
		10.86-	111841	14	50						
	[HAZ (TU1CP)]	09.88- 12.89	110077	14	50		09.88- 12.89	110584	12	1.2	
		09.88- 12.89	111841	14	50						
	[HDZ (TU1M)]	09.86- 12.97	110077	14	50		09.86- 12.97	110584	12	1.2	
AX 11 1.1 4x4	[H1A (TU1)]	06.91- 07.92	110077	14	50		06.91- 07.92	110584	12	1.2	
		06.91- 07.92	111841	14	50						
	AC	06.91- 07.92	114026	14	80						
AX 13 1.3 Sport	[M4A]	04.87- 12.88	110077	14	50		04.87- 12.88	110584	12	1.2	
		04.87- 12.88	111841	14	50						
AX 14 1.4 Diesel	[K9A (TUD3)]	09.88- 06.92	110077	14	50		09.88- 06.92	110584	12	1.2	
		09.88- 06.92	110619	14	70						
		09.88- 06.92	111841	14	50						
	[K9Y (TUD3Y)]	08.91- 12.97	110077	14	50		08.91- 12.97	110584	12	1.2	
		08.91- 12.97	110619	14	70						
		08.91- 12.97	111841	14	50						
AX 14 1.4	[K1F (TU3A)]	06.88- 12.89	110077	14	50		06.88- 12.89	110584	12	1.2	
		06.88- 12.89	111841	14	50						
	[K2A]	01.88- 12.92	110077	14	50		01.88- 12.92	110584	12	1.2	
		01.88-	111841	14	50						
	[K2B]	01.88- 12.92	110077	14	50		01.88- 12.92	110584	12	1.2	
		01.88-	111841	14	50						
	[KAY (TU3CP)]	10.86-	111841	14	50		12.86- 12.88	110584	12	1.2	
		12.86- 12.88	110077	14	50						
	[KDX (TU3M/Z)]	04.87- 04.97	110077	14	50		04.87- 04.97	110584	12	1.2	
		03.89-	111841	14	50						
	[KDY (TU3FM)]	04.87- 04.97	110077	14	50		04.87- 04.97	110584	12	1.2	
		03.89-	111841	14	50						
	[KDY (TU3M)]	04.87- 04.97	110077	14	50		04.87- 04.97	110584	12	1.2	
	[KDZ (TU3M/Z)]	04.87- 04.97	110077	14	50		04.87- 04.97	110584	12	1.2	
	AX 14 1.4 4x4	[KDX (TU3M/Z)]	08.91- 12.96	110077	14	50		08.91- 12.96	111029	12	1.4
		01.93- 12.96	111841	14	50						
	[KDY (TU3FM)]	06.90- 12.96	111841	14	50		08.91- 12.96	110584	12	1.2	
	08.91- 12.96	110077	14	50							
	[KDY (TU3M)]	06.90- 12.96	110077	14	50		06.90- 12.96	111029	12	1.4	
		06.90- 12.96	111841	14	50						
	[KDZ (TU3M/Z)]	06.88- 05.90	111841	14	50		08.91- 12.96	110584	12	1.2	
		08.91- 12.96	110077	14	50						
AX 14 1.4 GTi	[KFZ (TU3FJ2)]	06.91- 12.92	110077	14	50		06.91- 12.92	110584	12	1.2	
		06.91- 12.92	111841	14	50						
AX 14 1.4 i	[KPY (TU3FJ2)]	08.91- 12.96	110077	14	50		08.91- 12.96	110584	12	1.2	
		08.91-	111841	14	50						



AX 15 1.5 Diesel	[KFZ (TU3FJ2)]	06.91- 12.96	110077	14 50	06.91- 12.96	110584	12 1.2
		06.91-	111841	14 50			
		08.94-	111532	14 80	08.94-	111029	12 1.4
	[VJY (TUD5)]	08.94-	111841	14 50			
		08.94-	112287	14 70			
		08.94-	111532	14 80	08.94-	111029	12 1.4
	[VJZ (TUD5)]	08.94-	111841	14 50			
		08.94-	112287	14 70			
		08.94-	111532	14 80	08.94-	111029	12 1.4
Berlingo 1.1 i	[HDZ (TU1M)]	07.96-	110619	14 70	07.96-	110584	12 1.2
		07.96-	111723	14 70			
		07.96- 05.08	112648	14 70	07.96- 05.08	114030	12 2.2
	[HFX (TU1JP)]	07.96-	112782	14 80	07.96-	113254	12 1.4
		07.96- 05.08	113404	14 90			
		07.96- 05.08	110619	14 70	07.96-	110584	12 1.2
	[HNP (EB2ADT)]	07.96- 05.08	111723	14 70	07.96- 05.08	111130	12 1.1
		07.96- 05.08	112648	14 70	07.96-	111070	12 1.7
		07.96- 05.08	112782	14 80	07.96- 05.08	114030	12 2.2
	[HNZ (EB2DT)]	07.96- 05.08	113404	14 90	07.96- 05.08	113254	12 1.4
		02.16-	116152	14 150			
		02.16-	116541	14 120			
Berlingo 1.2 PureTech 110	[HNP (EB2ADT)]	02.16-	116152	14 150			
		02.16-	116237	12 125			
		01.18-	116152	14 150			
Berlingo 1.2 PureTech 110	[HNZ (EB2DT)]	01.18-	116237	12 125			
		11.02-	113405	14 70	11.02-	114030	12 2.2
		11.02-	113575	14 80	11.02-	113960	12 0.9
Berlingo 1.4 Bivalent	[KFW (TU3JP)]	11.02-	112469	14 90	11.02-	113254	12 1.4
		04.03-	113575	14 80	04.03-	114030	12 2.2
		07.96-	110619	14 70	07.96-	110584	12 1.2
	[KFW (TU3JP)]	07.96-	111723	14 70	07.96-	111130	12 1.1
		07.96-	112782	14 80	07.96-	113254	12 1.4
		07.96-	113404	14 90	07.96-	114030	12 2.2
	[KFX (TU3JP)]	07.96-	110619	14 70	07.96-	110584	12 1.2
		07.96-	111723	14 70	07.96-	113254	12 1.4
		07.96-	112782	14 80	07.96-	114030	12 2.2
	[KFX (TU3JP)]	07.96-	113404	14 90			
		10.19-	116152	14 150			
		10.19-	116541	14 120			
Berlingo 1.5 BlueHDi 1.5 BlueHDi 75	[YHW (DV5RE)]	06.18-	116152	14 150			
		06.18-	116541	14 120			
		03.18-	116541	14 120			
Berlingo 1.5 BlueHDi 100	[YHY (DV5RD)]	06.18-	116152	14 150			
		06.18-	116541	14 120			
		06.18-	116152	14 150			
Berlingo 1.5 BlueHDi 130	[YHZ (DV5RC)]	06.18-	116541	14 120			
		06.18-	116152	14 150			
		06.18-	116541	14 120			
Berlingo 1.5 BlueHDi 75	[YHW (DV5RE)]	06.18-	116541	14 120			
		06.18-	116152	14 150			
		06.18-	116541	14 120			
Berlingo 1.5 BlueHDi BlueHDi 100	[YHY (DV5RD)]	06.18-	116152	14 150			
		06.18-	116541	14 120			
		06.18-	116152	14 150			
Berlingo 1.5 BlueHDi BlueHDi 130	[YHZ (DV5RC)]	06.18-	116152	14 150			
		06.18-	116541	14 120			
		06.18-	116152	14 150			
Berlingo 1.6 BlueHDi 1.6 BlueHDi 100	[BHY (DV6FD)]	01.19-	115364	14 150			
		01.19-	116242	12 180			
		12.14-	115364	14 150			
Berlingo 1.6 BlueHDi 120	[BHZ (DV6FC)]	12.14-	116242	12 180			
		04.15-	115364	14 150			
		04.15-	116242	12 180			
Berlingo 1.6 BlueHDi 75	[9HN (DV6ETED)]	04.15-	115364	14 150			
		04.15-	116242	12 180			
		04.15-	115364	14 150	04.15-	116282	12 1.7
	[BHW (DV6FE)]	04.15-	116242	12 180			
		06.18-	115364	14 150			
		06.18-	116242	12 180			
Berlingo 1.6 BlueHDi BlueHDi 100	[BHY (DV6FD)]	06.18-	115364	14 150			
		06.18-	116242	12 180			
		06.18-	115364	14 150			
Berlingo 1.6 BlueHDi BlueHDi 75	[BHW (DV6FE)]	06.18-	115364	14 150			
		06.18-	116242	12 180			
		06.18-	115364	14 150			
Berlingo 1.6 HDi	[9HL (DV6C)]	07.10-	115364	14 150	07.10-	116282	12 1.7
		07.10-	115475	14 180	07.10-	114460	12 1.4
		04.08-	113640	14 150	04.08-	113933	12 1.5
	[9HN (DV6ETED4)]	04.08-	113946	14 90			
		04.08-	114859	14 180	04.08-	114460	12 1.4
		04.08-	115364	14 150	07.10-	114460	12 1.4
	[9HR (DV6C)]	07.10-	115475	14 180	07.10-	113933	12 1.5
		04.08-	113640	14 150	04.08-	113933	12 1.5
		04.08-	114859	14 180	04.08-	114460	12 1.4
	[9HS (DV6TED4BU)]	04.08-	113640	14 150	04.08-	113933	12 1.5
		04.08-	114859	14 180	04.08-	114460	12 1.4
		04.08-	113640	14 150	04.08-	113933	12 1.5
	[9HT (DV6BUTED4)]	04.08-	113946	14 90			
		04.08-	114859	14 180	04.08-	114460	12 1.4
		04.08-	115369	14 150	04.08-	113933	12 1.5
	[9HT(DV6BTED4)]	04.08-	113946	14 90	04.08-	113933	12 1.5
		04.08-	114859	14 180	04.08-	114460	12 1.4
		04.08-	115369	14 150			
	[9HW (DV6BTED4)]	07.05-	113640	14 150	07.05-	113933	12 1.5
		04.08-	113640	14 150	04.08-	113933	12 1.5
		04.08-	114859	14 180	04.08-	114460	12 1.4
	[9HX (DV6ATED4)]	04.08-	114859	14 180	07.05-	113845	12 1.5
		AC			07.05-	113933	12 1.5
		07.05-	113640	14 150	07.05-	113960	12 0.9
Berlingo 1.6 HDi 110	[9HL (DV6C)]	07.10-	115364	14 150	A25 07.10-	116282	12 1.7
		07.10-	115475	14 180	07.10-	114460	12 1.4
		07.10-	115364	14 150	07.10-	116281	12 1.8
	[9HR (DV6C)]	07.10-	115475	14 180	07.10-	114460	12 1.4
		07.10-	115364	14 150	07.10-	116282	12 1.7
		07.10-	115364	14 150	07.10-	116282	12 1.7
Berlingo 1.6 HDi 115	[9HL (DV6C)]	07.10-	115364	14 150	07.10-	116282	12 1.7
		07.10-	115364	14 150	07.10-	116282	12 1.7
		07.10-	115475	14 180	A25 07.10-	116282	12 1.7
Berlingo 1.6 HDi 90	[9HF (DV6DTED)]	07.10-	115475	14 180	07.10-	114460	12 1.4
		07.10-	115364	14 150	07.10-	116281	12 1.8
		07.10-	115475	14 180	07.10-	114460	12 1.4
	[9HP (DV6DTED)]	07.10-	115364	14 150	07.10-	116281	12 1.8
		07.10-	115475	14 180	07.10-	114460	12 1.4
		07.10-	115364	14 150	07.10-	116282	12 1.7
	[9HX (DV6ATED4)]	07.10-	115475	14 180	07.10-	114460	12 1.4
		04.08-	113640	14 150	04.08-	113933	12 1.5
		07.10-	115364	14 150	07.10-	114460	12 1.4
	[9HX(DV6ATED4)]	07.10-	115475	14 180			
		07.10-	115364	14 150			
		07.10-	115475	14 180			
Berlingo 1.6 HDi 92	[9HJ (DV6DTEDM)]	07.10-	115364	14 150	07.10-	114460	12 1.4
		07.10-	115475	14 180			
		07.10-	115364	14 150			
Berlingo 1.6	[5FK (EP6CB)]	07.10-	115604	14 150 A49			
		07.10-	116353	14 150			
		07.10-	116353	14 150			



CITROEN Continued

	[5FS (EP6C)]	11.09-	114752	14 80	11.09-	113933	12 1.5
		11.09-	114771	14 150			
		11.09-	114811	14 120 A49			
		11.09-	115604	14 150 A49			
		11.09-	116311	14 120			
	[NFU (TU5JP4)]	11.09-	116353	14 150			
		11.08-	113405	14 70	11.08-	114030	12 2.2
		11.08-	113575	14 80	11.08-	113960	12 0.9
Berlingo 1.6 16V	[NFU (TU5JP4)]	11.08-	115438	14 120			
		10.00-	112648	14 70	10.00-	114030	12 2.2
Berlingo 1.6 VTi	[5FK (EP6CB)]	10.00-	113575	14 80	10.00-	113960	12 0.9
		07.10-	114811	14 120 A49	07.10-	113933	12 1.5
		07.10-	115604	14 150 A49			
		07.10-	116311	14 120			
		07.10-	116353	14 150			
Berlingo 1.8 Diesel	[A9A (XUD7)]	07.96- 11.02	111893	14 70	07.96- 11.02	111070	12 1.7
		07.96- 11.02	112230	14 80	07.96- 11.02	111994	12 0.7
		07.96-	112292	14 70	07.96- 11.02	113254	12 1.4
		07.96- 11.02	112688	14 95	07.96- 11.02	114030	12 2.2
		07.96- 11.02	112703	14 120			
		07.96- 11.02	113485	14 80			
		07.96- 11.02	113485	14 80			
Berlingo 1.8 i	[LFX (XU7JB)]	05.97-	111318	14 80	05.97-	110584	12 1.2
		05.97-	113604	14 95	05.97-	114030	12 2.2
Berlingo 1.8 i 4WD	[LFX (XU7JB)]	05.97- 11.02	111318	14 80	05.97- 11.02	110584	12 1.2
		05.97-	113604	14 95	05.97-	114030	12 2.2
Berlingo 1.9 Diesel	[D9B (XUD9A/L)]	07.96- 12.03	112230	14 80	07.96- 12.03	111994	12 0.7
		07.96- 12.03	112292	14 70	07.96- 12.03	113254	12 1.4
		07.96- 12.03	112688	14 95			
		07.96- 12.03	112703	14 120			
	[DJY (XUD9A)]	07.96-	112230	14 80	07.96-	111070	12 1.7
		07.96-	112292	14 70	07.96-	111994	12 0.7
		ACPS 07.96-	113485	14 80	07.96-	114030	12 2.2
		AC 07.96-	112688	14 95	07.96-	113254	12 1.4
	[WJY (DW8B)]	AC 07.96-	112703	14 120			
		09.00- 11.02	113603	14 80	09.00- 11.02	114030	12 2.2
		07.98-	112058	14 70	07.98-	111070	12 1.7
Berlingo 1.9 Diesel 4WD	[WJZ (DW8)]	07.98-	112480	14 90	07.98-	113254	12 1.4
		07.98-	113503	14 120			
		07.98-	112058	14 70	07.98-	111070	12 1.7
		07.98- 11.02	113603	14 80	07.98- 11.02	114030	12 2.2
	[WJY (DW8B)]	PS 07.98-	113503	14 120	07.98-	113254	12 1.4
		ACPS 07.98-	112480	14 90			
		07.98- 11.02	112058	14 70	07.98- 11.02	111070	12 1.7
	[WJZ (DW8)]	07.98- 11.02	113603	14 80	07.98- 11.02	114030	12 2.2
		07.98- 11.02	112058	14 70	07.98- 11.02	111070	12 1.7
		07.98- 11.02	112480	14 90	07.98- 11.02	113254	12 1.4
Berlingo 2.0 HDi	[RHY (DW10TD)]	07.98- 11.02	113503	14 120	07.98- 11.02	114030	12 2.2
		07.98- 11.02	112460	14 150	07.98- 11.02	113254	12 1.4
		07.98- 11.02	112480	14 90	07.98- 11.02	113254	12 1.4
		07.98- 11.02	113503	14 120	07.98- 11.02	114030	12 2.2
	[RHY (DW10TD)]	07.98- 11.02	113603	14 80	07.98- 11.02	114030	12 2.2
		07.98- 11.02	113755	14 150			
		07.98- 11.02	113948	14 150			
		11.20-	112058	14 70	11.20-	111070	12 1.7
	[RHY (DW10TD)]	11.20-	112460	14 150	11.20-	113254	12 1.4
		11.20-	112480	14 90	11.20-	114030	12 2.2
Berlingo Box 1.4 BiFuel	[KFW (TU3JP)]	11.20-	113503	14 120			
		07.96- 10.02	110619	14 70	07.96- 10.02	110584	12 1.2
		07.96- 10.02	111723	14 70	07.96- 10.02	111994	12 0.7
		07.96- 10.02	112648	14 70			
		07.96- 10.02	112782	14 80			
Berlingo Multispace MPV 1.6 HDi 4x4	[9HF (DV6DTE)]	07.96- 10.02	113404	14 90			
		02.12-	115364	14 150	02.12-	113933	12 1.5
	[9HR (DV6C)]	02.12-	115475	14 180	02.12-	114030	12 2.2
		02.12-	115364	14 150	02.12-	113933	12 1.5
		02.12-	115475	14 180	02.12-	114030	12 2.2
Berlingo Van 1.6 HDi 4x4	[9HF (DV6DTE)]	02.12-	115364	14 150	02.12-	114030	12 2.2
		02.12-	115475	14 180	02.12-	113254	12 1.4
	[9HN (DV6ETED)]	02.12-	115364	14 150	02.12-	114030	12 2.2
		02.12-	115475	14 180	02.12-	113254	12 1.4
	[BHY (DV6FD)]	02.12-	115475	14 180	02.12-	114030	12 2.2
		12.14-	115364	14 150	12.14-	113933	12 1.5
		12.14-	116242	12 180	12.14-	116282	12 1.7
BX 1.4	[150C]				07.88- 01.93	110584	12 1.2
BX 1.6	[B6D]				07.82- 01.93	110587	12 1.2
BX 1.9 Diesel	[D9B (XUD9A/L)]				09.83- 01.93	111070	12 1.7
BX 11 1.1	[H1A]	09.83- 06.88	111075	14 55	09.83- 06.88	110584	12 1.2
BX 11	[HDZ (TU1M)]	07.88- 06.92	111841	14 50			
		05.88- 09.91	111841	14 50	10.88- 06.92	110584	12 1.2
		10.88- 06.92	110077	14 50			
BX 14 1.4	[150A]	10.82- 06.88	111075	14 55			
		04.83- 02.93	110077	14 50	04.83- 02.93	110584	12 1.2
	[150C]	04.83- 07.88	111075	14 55			
		04.83- 02.93	111841	14 50			
		09.85- 02.93	110077	14 50	09.85- 02.93	110584	12 1.2
	[150F]	09.85- 07.88	111075	14 55			
		07.88- 02.93	111841	14 50			
		04.83- 07.89	110077	14 50	04.83- 07.89	110584	12 1.2
	[K1G]	04.83- 07.88	111075	14 55			
		07.88- 07.89	111841	14 50			
		01.89- 12.89	110077	14 50	01.89- 12.89	110584	12 1.2
	[K1H (TU3A)]	01.89- 12.89	110619	14 70			
		01.89- 12.89	111076	14 50			
		01.89- 12.89	111841	14 50			
BX 15 1.6	[KDY (TU3M)]	01.89- 02.93	110077	14 50	01.89- 02.93	110584	12 1.2
		01.89- 02.93	111841	14 50			
		01.89- 02.93	110077	14 50	01.89- 02.93	110584	12 1.2
	[KDZ (TU3M/Z)]	01.89- 02.93	111841	14 50			
		01.89- 02.93	111841	14 50			
BX 15 1.6	[B1E (XU51C)]	10.87- 05.92	111076	14 50	10.87- 05.92	110587	12 1.2



BX 16 1.6	[171A]	10.82- 06.84	111076	14 50	10.82- 06.84	110587	12 1.2
		06.85- 06.88	112162	14 70	06.85- 06.88	111130	12 1.1
	[171B]	10.82- 06.84	111076	14 50	10.82- 06.84	110587	12 1.2
		06.85- 06.88	112162	14 70	06.85- 06.88	111130	12 1.1
	[171C]	07.84- 06.88	111076	14 50	07.84- 06.88	110587	12 1.2
		06.85- 06.88	112162	14 70	06.85- 06.88	111070	12 1.7
	[171D]	07.85- 02.93	111076	14 50	07.85- 02.93	110587	12 1.2
	[180Z]	03.86- 02.93	111076	14 50	03.86- 02.93	110587	12 1.2
	[B1A (XU52C/K)]	09.87- 02.93	111076	14 50	09.87- 02.93	110587	12 1.2
	[B1E (XU51C)]	09.87- 02.93	111076	14 50	09.87- 02.93	110587	12 1.2
		09.88- 12.94	111075	14 55			
	[BAY (XU5CP)]	09.88-	111076	14 50	09.88-	110587	12 1.2
	[BAZ (XU5CP)]	09.88-	111076	14 50	09.88-	111130	12 1.1
	[BDY (XU5M)]	05.89- 02.93	111076	14 50	05.89- 02.93	110587	12 1.2
BX 16 1.9	[BDZ (XU5M)]	05.89- 02.93	111076	14 50	05.89- 02.93	111130	12 1.1
	[XU52C]	10.82- 08.84	111076	14 50	10.82- 08.84	110587	12 1.2
	[BAY (XU5CP)]	09.88-	111076	14 50	09.88-	110587	12 1.2
	[A8A (XUD7TE)]	03.88- 12.94	112162	14 70			
	[161 (XUD7)]	10.85- 09.93	111076	14 50	10.85- 09.93	111070	12 1.7
	[161A (XUD7)]	10.85- 09.93	111076	14 50	10.85- 09.93	111070	12 1.7
	[AJZ (XUD7TE)]	03.88- 12.94	112162	14 70			
	[AJZ (XUD7TE)]	02.88- 12.94	112162	14 70	02.88- 12.94	111070	12 1.7
	[D9B (XUD9A/U)]	03.87- 02.93	111076	14 50	03.87- 02.93	111070	12 1.7
	[16Z (XUD9)]	09.83- 12.87	111076	14 50	09.83- 12.87	110587	12 1.2
	[D9A (XUD9)]	09.83- 12.87	111076	14 50	09.83- 12.87	111070	12 1.7
	[D9B (XUD9A/U)]	03.87- 02.93	111076	14 50	03.87- 02.93	110587	12 1.2
					03.87- 12.94	111070	12 1.7
	[DJZ (XUD9Y)]	09.83- 12.87	111076	14 50	09.83- 12.87	111070	12 1.7
BX 19 1.9	[A8A (XUD7TE)]	03.88- 02.93	112162	14 70	03.88- 02.93	111070	12 1.7
	[159A]	07.86- 05.89	111076	14 50	07.86- 05.89	110587	12 1.2
	[D2A (XU92C)]	07.86- 05.89	111075	14 55	07.86- 05.89	110587	12 1.2
		07.86- 05.89	111076	14 50	07.86- 05.89	111130	12 1.1
	[D2C (XU92C)]	09.86- 11.89	111076	14 50	09.86- 11.89	110587	12 1.2
					12.87- 12.89	111130	12 1.1
	[DDZ (XU9M)]	06.88- 02.93	111076	14 50	06.88- 02.93	110587	12 1.2
	[DFZ (XU9J1)]	07.86-	111076	14 50	07.86-	111070	12 1.7
	[DKZ (XU9JA)]	06.88- 02.93	111076	14 50	06.88- 02.93	110587	12 1.2
					A13 02.92- 12.94	111070	12 1.7
		02.92- 12.94	111076	14 50			
	[D2F]	04.89- 02.93	111076	14 50	A13 04.89- 02.93	111070	12 1.7
	[DDZ (XU9M)]	10.90- 05.91	111076	14 50	10.90- 05.91	111130	12 1.1
	[DKZ (XU9JA)]	06.88- 02.93	111076	14 50	06.88- 02.93	110587	12 1.2
BX 19 1.9 GTi	[D6C (XU9J4)]	09.87- 12.88	111076	14 50	A13 09.87- 12.88	110587	12 1.2
	[DFW (XU9J4)]	03.88- 02.93	111076	14 50	03.88- 02.93	111070	12 1.7
	[D6A (XU9J2)]	07.86- 02.93	111076	14 50	07.86- 02.93	110587	12 1.2
	[1KR-FE]	06.05-	114090	14 70	A42 06.05-	113963	12 1.1
		06.05-	114099	14 80	06.05-	113933	12 1.5
	[1KR-FE]	04.14-	116301	14 100	04.14-	116279	12 1.2
		A25 04.14-	116300	14 115	A25 04.14-	116648	12 1.0
	[CFB (1KR)]	06.18-	116301	14 100	A13 06.18-	116279	12 1.2
		A25 06.18-	116300	14 115	06.18-	116092	12 1.0
	[HMT (EB2D)]	04.14-	116237	12 125	A25 04.14-	116648	12 1.0
	[DV4D]	06.05-	113755	14 150	06.05-	113254	12 1.4
		06.05-	113948	14 150	06.05-	113963	12 1.1
	[TU9]	10.84- 12.97	110077	14 50	10.84- 12.97	110584	12 1.2
	[XV8]	10.84- 12.97	110077	14 50	10.84- 12.97	110584	12 1.2
C1 1.0		05.88- 06.95	111841	14 50			
	[109K]	10.84- 07.88	111075	14 55	10.84- 07.88	110584	12 1.2
	[HDZ (TU1M)]	07.88- 12.96	110077	14 50	07.88- 12.96	110584	12 1.2
		07.88- 12.96	111841	14 50	07.88- 12.96	114460	12 1.4
	[G1A]	07.87- 05.88	110077	14 50	07.87- 05.88	110584	12 1.2
		07.87- 05.88	111841	14 50			
	[K1H (TU3A)]	07.87- 12.96	110077	14 50	07.87- 12.96	110584	12 1.2
		07.87- 12.96	111841	14 50	07.87- 12.96	114460	12 1.4
	[KDY (TU3M)]	05.87- 07.96	111841	14 50			
	[150D (XY7)]	01.86- 01.87	111075	14 55	01.86- 01.87	111070	12 1.7
	[K3A]	07.87-	111841	14 50	07.87-	116634	12 1.1
	[KDY (TU3FM)]	05.91- 12.96	110077	14 50	05.91- 12.96	110584	12 1.2
		05.91-	111841	14 50	05.91-	114460	12 1.4
	[KDY (TU3M)]	05.91- 12.96	110077	14 50	05.91- 12.96	110584	12 1.2
		05.91-	111841	14 50	05.91-	116634	12 1.1
C15 1.4 i.e.	[161A (XUD7)]	07.84-	111076	14 50	07.84-	111070	12 1.7
		07.86-	112162	14 70			
	[WJX (DW8B)]	12.20-	112058	14 70			
		09.00- 10.02	113405	14 70			
	[HFX (TU1JP)]	09.03-	113246	14 90	09.03-	110584	12 1.2
		09.03-	114707	14 80	09.03-	113933	12 1.5
		09.03-	115474	14 80			
	[HFX (TU1JP)]	11.03- 06.08	113246	14 90	11.03- 06.08	111994	12 0.7
		11.03- 06.08	114707	14 80			
		11.03- 06.08	115474	14 80			
	[8HX (DV4TD)]	09.03-	113640	14 150	09.03-	111994	12 0.7
		09.03-	113755	14 150	09.03-	113254	12 1.4
		09.03-	113948	14 150	09.03-	113933	12 1.5
		AC 09.03-	113640	14 150	09.03-	114030	12 2.2
	[8HZ (DV4TD)]	09.03-	113640	14 150	09.03-	113254	12 1.4
C2 1.4		09.03-	113755	14 150			
		09.03-	113948	14 150	09.03-	113933	12 1.5
	[KFX (TU3JP)]	09.03-	113246	14 90	09.03-	110584	12 1.2
		09.03-	114707	14 80			
		09.03-	115474	14 80			
	[KFU (ET3J4)]	06.06-	113246	14 90	06.06-	110584	12 1.2
	[NFU (TU5JP4)]	09.03-	113246	14 90	09.03-	110584	12 1.2
	[NF5 (TU5JP4S)]	01.05-	113246	14 90	01.05-	110584	12 1.2
		01.05-	113405	14 70	01.05-	111994	12 0.7
	[D9B (XUD9A/U)]	07.87- 02.94	111076	14 50	07.87- 02.94	111115	12 2.2
					07.87- 02.94	111070	12 1.7
	[M705]	04.92- 02.94	113187	14 85	04.92- 02.94	111115	12 2.2
					04.92- 02.94	116327	12 2.2
	[170A (XN1T)]				09.81- 02.94	111066	12 1.05
							A49



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	[170B (XN1T)]				09.81- 02.94	111066	12 1.05
	[170C (XN1T)]				02.91- 02.94	111066	12 1.05
C25 2.5 Diesel	[CRD93L]	07.81- 02.94	111071	14 75	07.81- 02.94	111115	12 2.2
	[CRD93L (U25-661)]	02.85- 07.94	111071	14 75	02.85- 07.94	111115	12 2.2
					02.85- 07.94	111070	12 1.7
C25 2.5 Diesel 4x4	[CRD93L]	01.81-	111071	14 75	01.81-	111115	12 2.2
					01.87- 02.94	111070	12 1.7
C25 E 1.8	[169 (XM7T)]				10.81- 02.94	111066	12 1.05
C3 1.0 VTi 68	[ZMZ (EB0)]	08.12-	115546	14 80 A49	08.12-	113960	12 0.9
		08.12-	116237	12 125	08.12-	116281	12 1.8
		08.12-	116357	14 80			
C3 1.1 Flexfuel	[HFX (TU1A)]	11.10-	114707	14 80	11.10-	111994	12 0.7
C3 1.1	[HFV (TU1JP)]	11.09- 01.13	114707	14 80	11.09- 01.13	111994	12 0.7
		11.09- 01.13	115371	14 120	11.09- 01.13	113960	12 0.9
C3 1.1 i	[HFX (TU1JP)]	02.02-	113246	14 90	02.02-	110584	12 1.2
		02.02-	114707	14 80	02.02-	111994	12 0.7
		02.02-	115474	14 80	02.02-	113254	12 1.4
C3 1.2 Puretech 110	[HNV (EB2DTM)]	06.17-	116152	14 150	06.17-	116092	12 1.0
		06.17-	116237	12 125	06.17-	113933	12 1.5
	[HNZ (EB2DT)]	06.17-	116152	14 150	06.17-	116092	12 1.0
		06.17-	116237	12 125	06.17-	113960	12 0.9
C3 1.2 PureTech 82	[HMR (EB2FA)]	05.18-	116541	14 120	A25 05.18-	116282	12 1.7
C3 1.2 THP 110	[HNV (EB2DTM)]	07.16-	116237	12 125	07.16-	113933	12 1.5
	[HNZ (EB2DT)]	07.16-	116237	12 125	07.16-	113933	12 1.5
C3 1.2 Vti 68	[HMP (EB2FB)]	07.16-	116237	12 125	07.16-	113933	12 1.5
C3 1.2 Vti 82	[HMZ (EB2F)]	07.16-	116237	12 125	07.16-	113933	12 1.5
C3 1.2 THP Picasso	[HNZ (EB2DT)]	01.15-	115546	14 80 A49	01.15-	113960	12 0.9
		01.15-	116237	12 125	01.15-	113933	12 1.5
		01.15-	116357	14 80	A25 01.15-	116281	12 1.8
C3 1.2 VTi 110	[HNZ (EB2DT)]	10.14-	116237	12 125	10.14-	113960	12 0.9
C3 1.2 VTi 82	[HMZ (EB2F)]	06.12-	115546	14 80 A49	06.12-	113960	12 0.9
		06.12-	116237	12 125	06.12-	116281	12 1.8
		06.12-	116357	14 80			
C3 1.2 Puretech 110	[HNZ (EB2DT)]	03.19-	116237	12 125	03.19-	113933	12 1.5
C3 1.2 PureTech 82	[HMR (EB2FA)]	Emission standard 6.2 03.19-	116541	14 120	03.19-	116282	12 1.7
C3 1.2 VTi	[HMZ (EB2F)]	07.16-	116237	12 125	07.16-	113933	12 1.5
C3 1.2 LPG PureTech 82 LPG	[HMR (EB2FA)]	05.18-	116541	14 120	A25 05.18-	116282	12 1.7
C3 1.2 LPG VTi 82 LPG	[HMZ (EB2F)]	07.16-	116237	12 125	07.16-	113933	12 1.5
C3 1.4 LPG	[8FN (EP3)]	06.13-	114752	14 80	06.13-	113254	12 1.4
		06.13-	114811	14 120	06.13-	116092	12 1.0
		06.13-	116311	14 120			
C3 1.4 BiFuel	[KFV (TU3JP)]	09.08- 12.09	115474	14 80	09.08- 12.09	113254	12 1.4
C3 1.4 BiFuel Picasso	[8FN (EP3)]	01.12-	114811	14 120 A49	01.12-	113254	12 1.4
		01.12-	116311	14 120	01.12-	116092	12 1.0
C3 1.4 HDi 16V	[8HY (DV4TED4)]	02.02-	113755	14 150	02.02-	111994	12 0.7
C3 1.4 HDi	[8HR (DV4C)]	11.09-	113640	14 150	11.09-	110584	12 1.2
		11.09-	115364	14 150	11.09-	114030	12 2.2
		11.09-	115369	14 150	11.09-	113960	12 0.9
					06.10- 09.16	111994	12 0.7
	[8HX (DV4TD)]	02.02-	113755	14 150	02.02-	111994	12 0.7
		04.04-	113640	14 150	04.04-	110584	12 1.2
	[8HZ (DV4TD)]	11.09-	113640	14 150	11.09-	110584	12 1.2
		11.09-	115369	14 150	11.09-	113960	12 0.9
C3 1.4	[KFT (TU3A)]	11.09-	114707	14 80	11.09-	111848	12 1.0
	[KFV (TU3A)]	11.09-	114707	14 80	11.09-	111994	12 0.7
	[KFV (TU3JP)]	05.03-	113246	14 90	05.03-	110584	12 1.2
		05.03-	114707	14 80	05.03-	111994	12 0.7
		05.03-	115474	14 80	05.03-	113254	12 1.4
C3 1.4 Picasso	[8FS (EP3)]	02.09-	114752	14 80	02.09-	113254	12 1.4
		02.09-	114811	14 120 A49	02.09-	116092	12 1.0
		02.09-	116311	14 120			
C3 1.4 16V	[KFU (ET3J4)]	12.03-	113246	14 90	12.03-	110584	12 1.2
C3 1.4 i BiValent	[KFV (TU3JP)]	02.02-	113246	14 90	02.02-	110584	12 1.2
		02.02-	114707	14 80	02.02-	111994	12 0.7
		02.02-	115474	14 80	02.02-	113254	12 1.4
C3 1.4 i	[KFV (TU3A)]	02.02-	113246	14 90	02.02-	110584	12 1.2
		02.02-	114707	14 80	02.02-	113466	24 4.0
		02.02-	115438	14 120	02.02-	113960	12 0.9
		02.02-	115474	14 80	02.02-	113254	12 1.4
	[KFV (TU3JP)]	02.02-	113246	14 90	02.02-	110584	12 1.2
		02.02-	114707	14 80	02.02-	111994	12 0.7
		02.02-	115438	14 120	02.02-	113960	12 0.9
		02.02-	115474	14 80	02.02-	113254	12 1.4
C3 1.4 LPG	[KFT (TU3A)]	07.10-	114707	14 80	07.10-	113254	12 1.4
C3 1.4 VTi	[8FR (EP3)]	11.09-	114752	14 80	11.09-	113254	12 1.4
		11.09-	114811	14 120 A49	A25 11.09-	116281	12 1.8
		11.09-	116311	14 120			
C3 1.5 BlueHDi 100	[YHY (DV5RD)]	05.18-	116541	14 120	05.18-	116281	12 1.8
C3 1.5 BlueHDi BlueHDi 100	[YHY (DV5RD)]	03.19-	116152	14 150	03.19-	116092	12 1.0
		03.19-	116541	14 120	03.19-	116282	12 1.7
C3 1.6 Bioflex		06.05-	113246	14 90	06.05-	110584	12 1.2
C3 1.6 BlueHDi	[BHW (DV6FE)]	03.15- 09.16	115364	14 150	03.15- 09.16	114030	12 2.2
		03.15- 09.16	116242	12 180	03.15- 09.16	116092	12 1.0
					A25 03.15- 09.16	116282	12 1.7
C3 1.6 BlueHDi 100	[BHY (DV6FD)]	07.14-	115364	14 150	07.14-	114030	12 2.2
		07.14-	116242	12 180	07.14-	113933	12 1.5
					07.17-	116092	12 1.0
					A25 07.17-	116282	12 1.7
C3 1.6 BlueHDi 115	[BHX (DV6FC)]	06.17-	115364	14 150	06.17-	114030	12 2.2
		06.17-	116242	12 180	06.17-	116092	12 1.0
					A25 06.17-	116282	12 1.7
C3 1.6 BlueHDi 120	[BHZ (DV6FC)]	07.17-	115364	14 150	07.17-	114030	12 2.2
		07.17-	116242	12 180	07.17-	113933	12 1.5
					A25 07.17-	116282	12 1.7
C3 1.6 BlueHDi 75	[BHW (DV6FE)]	04.15-	115364	14 150	04.15-	114030	12 2.2
		04.15-	116242	12 180	04.15-	113933	12 1.5
C3 1.6 BlueHDi BlueHDi 100	[BHY (DV6FD)]	03.19-	115364	14 150	03.19-	113960	12 0.9
					03.19-	116282	12 1.7
C3 1.6 BlueHDi BlueHDi 75	[BHW (DV6FE)]	03.19-	115364	14 150	03.19-	113960	12 0.9
					03.19-	116282	12 1.7



C3 1.6 HDi 16V	[9HX (DV6ATED4)]	10.05-	113640	14 150	10.05-	110584	12 1.2
	[9HZ (DV6TED4)]	09.05-	113640	14 150	09.05-	110584	12 1.2
C3 1.6 HDi	[9HP (DV6DTED)]	11.09-	115364	14 150	11.09-	113254	12 1.4
C3 1.6 HDi 115	[9HD (DV6C)]	09.12-	115364	14 150	09.12-	114030	12 2.2
C3 1.6 HDi 115 Picasso	[9HD (DV6C)]	01.13-	115364	14 150	01.13-	114030	12 2.2
C3 1.6 HDi BlueHDi 110	[BHY (DV6FD)]	07.16-	115364	14 150	07.16-	114030	12 2.2
C3 1.6 HDi BlueHDi 75	[BHW (DV6FE)]	07.16-	115364	14 150	07.16-	114030	12 2.2
C3 1.6 HDi Picasso	[9HP (DV6DTED)]	07.10-	115364	14 150	07.10-	113254	12 1.4
C3 1.6 HDi Picasso 110	[9HR (DV6C)]	05.10-	115364	14 150	05.10-	113254	12 1.4
C3 1.6	[NFU (TU5JP4)]	05.03-	113246	14 90	05.03-	110584	12 1.2
C3 1.6 Picasso	[5FS (EP6C)]	02.09-	114752	14 80	02.09-	113254	12 1.4
		02.09-	114811	14 120 A49	02.09-	116092	12 1.0
		02.09-	116311	14 120			
	[5FW (EP6)]	02.09-	114752	14 80	02.09-	113254	12 1.4
		02.09-	114811	14 120 A49	02.09-	116092	12 1.0
		02.09-	116311	14 120			
C3 1.6 16V	[NFU (TU5JP4)]	02.02-	113246	14 90	02.02-	110584	12 1.2
C3 1.6 VTI	[NFP (EC5)]	01.17-	116237	12 125	01.17-	113933	12 1.5
C3 Aircross 1.2 Puretech 82	[HMF (EB2F)]	06.17-	116152	14 150	06.17-	114030	12 2.2
		06.17-	116541	14 120	A25 06.17-	116281	12 1.8
C3 Aircross 1.2 Puretech 82	[HMF (EB2F)]	05.19-	116152	14 150	05.19-	113960	12 0.9
	[HNZ (EB2DT)]	05.19-	116152	14 150	05.19-	113960	12 0.9
		05.19-	116237	12 125	05.19-	114030	12 2.2
C3 Aircross 1.5 BlueHDi 1.5 BlueHDi 100	[YHY (DV5RD)]	05.19-	116152	14 150	05.19-	116092	12 1.0
		05.19-	116541	14 120			
C3 Aircross 1.5 BlueHDi 1.5 BlueHDi 120	[YHX (DV5RC)]	05.19-	116152	14 150	05.19-	116092	12 1.0
C3 Aircross 1.5 BlueHDi 100	[YHY (DV5RD)]	08.18-	116152	14 150	08.18-	114030	12 2.2
		08.18-	116541	14 120	A25 08.18-	116282	12 1.7
C3 Aircross 1.5 BlueHDi 120	[YHX (DV5RC)]	08.18-	116152	14 150	08.18-	113960	12 0.9
C3 Aircross 1.6 BlueHDi 1.6 BlueHDi 100	[BHY (DV6FD)]	05.19-	115364	14 150	05.19-	114030	12 2.2
		05.19-	116242	12 180			
C3 Aircross 1.6 HDi 92	[9HP (DV6D), 9HP (DV6DTED)]	10.17-	115364	14 150	10.17-	114030	12 2.2
C3 Aircross li 1.5 BlueHDi 100		08.18-	116541	14 120			
C3 Picasso MPV 1.6 VTRI	[5FP (EP6)]	10.16-	114752	14 80	10.16-	113960	12 0.9
		10.16-	114811	14 120 A49			
		10.16-	116311	14 120			
C3 Pluriel 1.4	[KFV (TU3A)]	07.03-	114707	14 80	07.03-	110584	12 1.2
C4 1.2 THP 130	[HNY (EB2DTS)]	11.17-	116152	14 150	11.17-	113933	12 1.5
		11.17-	116237	12 125			
C4 1.2 THP 110	[HNZ (EB2DT)]	02.15-	116237	12 125	A25 02.15-	113933	12 1.5
					02.15-	116281	12 1.8
C4 1.2 THP 130	[HNY (EB2DTS)]	04.14-	116237	12 125	04.14-	113933	12 1.5
					04.14-	116281	12 1.8
C4 1.2 THP Picasso	[HNY (EB2DTS)]	04.14-	116152	14 150	04.14-	113933	12 1.5
		04.14-	116237	12 125	A25 04.14-	116281	12 1.8
C4 1.4	[8FP (EP3C)]	11.09-	114811	14 120 A49	11.09-	113254	12 1.4
		11.09-	115604	14 150 A49	11.09-	113926	12 1.9
		11.09-	116311	14 120	11.09-	113933	12 1.5
		11.09-	116353	14 150			
C4 1.4 16V	[KFU (ET3J4)]	11.04-	113246	14 90	11.04-	110584	12 1.2
		11.04-	113405	14 70	11.04-	111070	12 1.7
C4 1.6 BlueHDi	[BHY (DV6FD)]	07.14-	115364	14 150	07.14-	113960	12 0.9
		07.14-	116242	12 180	07.14-	113933	12 1.5
					07.14-	116282	12 1.7
	[BHZ (DV6FC)]	02.15-	115364	14 150	02.15-	113960	12 0.9
		02.15-	116242	12 180	02.15-	113933	12 1.5
					02.15-	116282	12 1.7
C4 1.6 BlueHDi 100	[BHY (DV6FD)]	12.14-	115364	14 150	12.14-	113960	12 0.9
		12.14-	116242	12 180	12.14-	113933	12 1.5
					12.14-	116282	12 1.7
C4 1.6 HDi	[9HP (DV6DTED)]	06.10-	115475	14 180	11.09-	114030	12 2.2
		11.09-	115364	14 150	06.10-	113960	12 0.9
	[9HR (DV6C)]	11.09-	115364	14 150	11.09-	113960	12 0.9
		11.09-	115475	14 180	11.09-	114030	12 2.2
	[9HX (DV6ATED4)]	11.04-	113640	14 150	11.04-	111994	12 0.7
					11.04-	113254	12 1.4
	[9HY (DV6ATED4)]	11.04-	113640	14 150	11.04-	113254	12 1.4
	[9HY (DV6TED4)]	11.04-	113640	14 150	11.04-	113254	12 1.4
	[9HZ (DV6TED4)]	07.06-	113640	14 150	07.06-	113254	12 1.4
C4 1.6 HDi 115	[9HC (DV6C)]	09.13-	115364	14 150	09.13-	113960	12 0.9
		09.13-	115475	14 180	09.13-	114030	12 2.2
	[9HR (DV6C)]	07.12-	115364	14 150	07.12-	114030	12 2.2
	[BHX (DV6FC)]	09.13-	115364	14 150	09.13-	113960	12 0.9
		09.13-	115475	14 180	09.13-	114030	12 2.2
C4 1.6 HDi 115 Picasso	[9HC (DV6C)]	02.13-	115364	14 150	02.13-	113960	12 0.9
		02.13-	115475	14 180	02.13-	114030	12 2.2
	[BHX (DV6FC)]	02.13-	115364	14 150	02.13-	113960	12 0.9
		02.13-	115475	14 180	02.13-	114030	12 2.2
C4 1.6 HDi 90	[9HP (DV6DTED)]	09.13-	115364	14 150	09.13-	113960	12 0.9
		09.13-	115475	14 180	09.13-	114030	12 2.2
C4 1.6 HDi 90 Picasso	[9HP (DV6DTED)]	02.13-	115364	14 150	02.13-	114030	12 2.2
		02.13-	115475	14 180			
C4 1.6 HDi Grand Picasso	[9HY (DV6TED4)]	10.06-	113640	14 150	10.06-	113254	12 1.4
	[9HZ (DV6TED4)]	10.06-	113640	14 150	10.06-	113254	12 1.4
C4 1.6 HDi HDi	[9HG (DV6CM)]	04.10- 11.12	115364	14 150	04.10- 11.12	113960	12 0.9
C4 1.6 HDi Picasso	[9HY (DV6TED4)]	02.07-	113640	14 150	02.07-	111994	12 0.7
	[9HZ (DV6TED4)]	02.07-	113640	14 150	02.07-	113254	12 1.4
C4 1.6 HDi Picasso 110	[9HL (DV6C)]	09.10-	115364	14 150	09.10-	114030	12 2.2
	[9HR (DV6C)]	09.10-	115364	14 150	09.10-	113960	12 0.9
		09.10-	115475	14 180	09.10-	114030	12 2.2
					09.10-	113254	12 1.4
C4 1.6	[5FS (EP6C)]	01.13-	114771	14 150	01.13-	113254	12 1.4
		01.13-	114811	14 120	01.13-	113933	12 1.5
		01.13-	115604	14 150	01.13-	114854	12 2.5
		01.13-	116311	14 120			
		01.13-	116353	14 150			



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C4 1.6 155	[5FV (EP6CDT)]	09.13-	115604	14 150 A49	09.13-	113933	12 1.5
		09.13-	116353	14 150	09.13-	114854	12 2.5
C4 1.6 Picasso THP 155	[5FV (EP6CDT)]	09.10-	112772	14 120	09.10-	110584	12 1.2
		09.10-	115604	14 150 A49	09.10-	113926	12 1.9
		09.10-	116353	14 150	09.10-	113933	12 1.5
C4 1.6 16V	[5FV (EP6CDT)]	11.09-	114811	14 120 A49	11.09-	113254	12 1.4
		11.09-	115604	14 150 A49	11.09-	113926	12 1.9
		11.09-	116311	14 120	11.09-	113933	12 1.5
		11.09-	116353	14 150			
	[NFU (TU5JP4)]	11.04-	113405	14 70	11.04-	110584	12 1.2
		11.04-	113246	14 90	11.04-	111070	12 1.7
	AC 11.04-	115438	14 120	11.04-	113960	12 0.9	
C4 1.6 THP	[5FV (EP6CDT)]	02.13-	114811	14 120 A49	02.13-	113254	12 1.4
		02.13-	115604	14 150 A49	02.13-	113926	12 1.9
		02.13-	116311	14 120	02.13-	113933	12 1.5
		02.13-	116353	14 150			
C4 1.6 THP Picasso	[5GZ (EP6FDT)]				A25 07.14-	116281	12 1.8
C4 1.6 VTi 120	[5FS (EP6C)]	09.13-	115604	14 150 A49	09.13-	113933	12 1.5
		09.13-	116353	14 150	09.13-	114854	12 2.5
C4 1.6 VTi 120 Picasso	[5FS (EP6C)]	02.13-	114811	14 120 A49	02.13-	113254	12 1.4
		02.13-	115604	14 150 A49	02.13-	113926	12 1.9
		02.13-	116311	14 120	02.13-	113933	12 1.5
		02.13-	116353	14 150	02.13-	114854	12 2.5
C4 1.6 VTi Picasso	[5FW (EP6)]	07.08-	114811	14 120 A49	07.08-	113254	12 1.4
		07.08-	115604	14 150 A49	07.08-	113926	12 1.9
		07.08-	116311	14 120	07.08-	113933	12 1.5
		07.08-	116353	14 150			
C4 1.8 16V Picasso	[6FY (EW7A)]		115371	14 120		113960	12 0.9
			115541	14 150		113926	12 1.9
						116634	12 1.1
C4 1.8 16V Picasso	[6FY (EW7A)]		115541	14 150		113960	12 0.9
						114460	12 1.4
						116634	12 1.1
C4 1.8 i 16V Grand Picasso	[6FY (EW7A)]		115541	14 150		113926	12 1.9
						114460	12 1.4
						116634	12 1.1
C4 2.0 BlueHdi 135	[AHV (DW10FDD)]				09.13-	114460	12 1.4
					09.13-	114854	12 2.5
C4 2.0 BlueHdi 160	[RHH (DW10CTED4)]	10.10-	114811	14 120 A49	10.10-	113254	12 1.4
		10.10-	115364	14 150	10.10-	113960	12 0.9
		10.10-	115475	14 180	10.10-	114030	12 2.2
		10.10-	116311	14 120	10.10-	113933	12 1.5
					AT 10.10-	114854	12 2.5
					10.10-	114460	12 1.4
C4 2.0 Hdi	[RHE (DW10CTED4) DTR]	11.09-	115364	14 150	11.09-	114030	12 2.2
					11.09-	114460	12 1.4
	[RHR (DW10BTED4)]	11.04-	113640	14 150	11.04-	111070	12 1.7
					11.04-	111994	12 0.7
					11.04-	114460	12 1.4
					02.05- 12.10	113254	12 1.4
					AT 02.05- 12.10	114854	12 2.5
	[RHZ (DW10ATED)]	04.07- 07.08	113640	14 150	04.07- 07.08	113254	12 1.4
					04.07- 07.08	114460	12 1.4
C4 2.0 Hdi 150	[AHX (DW10FD)]				09.13-	114460	12 1.4
					09.13-	114854	12 2.5
C4 2.0 Hdi Grand Picasso	[RHE (DW10CTED4)]	07.09-	115364	14 150	07.09-	114030	12 2.2
		07.09-	115582	14 230	07.09-	113926	12 1.9
					07.09-	114460	12 1.4
	[RHJ (DW10BTED4)]	10.06-	113640	14 150	10.06-	113254	12 1.4
	[RHR (DW10BTED4)]	10.06-	113640	14 150	10.06-	113254	12 1.4
C4 2.0 Hdi Picasso	[RHE (DW10CTED4)]	07.09-	115364	14 150	07.09-	114030	12 2.2
		07.09-	115582	14 230	07.09-	113926	12 1.9
					07.09-	114460	12 1.4
	[RHJ (DW10BTED4)]	02.07-	113640	14 150	02.07-	111994	12 0.7
	[RHR (DW10BTED4)]	02.07-	113640	14 150	02.07-	113254	12 1.4
C4 2.0 Hdi Picasso 165	[RHH (DW10CTED4)]	09.10-	115364	14 150	09.10-	114030	12 2.2
		09.10-	115475	14 180	09.10-	113254	12 1.4
		09.10-	115582	14 230	09.10-	113926	12 1.9
					09.10-	114460	12 1.4
					09.10-	114854	12 2.5
C4 2.0 VTR	[RFJ (EW10A)]		115371	14 120		113960	12 0.9
			115541	14 150			
						114460	12 1.4
						116634	12 1.1
C4 2.0 16V	[RFJ (EW10A)]		115541	14 150		113926	12 1.9
						113960	12 0.9
						114460	12 1.4
						116634	12 1.1
	[RFK (EW10J4S)]		113755	14 150	11.04-	113254	12 1.4
					11.04-	114460	12 1.4
					11.04-	116634	12 1.1
	[RFN (EW10J4)]		113575	14 80		111070	12 1.7
			113718	14 70		114460	12 1.4
						116634	12 1.1
C4 2.0 16V Picasso	[RFJ (EW10A)]		115541	14 150		113960	12 0.9
						114460	12 1.4
						116634	12 1.1
C4 2.0 i 16V Grand Picasso	[RFJ (EW10A)]		115541	14 150		113926	12 1.9
						114460	12 1.4
						116634	12 1.1
C4 Aircross 1.6 Hdi 115	[9HL (DV6C)]	04.12-	115364	14 150			
C4 Aircross 1.6 Hdi 115 4WD	[9HL (DV6C)]	05.12-	115364	14 150			
C4 Aircross 1.6	[4A92]	04.12-	116153	14 95			
C4 Aircross 1.8 Hdi 150	[4N13]	04.12-	116030	14 130			
C4 Aircross 1.8 Hdi 150 4WD	[4N13]	04.12-	116030	14 130			
C4 Cactus 1.2 82	[HMZ (EB2F)]	09.14-	116237	12 125	09.14-	113254	12 1.4
C4 Cactus 1.2 THP 110	[HNZ (EB2DT)]	09.14-	116152	14 150	09.14-	116092	12 1.0
		09.14-	116237	12 125	09.14-	114030	12 2.2



C4 Cactus 1.2 Puretech 110	[HNZ (EB2DT), HNP (EB2ADT)]	Emission standard 6.2	05.19-	116541	14	120			
C4 Cactus 1.2 Puretech 130	[HNY (EB2DTS)]		05.19- 05.19-	116152 116237	14	150 125	05.19-	116092	12 1.0
C4 Cactus 1.2 Puretech 82	[HMZ (EB2)]		05.19- 05.19- 05.19-	115546 116237 116357	14	80 125 80	05.19- 05.19-	113254 113960	12 1.4 12 0.9
C4 Cactus 1.5 BlueHDi 100	[YHY (DV5RD)]		06.18- 06.18-	116152 116541	14	150 120	06.18- 06.18-	116092 116281	12 1.0 12 1.8
C4 Cactus 1.5 BlueHDi 120	[YHX (DV5RC)]		09.18-	116152	14	150	09.18-	116282	12 1.7
C4 Cactus 1.5 BlueHDi BlueHDi 100	[YHY (DV5RD)]		05.19-	116541	14	120			
C4 Cactus 1.6 BlueHDi BlueHDi 100	[BHY (DV6FD)]		05.19-	115364	14	150	05.19-	113254	12 1.4
C4 Grand Picasso 1.7 16V Flex	[6FY (EW7A)]		06.09- 01.13 06.09- 01.13	115371 115541	14	120 150	06.09- 01.13 06.09- 01.13	114460 116634	12 1.4 12 1.1
C4 Pallas 1.6 HDi HDi	[9HG (DV6CM)]		04.10- 11.12	115364	14	150	04.10- 11.12	113254	12 1.4
C4 Picasso 1.6 e-HDi	[9HC (DV6C)]		02.13- 02.13-	115364 115475	14	150 180	02.13- 02.13- 02.13-	114030 113254 113933	12 2.2 12 1.4 12 1.5
	[9HP (DV6DTE)]		02.13- 02.13-	115364 115475	14	150 180	02.13- 02.13- 02.13-	114030 113254 113933	12 2.2 12 1.4 12 1.5
C4 Picasso 1.6 120	[5FS (EP6C)]		02.13-	116353	14	150	02.13-	113960	12 0.9
C4 Picasso 1.6 155	[5FV (EP6CDT)]		02.13-	116353	14	150	02.13-	113960	12 0.9
C4 Picasso 2.0 HDi 150	[AHX (DW10FD)]						AT 09.13- 09.13- 09.13-	114854 113926 114460	12 2.5 12 1.9 12 1.4
C4 Spacetourer 1.2 PureTech 110	[HNX (EB2DTS)]		04.18- 04.18-	116152 116237	14	150 125	A25 04.18- 04.18-	116281 113926	12 1.8 12 1.9
C4 Spacetourer 1.2 PureTech 130	[HNY (EB2DTS)]		04.18- 04.18-	116152 116237	14	150 125	A25 04.18- 04.18-	116281 113933	12 1.8 12 1.5
C4 Spacetourer 1.2 PureTech 130	[HNY (EB2DTS)]		05.19- 05.19-	116152 116237	14	150 125	05.19- 05.19- AT 05.19-	116282 114854	12 1.7 12 2.5
C4 Spacetourer 1.6 BlueHDi 100	[BHY (DV6FD)]		04.18- 04.18-	115364 116242	14	150 180	04.18- 04.18-	113960 114460	12 0.9 12 1.4
C4 Spacetourer 1.6 BlueHDi 120	[BHZ (DV6FC)]		04.18- 04.18-	115364 116242	14	150 180	04.18- 04.18- A25 04.18-	113960 116281 116282	12 0.9 12 1.8 12 1.7
C4 Spacetourer 1.6 BlueHDi BlueHDi 120	[BHZ (DV6FC)]		05.19- 05.19-	115364 116242	14	150 180	05.19- 05.19- A25 05.19-	113960 116281 116282	12 0.9 12 1.8 12 1.7
C5 1.6 HDi	[9HR (DV6C)]		07.10- 07.10-	115364 115475	14	150 180	07.10- 07.10-	114460 114854	12 1.4 12 2.5
	[9HY (DV6TED4)]		09.04-	113640	14	150	09.04-	113926	12 1.9
	[9HZ (DV6TED4)]		09.04-	113640	14	150	09.04-	113926	12 1.9
C5 1.6 HDi 115	[9HR (DV6C)]		01.12-	115364	14	150	01.12-	114460	12 1.4
C5 1.6 THP 150	[5FN (EP6CDT)]		07.10- 07.10-	114811 116311	14	120 120	07.10- 07.10-	114854 116634	12 2.5 12 1.1
C5 1.6 16V X7	[5FV (EP6CDT)]		04.09- 04.09- 04.09-	114811 115604 116311	14	120 150 120	04.09- 04.09- 04.09-	114854 115328 116634	12 2.5 12 2.2 12 1.1
			04.09-	116353	14	150			
C5 1.6 THP	[5FN (EP6CDT)]		04.09- 04.09- 04.09- 04.09-	114771 114811 115604 116311	14	150 120 150 120	04.09- 04.09- 04.09-	115328 114854 116634	12 2.2 12 2.5 12 1.1
			04.09-	116353	14	150			
C5 1.6 VTi	[5FS (EP6C)]		07.10- 07.10- 07.10- 07.10-	114811 115604 116311 116353	14	120 150 120 150	07.10- 07.10-	114854 116634	12 2.5 12 1.1
C5 1.7	[6FZ (EW7J4)]		09.04- 08.05 09.04- 08.05 09.04- 08.05	113575 113603 115438	14	80 80 120	09.04- 08.05 09.04- 08.05 09.04- 08.05	113926 113960 114126	12 1.9 12 0.9 12 2.3
C5 1.8 16V	[6FY (EW7A)]			115371 115541	14	120 150		114126 114460	12 2.3 12 1.4
C5 1.8 16V X4	[6FZ (EW7J4)]		03.01- 03.01- 09.04 03.01- 09.04 03.01- 09.04 06.01-	112480 113503 113575 113603 112469	14	90 120 80 80 90	03.01- 03.01- 09.04 03.01- 09.04 03.01- 09.04 06.01-	111070 114030 113926 113960 113254	12 1.7 12 2.2 12 1.9 12 0.9 12 1.4
C5 1.8 16V X7	[6FZ (EW7J4)]			113575	14	80		113926	12 1.9
C5 2.0 16V Bio-Flex	[RFJ (EW10A)]			115541	14	150		114126 116634	12 2.3 12 1.1
C5 2.0 BlueHDi 150	[AHR (DW10FD)]		04.09- 04.09-	115364 115475	14	150 180	04.09- 04.09-	114460 114854	12 1.4 12 2.5
	[RHE (DW10CTED4)]		04.09- 04.09-	115364 115475	14	150 180	04.09- 04.09-	114460 114854	12 1.4 12 2.5
C5 2.0 HDi	[RHF (DW10BTED4)]		02.08- 02.08- 02.08- 02.08- 11.08-	113640 114859 115364 115475 115369	14	150 180 150 180 150	02.08- 02.08- 02.08- 02.08-	113926 114854 114460	12 1.9 12 2.5 12 1.4
	[RHR (DW10BTED4)]		02.08- 02.08- 02.08- 09.04- 01.08 09.04- 01.08	115364 115369 115475 113640 114859	14	150 150 180 150 180	09.04- 01.08 09.04- 01.08 02.08-	113933 113926 114460 114854	12 1.5 12 1.9 12 1.4 12 2.5
	[RHS (DW10ATED4)]		06.01- 06.01-	112460 112480	14	150 90	06.01-	111070	12 1.7
	[RHY (DW10TD)]		03.01- 09.04 03.01- 09.04 03.01- 09.04 06.02- 08.04 06.02- 08.04	112460 112480 113503 112461 113640	14	150 90 120 150 150	03.01- 09.04 03.01- 09.04 03.01- 09.04 06.02- 08.04	111070 113254 114030 113933	12 1.7 12 1.4 12 2.2 12 1.5



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	[RHZ (DW10ATED)]	03.01-	112460	14	150		06.02- 08.04	113933	12	1.5
		03.01-	112480	14	90	A34	03.01-	111070	12	1.7
		06.02- 08.04	112461	14	150		06.02- 08.04	114030	12	2.2
		06.02- 08.04	113503	14	120					
		06.02- 08.04	113640	14	150					
C5 2.0 HDi 150	[RHE (DW10CTED4)]	04.09-	115364	14	150		04.09-	114460	12	1.4
C5 2.0 HDi 165	[RHH(DW10CTED4)]	04.09-	115364	14	150		04.09-	114460	12	1.4
		04.09-	115475	14	180		04.09-	114854	12	2.5
C5 2.0 HDi Box body	[RHS (DW10ATED)]	06.02- 08.04	112460	14	150		06.02- 08.04	111070	12	1.7
		06.02- 08.04	112461	14	150		06.02- 08.04	114030	12	2.2
		06.02- 08.04	112480	14	90		06.02- 08.04	113960	12	0.9
		06.02- 08.04	113503	14	120		06.02- 08.04	113933	12	1.5
		06.02- 08.04	113640	14	150					
C5 2.0 HDi Break	[RHF (DW10BTED4)]	04.09-	113640	14	150		04.09-	113926	12	1.9
		04.09-	114859	14	180		04.09-	114854	12	2.5
		04.09-	115364	14	150		04.09-	114460	12	1.4
		04.09-	115369	14	150					
		04.09-	115475	14	180					
C5 2.0 HDi FAP	[RHS (DW10ATED4)]	03.01- 08.04	113640	14	150		03.01- 08.04	113926	12	1.9
	[RHZ (DW10ATED4)]	03.01- 08.04	113640	14	150		03.01- 08.04	113933	12	1.5
C5 2.0 HDi X7	[RHH(DW10CTED4)]	04.09-	115364	14	150		04.09-	114460	12	1.4
		04.09-	115475	14	180		04.09-	114854	12	2.5
C5 2.0	[RFJ (EW10A)]	11.04- 01.08	115371	14	120		11.04- 01.08	114460	12	1.4
		11.04- 01.08	115541	14	150		11.04- 01.08	114126	12	2.3
C5 2.0 16V Turbo	[RFN (EW10J4)]		112469	14	90			111070	12	1.7
			113603	14	80			113960	12	0.9
C5 2.0 16V	[RFJ (EW10A)]		115541	14	150			114126	12	2.3
								116634	12	1.1
	[RFN (EW10J4)]		112469	14	90			111070	12	1.7
			113603	14	80			113960	12	0.9
C5 2.0 HPi 16V	[RLZ (EW10D)]		112469	14	90			111070	12	1.7
			113603	14	80			113926	12	1.9
								113960	12	0.9
C5 2.2 HDi	[4HP (DW12BTED4)]	05.06-	114859	14	180		05.06-	114460	12	1.4
	[4HR (DW12BTED4)]	05.06-	114859	14	180		05.06-	114460	12	1.4
	[4HX (DW12TED4/FAP)]		113640	14	150		03.01-	111070	12	1.7
			113755	14	150		06.01-	113254	12	1.4
		03.01-	112460	14	150					
		03.01-	112461	14	150					
		03.01-	112480	14	90					
							10.04-	113933	12	1.5
C5 2.2 HDi 165	[4HP (DW12BTED4)]	02.08-	114859	14	180		02.08-	114460	12	1.4
C5 2.7 HDi	[DT17ED4]	02.08-	114391	14	180		02.08-	115328	12	2.2
C5 3.0 HDi X7	[DT20C]	04.09-	115582	14	230		04.09-	116634	12	1.1
C5 3.0 Carlsson	[XFX (ES9J4S)]							115354	12	1.3
C5 3.0 V6	[XFU (ES9A)]							115354	12	1.3
	[XFV (ES9A)]							115354	12	1.3
	[XFX (ES9J4S)]						06.01- 08.04	115354	12	1.3
C5 Aircross 1.2 PureTech 130	[HNS (EBZADTS)]	11.18-	116152	14	150		11.18-	114854	12	2.5
		11.18-	116541	14	120					
C5 Aircross 1.5 BlueHDi 130	[YHZ (DV5RC)]	11.18-	116541	14	120					
C5 Break 2.0 HDi	[RHZ (DW10ATED)]	06.01- 08.04	113640	14	150					
C6 2.2 HDi	[4HP (DW12BTED4)]	06.06-	114859	14	180		06.06-	115328	12	2.2
							06.06-	114854	12	2.5
	[4HT (DW12BTED4)]						06.06-	114854	12	2.5
C6 2.7 HDi	[DT17TED4]	09.05-	114391	14	180		09.05-	111070	12	1.7
	[UHZ (DT17BTED4)]	09.05-	114391	14	180		09.05-	111070	12	1.7
							09.05-	115328	12	2.2
C6 3.0 HDi	[X8Z (DT20C)]	04.09-	115582	14	230		04.09-	115328	12	2.2
							06.09- 12.10	115354	12	1.3
C6 3.0 V6	[XFV (ES9A)]							115354	12	1.3
	[XFX (ES9J4S)]							115354	12	1.3
C8 2.0 HDi	[RHE(DW10CTED4)]	03.06-	115364	14	150		03.06-	114460	12	1.4
		03.06-	115475	14	180					
	[RHH(DW10CTED4)]	03.06-	115364	14	150		03.06-	114460	12	1.4
		03.06-	115475	14	180					
	[RHK (DW10UTED4)]	07.02-	112460	14	150		07.02-	111070	12	1.7
		07.02-	112461	14	150					
		07.02-	113640	14	150		07.02-	113926	12	1.9
							02.07-	114854	12	2.5
	[RHM (DW10ATED4)]						07.02-	114126	12	2.3
	[RHR (DW10BTED4)]	03.06-	113640	14	150		03.06-	114854	12	2.5
	[RHT (DW10ATED4)]						07.02-	114126	12	2.3
	[RHW (DW10ATED4)]	07.02-	112460	14	150		07.02-	111070	12	1.7
		07.02-	113640	14	150		07.02-	114460	12	1.4
							07.02-	114126	12	2.3
C8 2.0 HDi 110	[RHT (DW10ATED4)]	11.03- 12.09	112461	14	150		11.03- 12.09	111070	12	1.7
		11.03- 12.09	113640	14	150		11.03- 12.09	114460	12	1.4
							11.03- 12.09	114126	12	2.3
C8 2.0	[RFN (EW10J4)]		112469	14	90			113926	12	1.9
			113575	14	80			116634	12	1.1
C8 2.0 16V	[RFJ (EW10A)]		115371	14	120			114460	12	1.4
			115541	14	150			114126	12	2.3
								116634	12	1.1
C8 2.0	[RFJ (EW10A)]	06.04- 12.11	115371	14	120		06.04- 12.11	114460	12	1.4
		06.04- 12.11	115541	14	150		06.04- 12.11	114126	12	2.3
							06.04- 12.11	116634	12	1.1
	[RFN (EW10J4)]	11.03- 11.04	113575	14	80		11.03- 11.04	113926	12	1.9
		11.03- 11.04	113755	14	150		11.03- 11.04	114460	12	1.4
							11.03- 11.04	116634	12	1.1
C8 2.2 HDi	[4HP(DW12BTED4)]	06.07-	113640	14	150		06.07-	114460	12	1.4
	[4HR(DW12BTED4)]	06.07-	113640	14	150		06.07-	114460	12	1.4
	[4HW (DW12TED4)]	07.02-	112460	14	150		07.02-	111070	12	1.7
		07.02-	112461	14	150		07.02-	114854	12	2.5
		07.02-	113640	14	150		11.03- 07.06	114460	12	1.4
							11.03- 07.06	114126	12	2.3
C8 2.2	[3FZ (EW12J4)]	07.02-	112469	14	90		07.02-	111070	12	1.7
		07.02-	113575	14	80		07.02-	113926	12	1.9
							07.02-	116634	12	1.1



C8 2.2	[3FZ (EW12J4)]	11.03- 08.07	113575	14 80	11.03- 08.07	113926	12 1.9
		11.03- 08.07	113755	14 150	11.03- 08.07	114460	12 1.4
C8 3.0 V6	[XFX (E59J4S)]				11.03- 08.07	116634	12 1.1
						115354	12 1.3
C8 3.0	[XFX (E59J4S)]				11.03- 10.07	115354	12 1.3
C8 MPV 2.0 HDi	[RHT (DW10ATED4)]	07.02-	112461	14 150	07.02-	111070	12 1.7
		07.02-	113640	14 150	07.02-	113926	12 1.9
C-Crosser 2.2 HDi	[4HN (DW12MTED4)]				07.02-	114126	12 2.3
		06.07- 12.12	115369	14 150	06.07- 12.12	115448	12 1.4
	[4HN(DW12MTED4)]				06.07- 12.12	114460	12 1.4
		02.07-	115369	14 150	06.07- 12.12	114854	12 2.5
C-Crosser 2.2 HDi Enterprise	[4HN (DW12METED4)]				02.07-	115448	12 1.4
C-Crosser 2.4 16V	[4B12]	01.09-	115760	14 120	02.07-	114460	12 1.4
C-Elysee 1.2 VTi	[HMY (EB2M)]	01.09-	114854		01.09-	114854	12 2.5
		11.12-	115546	14 80 A49	11.12-	114030	12 2.2
C-Elysee 1.2 VTi 82		11.12-	116357	14 80			
		12.14-	116237	12 125	12.14-	114030	12 2.2
C-Elysee 1.2 Puretech 82	[HMR (EB2FA)]	12.14-	116152	14 150			
		02.18-	116541	14 120	02.18-	116092	12 1.0
C-Elysee 1.5 BlueHdi 100	[YHY (DV5RD)]	05.18-	116541	14 120	05.18-	116092	12 1.0
C-Elysee 1.6 BlueHdi 100	[BHY (DV6FD)]	11.14-	115364	14 150	11.14-	113254	12 1.4
C-Elysee 1.6 HDi	[9HJ (DV6DTEDM)]	11.12-	115364	14 150	11.12-	113254	12 1.4
		11.12-	115364	14 150	11.12-	113254	12 1.4
C-Elysee 1.6 VTi	[NFF (EC5)]	11.12-	113405	14 70	11.12-	110584	12 1.2
		11.12-	115438	14 120	11.12-	113254	12 1.4
CX 2.0	[829A5]				08.84- 08.86	111063	12 1.2
CX 2.2 2200	[J6TA500]				07.85- 12.92	111063	12 1.2
CX 2.2 TRS	[J6TA500]				07.85- 12.92	111063	12 1.2
CX 2.5 TD 2500	[M25-648]	08.85- 12.86	111071	14 75	08.85- 12.86	111115	12 2.2
CX 20 RE 2.0	[829A5]				08.85- 12.92	111063	12 1.2
CX 2000 2.0	[M20-616]	07.74- 07.79	111071	14 75			
CX 22 2.2 TRS	[J6TA500]				07.85- 12.92	111063	12 1.2
CX 22 TRS 2.2	[J6TA500]				07.85- 12.92	111063	12 1.2
CX 2200 2.2 Diesel	[M22-621]	10.75- 02.79	111071	14 75			
CX 2200 2.2	[M22-617]	09.74- 07.76	111071	14 75			
CX 2400 2.4	[M23-639]	05.80- 05.82	111071	14 75			
CX 2400 2.4 GTi	[M23-622]	06.77- 06.82	111071	14 75			
CX 25 2.5 Diesel	[M25-660]	03.83- 12.92	111071	14 75	03.83- 12.92	111115	12 2.2
CX 25 2.5 TD	[M25-648]	04.83- 12.86	111071	14 75	04.83- 12.86	111115	12 2.2
		01.87- 12.92	111071	14 75			
CX 25 2.5	[M25-668]	05.86- 12.92	111071	14 75			
		05.86- 12.92	112299	14 95			
CX 25 2.5 TRI	[M25-659]	07.83- 12.92	111071	14 75	07.83- 12.92	111115	12 2.2
CX 25 2.5 GTi Turbo	[M25-662]	08.85- 12.92	111071	14 75	08.85- 12.92	111115	12 2.2
		08.85- 12.92	112299	14 95			
	[M25-667]	09.86- 12.92	111071	14 75	09.86- 12.92	111115	12 2.2
		09.86- 12.92	112299	14 95			
CX 25 2.5 GTi	[M25-668]	07.83- 12.92	111071	14 75	07.83- 12.92	111115	12 2.2
CX 2500 2.5 Diesel	[M25-629]	02.78- 06.82	111071	14 75	02.78- 06.82	111115	12 2.2
Dispatch 1.5 BlueHdi 100	[YHR (DV5RUCd)]	06.18-	116152	14 150	06.18-	114460	12 1.4
		06.18-	116541	14 120			
		06.18-	115364	14 150	06.18-	114030	12 2.2
		06.18-	116242	12 180			
Dispatch 1.5 BlueHdi 120	[YHV (DV5RUC)]	06.18-	116152	14 150	06.18-	114460	12 1.4
		06.18-	116541	14 120			
Dispatch 1.6 BlueHdi BlueHdi 90	[9HF (DV6DU)]	09.18-	115364	14 150	09.18-	116282	12 1.7
		09.18-	115475	14 180	09.18-	114030	12 2.2
Dispatch 1.6 HDi 90	[9HH (DV6DUM)]	06.07- 03.16	115364	14 150	06.07- 03.16	114030	12 2.2
		06.07- 03.16	113640	14 150	06.07- 03.16	113254	12 1.4
	[9HU (DV6UTED4)]	06.07- 03.16	113946	14 90			
		04.16-	115364	14 150	04.16-	114030	12 2.2
Dispatch 1.6 HDi BlueHdi 115	[BHX (DV6FCU)]	04.16-	116242	12 180	04.16-	113926	12 1.9
Dispatch 1.6 HDi BlueHdi 95	[BHS (DV6FDU)]	04.16-	115364	14 150	04.16-	114030	12 2.2
		04.16-	116242	12 180	04.16-	113926	12 1.9
	[BHY (DV6FDU)]	04.16-	115364	14 150	04.16-	114030	12 2.2
		04.16-	116242	12 180	AT 04.16-	114854	12 2.5
Dispatch 1.6 HDi Hdi 90 1.6 HDi 90	[9HF (DV6DU)]	07.18-	115364	14 150	07.18-	114030	12 2.2
		07.18-	115475	14 180			
Dispatch 1.9 TD	[D8B (XUD9TE)]	10.95- 08.00	112230	14 80	10.95- 08.00	111070	12 1.7
		10.95- 08.00	112688	14 95	10.95- 08.00	113254	12 1.4
		10.95- 08.00	112703	14 120			
		PS 10.95- 08.00	111893	14 70			
	[WJY (DW8B)]	PS 10.95- 08.00	113485	14 80			
		11.00- 10.06	112480	14 90	11.00- 10.06	111070	12 1.7
		11.00- 10.06	113405	14 70	11.00- 10.06	113254	12 1.4
		11.00- 10.06	113503	14 120			
		11.00- 10.06	113575	14 80			
		11.00- 10.06	113640	14 150			
Dispatch 2.0 HDi 4x4	[AHZ (DW10CD)]	11.00- 10.06	113946	14 90			
		07.11-	115364	14 150	07.11-	114030	12 2.2
Dispatch Van 2.0 BlueHdi BlueHdi 145	[EHS (DW10FDDU370), EHT (DW10FDDU340)]	07.11-	115475	14 180	07.11-	113254	12 1.4
					AT 08.21-	114854	12 2.5
DS3 1.2 VTi 110	[HNZ (EB2DT)]				Manual gearbox 08.21-	114460	12 1.4
		10.14-	116237	12 125	10.14-	116282	12 1.7
DS3 1.2 VTi 82	[HMZ (EB2F)]	01.13-	115546	14 80 A49	A25 01.13-	116281	12 1.8
		01.13-	116237	12 125			
		01.13-	116357	14 80			
		08.12-	114752	14 80	08.12-	113254	12 1.4
DS3 1.4 VTi 95 LPG	[8FN (EP3)]	08.12-	114811	14 120 A49	08.12-	113960	12 0.9
		08.12-	116311	14 120			
DS3 1.4 HDi 70	[8HR (DV4C)]	04.10-	115364	14 150	04.10-	113933	12 1.5
DS3 1.4 VTi 98	[8FR (EP3)]	11.09-	114752	14 80	11.09-	114030	12 2.2
		11.09-	114811	14 120 A49	11.09-	113960	12 0.9
		11.09-	116311	14 120			
DS3 1.6 BlueHdi 100	[BHY (DV6FD)]	07.14- 07.15	115364	14 150	07.14- 07.15	116092	12 1.0
DS3 1.6 HDi	[9HP (DV6DTED)]	11.09-	115364	14 150	11.09-	113933	12 1.5
		11.09-	115364	14 150	11.09-	113933	12 1.5



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DS3 1.6 HDi 115	[9HL (DV6C)]	08.12-	115364	14 150	08.12-	114854	12 2.5
DS3 1.6 HDi 90	[9HP (DV6DTE)]	01.13-	115364	14 150	01.13-	116092	12 1.0
DS3 1.6	[5FN (EP6CDT)]	01.10-	114752	14 80	01.10-	113960	12 0.9
		01.10-	114771	14 150			
		01.10-	114811	14 120 A49			
		01.10-	116311	14 120			
	[5FX (EP6DT)]	01.10-	114752	14 80	01.10-	113254	12 1.4
		01.10-	114771	14 150	01.10-	113960	12 0.9
		01.10-	114811	14 120 A49			
		01.10-	116311	14 120			
	[5FR (EP6DT)]	04.10-	114771	14 150	04.10-	113960	12 0.9
		04.10-	114811	14 120 A49			
		04.10-	116311	14 120			
DS3 1.6 16V	[5FV (EP6CDT)]	04.10-	114771	14 150	04.10-	113960	12 0.9
		04.10-	114811	14 120 A49	04.10-	113933	12 1.5
		04.10-	116311	14 120			
	[5FN (EP6CDT)]	01.13-	114752	14 80	01.13-	113960	12 0.9
		01.13-	114811	14 120 A49	01.13-	113933	12 1.5
		01.13-	116311	14 120			
DS3 1.6 THP	[5FN (EP6DT)]	01.13-	114752	14 80	01.13-	114030	12 2.2
		01.13-	114811	14 120 A49	01.13-	113960	12 0.9
		01.13-	116311	14 120			
	[5FR (EP6DT)]	01.13-	114752	14 80	01.13-	114030	12 2.2
		01.13-	114811	14 120 A49	01.13-	113960	12 0.9
		01.13-	116311	14 120			
	[5FV (EP6CDT)]	01.13-	114752	14 80	01.13-	113960	12 0.9
		01.13-	114811	14 120 A49			
		01.13-	116311	14 120			
	[5GZ (EP6FDT)]	10.14-	114752	14 80	10.14-	113960	12 0.9
DS3 1.6 THP 165	[5GZ (EP6FDT)]	10.14-	114752	14 80	10.14-	113960	12 0.9
DS3 1.6 VTi 120	[5FS (EP6C)]	01.13-	114752	14 80	01.13-	114030	12 2.2
		01.13-	114811	14 120 A49	01.13-	113960	12 0.9
		01.13-	116311	14 120			
DS4 1.2	[HNY (EB2DTS)]	07.14-	116237	12 125	07.14-	113933	12 1.5
					07.14-	116281	12 1.8
DS4 1.6 HDi 110	[9HR (DV6C)]	04.11-	115364	14 150	04.11-	114030	12 2.2
DS4 1.6 HDi 115	[9HL (DV6C)]	08.12-	115364	14 150	08.12-	113960	12 0.9
DS4 1.6 HDi 90	[9HP (DV6DTE)]	05.11-	115364	14 150	05.11-	113960	12 0.9
		05.11-	115475	14 180	05.11-	114030	12 2.2
DS4 1.6 120	[5FS (EP6C)]	04.11-	114811	14 120 A49	04.11-	113254	12 1.4
		04.11-	115604	14 150 A49	04.11-	113926	12 1.9
		04.11-	116311	14 120	04.11-	113933	12 1.5
		04.11-	116353	14 150	04.11-	114854	12 2.5
DS4 1.6 THP 155	[5FV (EP6CDT)]	04.11-	114811	14 120 A49	04.11-	114030	12 2.2
		04.11-	115604	14 150 A49	04.11-	113926	12 1.9
		04.11-	116311	14 120	04.11-	113933	12 1.5
		04.11-	116353	14 150	04.11-	114854	12 2.5
DS4 1.6 THP 200	[5FU (EP6DTX)]	04.11-	114811	14 120 A49	04.11-	113254	12 1.4
		04.11-	115604	14 150 A49	04.11-	113926	12 1.9
		04.11-	116311	14 120	04.11-	113933	12 1.5
		04.11-	116353	14 150	04.11-	114854	12 2.5
DS4 1.6 THP 160	[5FM (EP6DT)]	04.12-	114811	14 120 A49	04.12-	114030	12 2.2
		04.12-	115604	14 150 A49	04.12-	113926	12 1.9
		04.12-	116311	14 120	04.12-	113933	12 1.5
		04.12-	116353	14 150	04.12-	114854	12 2.5
DS4 2.0 BlueHDi 150	[AHX (DW10FD)]				07.14-	114460	12 1.4
DS4 2.0 BlueHDi 180	[AHW (DW10FC)]				07.14-	114460	12 1.4
DS4 2.0 HDi 135	[AHS (DW10FD)]	09.11-	115364	14 150	09.11-	113960	12 0.9
					09.11-	114460	12 1.4
	[AHV (DW10FD)]	09.11-	115364	14 150	09.11-	113926	12 1.9
					09.11-	114460	12 1.4
	[RHD (DW10CB)]	09.11-	115364	14 150	09.11-	113926	12 1.9
					09.11-	114460	12 1.4
	[RHD (DW10CTED4)]	09.11-	115364	14 150	09.11-	114854	12 2.5
					09.11-	113926	12 1.9
DS4 2.0 HDi 160	[RHH (DW10CTED4)]	04.11-	114811	14 120 A49	04.11-	111070	12 1.7
		04.11-	115364	14 150	04.11-	113960	12 0.9
		04.11-	116311	14 120	04.11-	113933	12 1.5
					04.11-	114460	12 1.4
DS5 1.6 THP 165 Hybrid	[5GZ (EP6FDT)]				06.12-	116281	12 1.8
DS5 1.6 THP 155	[5FV (EP6CDT)]	11.11-	114811	14 120 A49	11.11-	114030	12 2.2
		11.11-	115604	14 150 A49	11.11-	113926	12 1.9
		11.11-	116311	14 120	11.11-	113933	12 1.5
		11.11-	116353	14 150			
DS5 1.6 THP 200	[5FU (EP6DTX)]	11.11-	115604	14 150 A49	11.11-	113926	12 1.9
		11.11-	116353	14 150	11.11-	113933	12 1.5
DS5 2.0 BlueHDi 150	[AHX (DW10FD)]				07.14-	114460	12 1.4
					07.14-	114854	12 2.5
DS5 2.0 HDi	[RHH (DW10CTED4)]	11.11-	115364	14 150	11.11-	113960	12 0.9
					11.11-	114460	12 1.4
					11.11-	114854	12 2.5
DS5 2.0 HDi 135	[RHD (DW10CB)]	11.11-	115364	14 150	11.11-	113960	12 0.9
		11.11-	115475	14 180	11.11-	114030	12 2.2
					11.11-	114460	12 1.4
					11.11-	114854	12 2.5
DS5 2.0 HDi 180	[AHW (DW10FC)]				08.13-	114854	12 2.5
Dyane 4 0.4	[A79/1]	03.68- 10.87	110743	14 30	03.68- 10.87	111100	12 0.7
Dyane 6 0.6	[M28]				12.68- 12.72	111100	12 0.7
		10.73- 10.87	110743	14 30	10.73- 10.87	111100	12 0.7
Evasion 1.8	[LFZ (XU7JP)]	05.97-	112298	14 80	05.97-	111070	12 1.7
		05.97-	112299	14 95			
		AC 09.96- 07.02	112772	14 120			
Evasion 1.9 Diesel	[D8B (XUD9TE)]	11.94- 07.02	112688	14 95	11.94- 07.02	114460	12 1.4
		11.94- 07.02	112703	14 120			
		11.94- 07.02	113485	14 80	10.95- 12.98	116634	12 1.1
Evasion 1.9 TD	[D8B (XUD9TF)]	10.95- 12.98	112688	14 95	10.95- 12.98	114460	12 1.4
		10.95- 12.98	112703	14 120			
		10.95- 12.98	113485	14 80			



	[DHX (XUD9TF/BTF)]	11.94- 07.02	112688	14 95		11.94- 07.02	114460	12 1.4	
		11.94- 07.02	112703	14 120					
		11.94- 07.02	113485	14 80					
Evasion 2.0 HDi	[RHW (DW10ATED4)]	09.99- 10.02	112461	14 150		09.99- 10.02	111070	12 1.7	
		09.99- 10.02	112480	14 90		09.99- 10.02	114460	12 1.4	
		09.99- 10.02	113503	14 120					
	[RHZ (DW10ATED)]	08.99-	112480	14 90		08.99-	111070	12 1.7	
		08.99-	113503	14 120		08.99-	111130	12 1.1	
		08.99-	112461	14 150		09.99- 10.02	114460	12 1.4	
	AC 08.99-	112460	14 150						
Evasion 2.0 16V	[RFN (EW10J4)]	05.00- 07.02	112460	14 150		05.00- 07.02	111130	12 1.1	
		05.00- 07.02	112480	14 90		05.00- 07.02	111070	12 1.7	
		05.00- 07.02	113603	14 80					
	[RFV (XU10J4R)]	05.98-	111318	14 80		05.98-	111130	12 1.1	
		05.98- 04.00	113604	14 95					
Evasion 2.0 i	[RFU (XU10J2/C)]	06.94-	112298	14 80		06.94-	111070	12 1.7	
		06.94-	112299	14 95					
		06.94-	112772	14 120					
Evasion 2.0 Turbo	[RGX (XU10J2TE)]	06.94- 07.02	112299	14 95		06.94- 07.02	111070	12 1.7	
		06.94- 07.02	113604	14 95		04.97- 07.02	111130	12 1.1	
		04.97- 07.02	111318	14 80					
Evasion 2.0	[RFV (XU10J4R)]	05.98- 04.00	111318	14 80		05.98- 04.00	111130	12 1.1	
Evasion 2.1 Diesel	[P8C (XUD11BTE)]	11.96- 08.00	112688	14 95		11.96- 08.00	114460	12 1.4	
		11.96- 08.00	112703	14 120					
		11.96- 08.00	113485	14 80					
Evasion 2.1 TD	[P8C (XUD11BTE)]	05.96-	112688	14 95		05.96-	114460	12 1.4	
		05.96- 07.02	112703	14 120					
		05.96-	113485	14 80					
Evasion MPV 2.0 HDi		08.99- 07.02	113503	14 120					
		08.99- 07.02	112461	14 150		08.99- 07.02	111070	12 1.7	
		08.99- 07.02	112480	14 90		08.99- 07.02	114460	12 1.4	
Grand C4 Spacetourer 1.2 PureTech 130	[HNY (EB2DTS)]	04.18-	116152	14 150		04.18-	113960	12 0.9	
		04.18-	116237	12 125		A25 04.18-	116281	12 1.8	
		04.18-	116541	14 120		AT 04.18-	114854	12 2.5	
Grand C4 Spacetourer 1.2 PureTech 130	[HNY (EB2DTS)]	05.19-	116152	14 150		AT 05.19-	114854	12 2.5	
		05.19-	116237	12 125					
						A25 05.19-	113926	12 1.9	
Grand C4 Spacetourer 1.6 BlueHdi 100	[BHY (DV6FD)]	04.18-	115364	14 150		04.18-	113254	12 1.4	
		04.18-	116242	12 180		04.18-	113926	12 1.9	
						04.18-	116282	12 1.7	
Grand C4 Spacetourer 1.6 BlueHdi 120	[BHZ (DV6FC)]	04.18-	115364	14 150		04.18-	114030	12 2.2	
		04.18-	116242	12 180		04.18-	113933	12 1.5	
						04.18-	116282	12 1.7	
Grand C4 Spacetourer 1.6 HDi	[9HC (DV6C)]	04.18-	115364	14 150		04.18-	113960	12 0.9	
		04.18-	115475	14 180		04.18-	111070	12 1.7	
Grand C4 Spacetourer 1.6 THP 165	[5GZ (EP6FDT)]				A25 04.18-	116281	12 1.8		
Grand C4 Spacetourer 1.6 16V 165	[5GX (EP6FDTMD)]				A25 04.18-	116281	12 1.8		
Grand C4 Spacetourer 2.0 BlueHdi 150	[AHR (DW10FD)]				04.18-	114460	12 1.4		
	[AHX (DW10FD)]				04.18-	114460	12 1.4		
Grand C4 Spacetourer 2.0 BlueHdi BlueHdi 160	[EHY (DW10FCC)]				05.19-	114460	12 1.4		
Jumper 1.9 Diesel	[D9B (XUD9A/U)]	02.94-	112230	14 80		02.94-	111130	12 1.1	
						01.99-	111070	12 1.7	
						01.99- 04.02	111070	12 1.7	
Jumper 1.9 TD	[D8C (XUD9UTF)]	02.94-	112230	14 80		02.94-	111130	12 1.1	
						03.94-	111070	12 1.7	
						03.94- 04.02	111070	12 1.7	
Jumper 1.9 TD 4x4	[DHX (XUD9TF/BTF)]	03.94- 04.02	112230	14 80		03.94- 04.02	111070	12 1.7	
		08.96-	112230	14 80		08.96-	111130	12 1.1	
Jumper 2.0 HDi	[RHV (DW10TD)]	04.02-	112460	14 150		04.02-	111070	12 1.7	
		04.02-	112461	14 150		04.02-	112436	12 2.3	
		04.02-	112480	14 90		04.02-	113451	12 2.2	
		04.02-	113640	14 150		04.02-	115510	12 2.0	A49
		04.02-	113946	14 90					
	[RHV (DW10UTD)]	11.01- 04.02	112461	14 150		11.01- 04.02	111070	12 1.7	
11.01- 04.02		112480	14 90		11.01- 04.02	113451	12 2.2		
04.02-		112460	14 150						
04.02-		113640	14 150		04.02-	112053	12 2.2		
04.02-		113946	14 90		04.02-	115501	12 2.5	A49	
Jumper 2.0	[RFW (XU10J2U)]	02.94-	112298	14 80		02.94-	112436	12 2.3	
		02.94-	112299	14 95		02.94-	114054	12 2.5	
		02.94-	112772	14 120		03.94-	112053	12 2.2	
						03.94-	113959	12 2.0	
	[XU10J2]	04.02-	112298	14 80	Chas. -17600143	04.02-	112436	12 2.3	
Jumper 2.0 4x4	[RFW (XU10J2U)]	08.96-	112298	14 80		08.96-	112436	12 2.3	
		08.96-	112299	14 95		08.96-	112026	12 2.6	
		08.96-	112772	14 120		08.96-	114054	12 2.5	
Jumper 2.0 bivalent	[XU10J2]	02.03-	112298	14 80		02.03-	112436	12 2.3	
		02.03-	112772	14 120		02.03-	113959	12 2.0	
Jumper 2.2 HDi 16V	[4HY (DW12UTED)]	04.02-	112460	14 150		04.02-	111070	12 1.7	
		04.02-	112480	14 90		04.02-	113451	12 2.2	
		04.02-	113946	14 90		04.02-	115510	12 2.0	A49
		AC 04.02-	113640	14 150					
Jumper 2.2 HDi	[4HU (P22DTE)]	04.06-	113958	14 150		04.06-	114126	12 2.3	
		04.06-	115499	14 150 A49		04.06-	114460	12 1.4	
	[4HV (P22DTE)]	04.06-	113958	14 150		04.06-	114460	12 1.4	
		04.06-	115499	14 150 A49					
	[4HY (DW12UTED)]	02.02- 06.06	113640	14 150		02.02- 06.06	115510	12 2.0	A49
		04.02-	112460	14 150		04.02-	111070	12 1.7	
		04.02-	112461	14 150		04.02-	113451	12 2.2	
		04.02-	112480	14 90					
		04.02-	113946	14 90					
	[4HY (DW12UTED4)]	04.02-	112460	14 150		04.02-	111070	12 1.7	
04.02-		112480	14 90		04.02-	113451	12 2.2		
04.02-		113640	14 150		04.02-	115501	12 2.5	A49	
04.02-		113946	14 90		04.02-	115510	12 2.0	A49	



CITROEN Continued

Jumper 2.2 HDi 110	[4HG (P22DTE)]	07.11-	115461	14 150			
		07.11-	116061	14 150 A49			
Jumper 2.2 HDi 130	[4HH (P22DTE)]	07.11-	115461	14 150			
		07.11-	115739	14 180			
		07.11-	116061	14 150 A49			
Jumper 2.2 HDi 150	[4HJ (P22DTE)]	07.11-	115461	14 150			
		07.11-	115739	14 180			
		07.11-	116061	14 150 A49			
Jumper 2.5 Diesel	[T9A (DJ5)]	02.94- 04.02	112772	14 120	02.94- 04.02	114054	12 2.5
		03.94-	112299	14 95	03.94-	112026	12 2.6
					03.94-	112053	12 2.2
					08.94-	112436	12 2.3
Jumper 2.5 Diesel 4x4	[T9A (DJ5)]	03.00- 04.02	112299	14 95	03.00- 04.02	112053	12 2.2
		03.00- 04.02	112772	14 120	03.00- 04.02	113959	12 2.0
Jumper 2.5 TD	[T8A (DJ5T)]	02.94- 04.02	112772	14 120	02.94- 04.02	114054	12 2.5
		03.94-	112299	14 95	03.94-	112053	12 2.2
					08.94-	112436	12 2.3
Jumper 2.5 TD 4x4	[T8A (DJ5T)]	02.94- 04.02	112299	14 95	02.94- 04.02	112026	12 2.6
		02.94- 04.02	112772	14 120	02.94- 04.02	114054	12 2.5
Jumper 2.5 TDi	[THX (DJ5TED)]	12.96-	112299	14 95	12.96-	112026	12 2.6
		12.96- 02.02	112772	14 120	12.96-	112053	12 2.2
					12.96- 02.02	114054	12 2.5
Jumper 2.5 TDi 4x4	[THX (DJ5TED)]	03.00- 04.02	112299	14 95	03.00- 04.02	112053	12 2.2
		03.00- 04.02	112772	14 120	03.00- 04.02	113959	12 2.0
Jumper 2.8 Diesel	[8140.63]	01.99-	111498	14 110	01.99-	111130	12 1.1
		01.99-	112681	14 80	01.99-	114054	12 2.5
Jumper 2.8 HDi	[8140.43N]	01.99- 02.02	111498	14 110	01.99- 02.02	111130	12 1.1
		01.99- 02.02	112681	14 80	01.99- 02.02	114054	12 2.5
Jumper 2.8 HDi	[8140.43S]	05.04-	113247	14 120	05.04-	113935	12 2.5
		05.04-	114680	14 150	05.04-	113959	12 2.0
Jumper 2.8 HDi	[8140.43S]	09.00-	113247	14 120	09.00-	113935	12 2.5
		09.00- 04.02	113950	14 90	09.00-	113959	12 2.0
		09.00- 04.02	114680	14 150	09.00- 04.02	114460	12 1.4
Jumper 2.8 HDi 4x4	[8140.43S]				09.00- 04.02	115510	12 2.0 A49
					A25 09.00- 04.02	115986	12 2.5
Jumper 2.8 HDi 4x4	[8140.43S]	09.00-	113247	14 120	09.00-	113935	12 2.5
		09.00- 04.02	113950	14 90	09.00-	113959	12 2.0
		09.00- 04.02	114680	14 150	09.00- 04.02	114460	12 1.4
Jumper 2.8 HDi 4x4	[8140.43S]				A25 09.00- 04.02	115986	12 2.5
					04.02-	115501	12 2.5 A49
Jumper 2.8 HDi 4x4	[F28TDCR]	02.02- 06.06	113247	14 120	02.02- 06.06	113935	12 2.5
		02.02- 06.06	113950	14 90	02.02- 06.06	114460	12 1.4
		02.02- 06.06	114680	14 150			
Jumper 2.8 TD	[8140.43]	10.99-	111498	14 110	10.99-	111130	12 1.1
		10.99-	112681	14 80	10.99-	114054	12 2.5
Jumper 3.0 HDi	[F1CE0481D (F30DT)]	09.06-	114082	14 180 A49	09.06-	114126	12 2.3
		09.06-	114705	14 140			
		09.06-	115452	14 150			
Jumper 3.0 HDi	[F1CE0481D (FG30DT)]	09.06-	116043	14 180			
		09.06-	114082	14 180 A49	09.06-	114126	12 2.3
		09.06-	114705	14 140			
Jumper 3.0 HDi	[F1CE0481D (FG30DT)]	09.06-	115452	14 150			
		09.06-	116043	14 180			
		07.10-	115490	14 140 A49			
Jumper 3.0 HDi 145	[F1CE348IN]	07.10-	114705	14 140			
		07.10-	115490	14 140 A49			
		07.10-	116043	14 180			
Jumper 3.0 HDi 155	[F1CE0481D (F30DT)]	07.10-	114705	14 140			
		07.10-	115452	14 150			
		07.10-	115490	14 140 A49			
Jumper 3.0 HDi 180	[F1CE3481E]	07.10-	116043	14 180			
		07.11-	114082	14 180 A49	A25 07.11-	115986	12 2.5
		07.11-	114705	14 140			
Jumper 3.0 HDi 180	[F1CE3481E]	07.11-	115490	14 140 A49			
		07.11-	116043	14 180			
Jumper/Relay 2.2 HDi 120	[4HU (P22DTE)]	04.06-	113958	14 150	04.06-	113959	12 2.0
		04.06-	115499	14 150 A49	04.06-	115510	12 2.0 A49
Jumpy 1.6 HDi	[9HU (DV6UTED4)]	01.07-	113640	14 150	01.07-	114460	12 1.4
Jumpy 1.6 HDi 90	[9HH (DV6DUM), 9HM (DV6UC)]	01.07-	115364	14 150			
Jumpy 1.6 HDi BlueHDi 95	[BHS (DV6FDU)]	09.16-	115364	14 150			
		09.16-	116242	12 180			
Jumpy 1.6	[1580SPI]	09.16-	115364	14 150			
		09.16-	116242	12 180			
Jumpy 1.6	[1580SPI]	10.95-	111411	14 75	10.95-	111070	12 1.7
		10.95-	111416	14 65			
		10.95-	111568	14 85			
Jumpy 1.6	[220A2.000]	10.95-	111411	14 75	10.95-	111070	12 1.7
		10.95-	111416	14 65			
		10.95-	111568	14 85			
Jumpy 1.6 i	[1580SPI]	10.95-	111568	14 85	10.95-	111070	12 1.7
		10.95-	111416	14 65	10.95-	111070	12 1.7
		10.95-	111568	14 85			
Jumpy 1.9 Diesel	[D9B (XUD9A/U)]	10.95-	112230	14 80	10.95-	111070	12 1.7
		10.95-	112292	14 70	10.95-	112124	12 0.9
		10.95-	111893	14 70	10.95-	113926	12 1.9
Jumpy 1.9 Diesel	[D9B (XUD9A/U)]	10.95-	112688	14 95	10.95-	114854	12 2.5
		10.95-	112703	14 120	10.95-	114460	12 1.4
		10.95-	113485	14 80			
Jumpy 1.9 Diesel	[WJY (DW8B)]	04.98- 02.01	112058	14 70	04.98- 02.01	111070	12 1.7
		04.98- 02.01	112480	14 90	04.98- 02.01	113926	12 1.9
		04.98- 02.01	113503	14 120	04.98- 02.01	114460	12 1.4
Jumpy 1.9 Diesel	[WJZ (DW8)]	10.98- 08.01	113603	14 80			
		04.98- 02.01	112058	14 70	04.98- 02.01	111070	12 1.7
		04.98- 02.01	112480	14 90	04.98- 02.01	113926	12 1.9
Jumpy 1.9 Diesel	[WJZ (DW8)]	04.98- 02.01	113503	14 120	04.98- 02.01	114460	12 1.4
		10.98- 08.01	113603	14 80			



Jumpy 1.9 TD	[D8B (XUD9TF)]	04.96-	112230	14 80	04.96-	111070	12 1.7
		04.96-	112292	14 70	04.96-	112124	12 0.9
		10.99- 02.01	112058	14 70	04.96-	114854	12 2.5
		10.99- 02.01	112480	14 90	10.99- 02.01	113926	12 1.9
		10.99- 02.01	113503	14 120	10.99- 02.01	114460	12 1.4
		PS 10.95-	111893	14 70			
		AC 04.96-	112688	14 95			
		AC 04.96-	112703	14 120			
		AC 04.96-	113485	14 80			
	[DHX (XUD9TF/BTF)]	10.95-	111893	14 70	10.95-	111070	12 1.7
		10.95-	112230	14 80	10.95-	112124	12 0.9
		10.95- 02.01	112292	14 70	10.95- 02.01	113254	12 1.4
		10.95-	112688	14 95	10.95-	114854	12 2.5
		10.95-	112703	14 120	10.95-	114460	12 1.4
		ACPS 10.95-	113485	14 80	10.95-	113926	12 1.9
Jumpy 2.0 HDi	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	114460	12 1.4
		01.09- 03.16	114859	14 180			
	[RHR (DW10BTED4)]	01.07-	113640	14 150	01.07-	114460	12 1.4
	[RHW (DW10ATED4)]	03.00-	112460	14 150	03.00-	114030	12 2.2
		03.00-	112461	14 150	03.00-	113926	12 1.9
		03.00-	112480	14 90	03.00-	114460	12 1.4
		03.00-	113640	14 150			
	[RHX (DW10BTED)]	10.99-	112460	14 150	10.99-	113254	12 1.4
		10.99-	112461	14 150	10.99-	114030	12 2.2
		10.99-	112480	14 90	10.99-	113926	12 1.9
		10.99-	113640	14 150	10.99-	114460	12 1.4
	[RHZ (DW10ATED)]	03.00-	112461	14 150	03.00-	114030	12 2.2
		03.00-	112480	14 90	03.00-	113926	12 1.9
		03.00-	113640	14 150	03.00-	114460	12 1.4
		AC 03.00-	112460	14 150	03.00-	113254	12 1.4
					10.99-	114054	12 2.5
		07.10- 03.16	115475	14 180	07.10- 03.16	116634	12 1.1
		07.10- 03.16	115364	14 150			
Jumpy 2.0 HDi 100	[AHY (DW10CE)]	07.11- 03.16	115364	14 150	07.11- 03.16	116634	12 1.1
		07.11- 03.16	115475	14 180			
Jumpy 2.0 HDi 125	[AHZ (DW10CD)]	07.11-	115364	14 150	07.11-	116634	12 1.1
		07.11-	115475	14 180			
Jumpy 2.0 HDi 165	[RHH (DW10CTED4)]	07.10-	114705	14 140	07.10-	114460	12 1.4
		07.10-	115364	14 150	07.10-	116634	12 1.1
		07.10-	115475	14 180			
		07.10-	115490	14 140 A49			
Jumpy 2.0 HDi 95	[AHY]	07.11-	115364	14 150	07.11-	116634	12 1.1
		07.11-	115475	14 180			
		07.11-	115364	14 150			
	[AHY (DW10CE)]	07.11-	115364	14 150			
Jumpy 2.0	[RFN (EW10J4)]	04.00- 12.06	112461	14 150	04.00- 12.06	114030	12 2.2
		04.00- 10.06	112480	14 90	04.00- 10.06	113926	12 1.9
		04.00-	113503	14 120	04.00-	114460	12 1.4
		AC 04.00-	112460	14 150	04.00-	113254	12 1.4
Jumpy 2.0 i 16V	[RFN (EW10J4)]	03.00-	112480	14 90	03.00-	113926	12 1.9
		03.00-	113503	14 120	03.00-	114030	12 2.2
		03.00-	112461	14 150	03.00-	114460	12 1.4
		AC 03.00-	112460	14 150	03.00-	113254	12 1.4
					03.00-	114054	12 2.5
Jumpy 2.0 i	[RFH (EW10A)]		115541	14 150			
Jumpy 2.0		11.06- 03.16	115371	14 120			
		11.06- 03.16	115541	14 150			
LNA 0.6	[R06627]	11.76- 07.79	110743	14 30			
	[V06630]	11.78- 07.82	110743	14 30			
	[V06644]	11.78- 07.82	110743	14 30			
LNA 1.0	[108C]	07.84- 10.86	111075	14 55			
LNA 1.1	[109/5E]	07.82- 04.85	111075	14 55			
Mehari 0.6	[A06/635]				10.79- 10.87	111100	12 0.7
	[M28/1]	09.68- 10.87	110743	14 30	09.68- 10.87	111100	12 0.7
	[M28/1 (AK2)]				10.79- 10.87	111100	12 0.7
Mehari 0.6 4x4	[A06/635]				10.79- 10.87	111100	12 0.7
Nemo 1.3 HDi 75	[FHZ (F13DTE5)]	10.10-	115384	14 120	10.10-	115400	12 1.4
Nemo 1.4 HDi	[8HS (DV4TD)]	02.08-	114848	14 90	02.08-	113933	12 1.5
	[8HS (DV4TED)]	04.09-	114848	14 90	04.09-	113933	12 1.5
Nemo 1.4	[KFT (TU3A)]	04.09-	113405	14 70	04.09-	110584	12 1.2
		04.09-	113575	14 80	04.09-	113254	12 1.4
	[KVF (TU3A)]	04.09-	113405	14 70	04.09-	110584	12 1.2
		04.09-	113575	14 80	04.09-	113254	12 1.4
Relay 2.2 BlueHDi BlueHDi 120	[4HK (DW12RUE)]				08.19-	113926	12 1.9
Relay 2.2 BlueHDi BlueHDi 165	[4HH (DW12RUC)]				08.19-	113926	12 1.9
Relay 2.8 Diesel	[8140.63 (F28D)]	01.99- 02.02	111498	14 110	01.99- 02.02	113451	12 2.2
		01.99- 02.02	113755	14 150	01.99- 02.02	113926	12 1.9
Relay Bus 2.2 BlueHDi BlueHDi 120	[4HK (DW12RUE)]				08.19-	113926	12 1.9
Relay Bus 2.2 BlueHDi BlueHDi 140	[4HJ (DW12RUD)]				08.19-	113926	12 1.9
Relay Bus 2.2 BlueHDi BlueHDi 165	[4HH (DW12RUC)]				08.19-	113926	12 1.9
Relay Van 2.2 BlueHDi BlueHDi 120	[4HK (DW12RUE)]				08.19-	113926	12 1.9
Relay Van 2.2 BlueHDi BlueHDi 140	[4HJ (DW12RUD)]				08.19-	113926	12 1.9
Relay Van 2.2 BlueHDi BlueHDi 165	[4HH (DW12RUC)]				08.19-	113926	12 1.9
Saxo 1.0	[CDZ (TU9M)]	05.96-	110619	14 70	05.96-	110584	12 1.2
		05.98- 09.03	112782	14 80			
Saxo 1.1	[HDZ (TU1M)]	03.00-	112648	14 70	05.96-	110584	12 1.2
		05.96-	110619	14 70			
		05.96-	112782	14 80			
	[HFX (TU1JP)]	05.96- 09.03	110619	14 70	05.96- 09.03	110584	12 1.2
Saxo 1.4 VTS	[KFW (TU3JP)]	05.96- 06.03	110619	14 70	05.96- 06.03	110584	12 1.2
	[KFX (TU3JP)]	03.00-	112648	14 70	05.96- 06.03	110584	12 1.2
		05.96- 06.03	110619	14 70	09.99-	111029	12 1.4
		05.96-	112782	14 80			
Saxo 1.5 Diesel	[VJY (TUD5)]	09.99-	111723	14 70			
		09.96-	111532	14 80	09.96-	110584	12 1.2
		09.96-	112287	14 70	09.96-	111994	12 0.7
	[VJZ (TUD5)]	09.96-	112467	14 90			
		07.01- 04.04	111532	14 80	07.01- 04.04	111029	12 1.4
		07.01- 04.04	112287	14 70	07.01- 04.04	111994	12 0.7
		09.96-	112467	14 90			



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Saxo 1.6	[NFZ (TU5JP)]	03.00-	112648	14	70	05.96-	110584	12	1.2
		05.96-	110619	14	70	05.96-	111994	12	0.7
		05.96-	111723	14	70				
		05.96-	112782	14	80				
		09.98-	113404	14	90				
Saxo 1.6 16V	[NFX (TU5JP4)]	06.96-	112782	14	80				
Saxo 1.6 VTS	[NFT]	09.00-	111723	14	70	09.00-	111994	12	0.7
		09.00-	112782	14	80				
SpaceTourer 1.6 BlueHDi 115	[BHX (DV6FC)]					04.16-	113254	12	1.4
						04.16-	114030	12	2.2
SpaceTourer 1.6 BlueHDi 95	[BHV (DV6FDU)]					04.16-	113254	12	1.4
						04.16-	114030	12	2.2
SpaceTourer 2.0 BlueHDi 150	[AHX (DW10FD)]					04.16-	113254	12	1.4
						04.16-	114030	12	2.2
SpaceTourer 2.0 BlueHDi 180	[AHH (DW10FC)]					04.16-	114854	12	2.5
Spacetourer Bus 2.0 HDi Bluehdi 145	[EHS (DW10FDDU370), EHT (DW10FDDU340)]					AT 09.20-	114854	12	2.5
						09.20-	114460	12	1.4
Various Models						07.88-	110584	12	1.2
						10.84- 01.93	110587	12	1.2
						10.85-	111115	12	2.2
						03.91-	111130	12	1.1
						07.85- 01.93	111070	12	1.7
Visa 1.0	[XV8]	09.84- 06.88	111075	14	55	09.84- 06.88	114460	12	1.4
Visa 1.1	[109/5]	09.78- 03.91	111075	14	55	09.78- 03.91	111130	12	1.1
	[109/5F]	07.82- 03.91	111075	14	55	07.82- 03.91	111130	12	1.1
	[109K]	09.78- 06.88	111075	14	55				
Visa 1.2 Super X	[129/5]	07.80- 06.82	111075	14	55	07.80- 06.82	111070	12	1.7
Visa 1.4	[150D (XY7)]	07.84- 03.91	111075	14	55				
Visa 1.4 GT	[150B (XY8)]	03.82- 03.91	111075	14	55				
Visa 1.6 GTi	[180A (XU5J)]	10.84- 12.89	111076	14	50				
	[B6D]	10.84- 03.91	111076	14	50				
Visa 1.7 Diesel	[161A (XUD7)]	01.84- 12.89	111076	14	50				
Xantia 1.6 i	[BFZ (XU5JP)]	03.93-	112298	14	80	03.93-	111070	12	1.7
		03.93-	112299	14	95				
		03.93- 01.98	112772	14	120				
Xantia 1.8 i 16V	[LFY (XU7JP4)]	06.95- 01.98	111318	14	80	06.95- 01.98	111130	12	1.1
		06.95- 01.98	113604	14	95				
Xantia 1.8 i	[LFX (XU7JB)]	04.97-	111318	14	80	04.97-	111130	12	1.1
		04.97- 01.98	113604	14	95				
	[LFZ (XU7JP)]	03.93- 01.98	112298	14	80	03.93- 01.98	111070	12	1.7
		03.93-	112299	14	95	06.95-	114460	12	1.4
		03.93- 01.98	112772	14	120				
Xantia 1.9 Diesel	[D9B (XUD9A/L)]	06.94-	112230	14	80	06.94-	111130	12	1.1
		06.94-	112292	14	70	06.94-	111070	12	1.7
		06.94-	112688	14	95	06.94-	114460	12	1.4
		06.94-	112703	14	120				
	[DHW (XUD9SD)]	02.96-	112688	14	95	02.96-	114460	12	1.4
		02.96-	112703	14	120	04.97-	111130	12	1.1
		04.97-	112230	14	80				
	[DJZ (XUD9Y)]	06.94-	112230	14	80	06.94-	111130	12	1.1
		06.94-	112292	14	70	06.94-	111070	12	1.7
		06.94-	112688	14	95	06.94-	114460	12	1.4
		06.94-	112703	14	120				
Xantia 1.9 TD	[D8B (XUD9TF)]	06.95- 04.03	112688	14	95				
		06.95- 04.03	112703	14	120				
	[DHX (XUD9TF/BTF)]	07.93-	112230	14	80	07.93-	111130	12	1.1
		07.93-	112292	14	70	07.93-	111070	12	1.7
		06.95-	112688	14	95	06.95-	114460	12	1.4
		06.95-	112703	14	120				
	[DHY (XUD9TE/Y)]	06.95-	112688	14	95				
		06.95-	112703	14	120				
Xantia 2.0 HDi	[RHY (DW10TD)]	03.99-	112480	14	90	03.99-	114460	12	1.4
		03.99-	113503	14	120	06.99- 04.03	111070	12	1.7
		06.99- 04.03	112460	14	150				
	[RHZ (DW10ATED)]	02.99-	112480	14	90	02.99-	114460	12	1.4
02.99-		112460	14	150	02.99-	111070	12	1.7	
Xantia 2.0 i 16V	[RFT (XU10J4/Z)]	03.93- 12.98	112772	14	120	06.94-	111070	12	1.7
		06.94-	112298	14	80	06.94-	114460	12	1.4
		06.94-	112299	14	95				
	[RFV (XU10J4R)]	06.95-	111318	14	80	06.95-	111130	12	1.1
		06.95- 01.98	113604	14	95				
		03.93-	112298	14	80	03.93-	111070	12	1.7
[RFY (XU10J4/Z)]	03.93-	112299	14	95	03.93-	114460	12	1.4	
	03.93- 12.98	112772	14	120					
	Xantia 2.0 i	[RFX (XU10J2C)]		111318	14	80	03.93- 01.98	111070	12
			113604	14	95	03.93- 01.98	114460	12	1.4
03.93- 01.98			112298	14	80				
03.93- 01.98			112299	14	95				
03.93- 01.98			112772	14	120				
Xantia 2.0 Turbo	[RGX (XU10J2TE)]	06.95- 01.98	111318	14	80	06.95- 01.98	111130	12	1.1
		06.95- 01.98	113604	14	95				
Xantia 2.1 TD 12V	[P8C (XUD11BTE)]	06.95-	112688	14	95	06.95-	114460	12	1.4
		06.95-	112703	14	120				
XM 2.0	[R2A (XU102C)]	05.89- 04.94	112299	14	95	05.89- 04.94	111130	12	1.1
		05.89- 04.94	112688	14	95	05.89- 04.94	111070	12	1.7
		05.89- 04.94	113604	14	95				
XM 2.0 i 16V	[RFV (XU10J4R)]	05.94-	112298	14	80	05.94-	111130	12	1.1
		05.94- 05.95	112299	14	95	05.94- 10.00	111070	12	1.7
		05.94- 10.00	113604	14	95				
		Chas. 6779- 05.95- 10.00	111318	14	80				
	Chas. -6778	05.94- 05.95	112772	14	120				
XM 2.0 Turbo	[RGX (XU10J2TE)]	05.94- 10.00	113604	14	95	05.94- 10.00	111070	12	1.7
		06.95-	111318	14	80	06.95-	111130	12	1.1
XM 2.1 Diesel	[P9A (XUD11A)]					11.91- 04.94	114460	12	1.4
XM 2.1 TD 12V	[P8A (XUD11ATE)]	Chas. 6779- 05.94-	112688	14	95	05.94-	111130	12	1.1
		Chas. 6779- 05.94-	112703	14	120	05.94-	111070	12	1.7
		07.95-	112688	14	95	05.94- 10.00	114460	12	1.4
		07.95-	112703	14	120	07.95-	111130	12	1.1
		07.95-	112703	14	120	07.95-	111070	12	1.7



	[PHZ (XUD11ATE)]	07.95- 07.95-	112688	14 95	05.89- 06.94	111070	12 1.7
			112703	14 120	05.94- 10.00	114460	12 1.4
					07.95-	111130	12 1.1
					05.94- 10.00	114460	12 1.4
	[PJZ (XUD11ATE)]						
XM 2.5 TD	[THY (DK5ATE)]	05.94-	112772	14 120	05.94-	111070	12 1.7
Xsara 1.4 HDi	[8HX (DV4TD)]	01.03-	113246	14 90			
		01.03-	113755	14 150			
Xsara 1.4 LPG	[KFX (TU3JP)]	06.99- 08.00	110619	14 70	06.99- 08.00	110584	12 1.2
		06.99- 08.00	111723	14 70	06.99- 08.00	111070	12 1.7
		06.99- 08.00	112782	14 80			
Xsara 1.4	[KFX (TU3JP)]	09.00- 03.05	110619	14 70	09.00- 03.05	110584	12 1.2
		09.00- 03.05	111723	14 70	09.00- 03.05	111130	12 1.1
		09.00- 03.05	112782	14 80			
					05.98- 10.04	111070	12 1.7
Xsara 1.4 i	[KFW (TU3JP)]	04.97- 03.05	110619	14 70	09.00-	111130	12 1.1
		04.97-	113575	14 80	09.00-	113933	12 1.5
		09.00-	111723	14 70	09.02-	114460	12 1.4
		09.00-	112469	14 90	04.97- 03.05	110584	12 1.2
		09.00-	112782	14 80			
	[KFX (TU3JP)]	03.98- 02.01	111723	14 70	03.98- 02.01	111130	12 1.1
		04.97- 03.05	110619	14 70	04.97- 03.05	110584	12 1.2
		04.97-	112782	14 80			
Xsara 1.5 Diesel	[VJZ (TUD5)]	04.97-	111532	14 80	04.97-	111130	12 1.1
Xsara 1.6 HDi Picasso	[9HX (DV6ATED4)]	04.97-	112287	14 70	04.97-	111994	12 0.7
		09.05-	113755	14 150			
		05.04-	113640	14 150			
		05.04-	113640	14 150			
Xsara 1.6 Picasso	[NFV (U5JP)]	09.00-	112469	14 90	09.00-	114030	12 2.2
		09.00-	113405	14 70			
		09.00-	113575	14 80			
	[NFZ (TU5JP)]	01.00-	113603	14 80	06.00-	113926	12 1.9
		06.00-	112469	14 90			
		06.00-	113405	14 70			
		06.00-	113575	14 80			
		09.05-	113755	14 150			
		06.02-	112058	14 70	06.02-	111070	12 1.7
Xsara 1.6 16V	[NFU (TU5JP4)]	09.00-	111723	14 70	09.00-	111130	12 1.1
		09.00-	112782	14 80			
		09.00-	113405	14 70			
		09.00- 03.05	113575	14 80			
Xsara 1.6 16V Picasso	[NFV (TU5JP4)]	09.05-	113575	14 80			
Xsara 1.6 i	[NFZ (TU5JP)]	04.97- 08.00	112782	14 80	10.97-	110584	12 1.2
		10.97-	110619	14 70	10.97-	111130	12 1.1
		10.97-	111723	14 70			
Xsara 1.8 Diesel	[161A (XUD7)]	04.97-	112230	14 80	04.97-	111070	12 1.7
		04.97-	112292	14 70	04.97-	111994	12 0.7
		PS 04.97-	111893	14 70	04.97-	116634	12 1.1
		PS 04.97-	112688	14 95			
		PS 04.97-	113485	14 80			
		AC 04.97-	112703	14 120			
	[A9A (XUD7)]	05.98- 05.99	111893	14 70	05.98- 05.99	111029	12 1.4
		05.98- 05.99	112688	14 95	10.97-	111070	12 1.7
		05.98- 05.99	112703	14 120	10.97-	111994	12 0.7
		05.98- 05.99	113485	14 80	10.97-	116634	12 1.1
Xsara 1.8 16V Picasso	[6FZ (EW7J4)]	10.97-	112230	14 80			
		10.97-	112292	14 70			
		02.00-	112469	14 90	02.00-	113933	12 1.5
		02.00-	112480	14 90	02.00-	114460	12 1.4
		02.00-	113503	14 120			
	[LFY (XU7JP4)]	02.00-	113575	14 80			
		02.00-	113603	14 80			
		02.00-	112469	14 90	02.00-	114030	12 2.2
		02.00-	112480	14 90	02.00-	114460	12 1.4
		02.00-	113503	14 120			
Xsara 1.8 i 16V	[LFY (XU7JP4)]	10.97-	111318	14 80	10.97-	110584	12 1.2
		02.98- 09.00	113604	14 95			
Xsara 1.8 i	[LFX (TU7JB)]	04.97- 09.00	113604	14 95	10.97-	110584	12 1.2
		10.97-	111318	14 80			
	[LFX (XU7JB)]	02.98-	111318	14 80	02.98-	111130	12 1.1
		02.98- 09.00	113604	14 95			
	[LFX (XU7JP)]	10.97-	111318	14 80	10.97-	110584	12 1.2
		10.97- 09.00	113604	14 95			
	[LFZ (XU7JP)]	04.97- 09.00	112298	14 80	04.97- 09.00	114460	12 1.4
		04.97- 09.00	112299	14 95			
Xsara 1.9 Diesel	[DHW (XUD9BSD)]	04.97- 09.00	112772	14 120			
		01.98-	112230	14 80	AC 01.98-	111070	12 1.7
		01.98-	112292	14 70	01.98-	111994	12 0.7
		ACPS 01.98-	112688	14 95			
	[DJY (XUD9A)]	ACPS 01.98-	113485	14 80			
		04.97-	112230	14 80	04.97-	111070	12 1.7
		04.97-	112292	14 70	04.97-	111994	12 0.7
		02.98- 02.99	112688	14 95	10.97-	116634	12 1.1
	PS 02.98- 02.99	02.98- 02.99	113485	14 80			
		10.97-	111893	14 70			
		ACPS 10.97-	112703	14 120			
	[WJY (DW8B)]	09.00-	113503	14 120			
		09.00-	113603	14 80			
	[WJZ (DW8)]	04.98- 08.00	113503	14 120	07.98-	111070	12 1.7
		07.98-	112058	14 70	07.98-	114460	12 1.4
		07.98-	112480	14 90			
		07.98- 08.00	113603	14 80			
Xsara 1.9 TD	[DHY (XUD9TE/Y)]	04.97-	112230	14 80	04.97-	111070	12 1.7
		04.97-	112292	14 70	04.97-	111994	12 0.7
		04.97-	112688	14 95	04.97-	116634	12 1.1
		02.98- 02.01	111893	14 70			
		02.98- 02.01	112703	14 120			
		02.98- 02.01	113485	14 80			



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Xsara 2.0 HDi	[RHY (DW10TD)]	02.99-	112461	14 150	02.99-	114030	12 2.2
		09.00- 03.05	112460	14 150	09.00- 03.05	111994	12 0.7
		09.00- 03.05	112480	14 90	09.00- 03.05	113254	12 1.4
		09.00- 03.05	113503	14 120	09.00- 03.05	114460	12 1.4
		09.00- 03.05	113755	14 150			
	[RHZ (DW10ATED)]		112460	14 150		113254	12 1.4
			112480	14 90		114460	12 1.4
						116634	12 1.1
Xsara 2.0 HDi Picasso	[RHY (DW10TD)]		112460	14 150		113254	12 1.4
			112480	14 90		114460	12 1.4
			113503	14 120			
Xsara 2.0 16V	[RFN (EW10J4)]	09.20-	112480	14 90	09.20-	114460	12 1.4
		09.20-	113603	14 80	09.20-	116634	12 1.1
	[RFV (XU10J4R)]	07.98-	111318	14 80	07.98-	110584	12 1.2
		07.98- 09.00	113604	14 95			
Xsara 2.0 16V Picasso	[RFN (EW10J4)]		112469	14 90		114460	12 1.4
			113603	14 80			
Xsara 2.0 i 16V	[RFS (XU10J4RS)]	02.98-	111318	14 80	02.98-	110584	12 1.2
		02.98- 03.05	113604	14 95			
Xsara Hatch 1.9 Diesel	[WJY (DW8B)]	04.00- 04.05	112058	14 70	04.00- 04.05	111070	12 1.7
		04.00- 04.05	112469	14 90	04.00- 04.05	113926	12 1.9
		04.00- 04.05	113503	14 120	04.00- 04.05	114460	12 1.4
		04.00- 04.05	113575	14 80			
		04.00- 04.05	115438	14 120			
ZX 1.1	[H1A]	03.91- 08.93	110619	14 70	03.91- 08.93	110584	12 1.2
ZX 1.4	[HDZ (TU1M)]	03.91-	110619	14 70	03.91-	110584	12 1.2
	[KDZ (TU3M/Z)]	03.91-	110619	14 70	03.91-	110584	12 1.2
ZX 1.4 i	[KDX (TU3M/Z)]	03.91- 06.97	110619	14 70	03.91- 06.97	110584	12 1.2
		AC 03.91- 06.97	112782	14 80			
	[KDY (TU3M)]	10.93- 10.97	110619	14 70	10.93- 10.97	110584	12 1.2
		10.93-	112782	14 80			
	[KDY (TU3M/Z)]	10.93- 10.97	110619	14 70	10.93- 10.97	110584	12 1.2
		10.93- 10.97	112782	14 80			
	[KDZ (TU3M/Z)]	03.91-	110619	14 70	03.91-	110584	12 1.2
		AC 03.91-	112782	14 80			
	[KFX (TU3JP)]	03.96- 06.97	110619	14 70	03.96- 06.97	110584	12 1.2
		06.96-	112782	14 80			
ZX 1.6 i	[BDY (XU5M)]	03.91- 06.97	112230	14 80	A13 03.91- 06.97	111070	12 1.7
		03.91- 06.97	112298	14 80	03.91- 12.94	114460	12 1.4
		10.93-	112299	14 95			
	[BFZ (XU5JP)]	03.91- 06.97	112230	14 80	03.91- 06.97	114460	12 1.4
		07.93- 10.97	112298	14 80			
		10.93-	112299	14 95			
ZX 1.8 Diesel	[161A (XUD7)]	06.93- 06.97	111318	14 80	06.93- 06.97	111130	12 1.1
		06.93- 06.97	111893	14 70	06.93- 06.97	111070	12 1.7
		06.96- 10.97	113485	14 80			
		06.96- 10.97	114026	14 80			
		06.96- 10.97	112230	14 80	06.96- 10.97	114460	12 1.4
		06.96- 10.97	112688	14 95			
		06.96- 10.97	112703	14 120			
ZX 1.8 i 16V	[LFY (XU7JP4)]	01.96- 02.98	111318	14 80	01.96- 02.98	111130	12 1.1
		01.96- 02.98	113604	14 95			
ZX 1.8 i	[LFZ (XU7JP)]	07.92-	112299	14 95			
		10.93-	112298	14 80			
ZX 1.9 Diesel	[D9B (XUD9A/U)]	03.91- 06.95	112292	14 70	07.95- 10.97	111070	12 1.7
		06.94-	112688	14 95			
		06.94-	112703	14 120			
		06.94-	113485	14 80			
		07.95- 10.97	111893	14 70			
		ACPS 06.94- 06.97	114026	14 80			
	[DJY (XUD9A)]	06.94- 06.97	111893	14 70	06.94- 06.97	111070	12 1.7
		06.94- 06.97	112292	14 70			
		06.94- 06.97	112688	14 95			
		06.94- 06.97	112703	14 120			
		06.94- 06.97	113485	14 80			
		ACPS 06.94- 06.97	114026	14 80			
	[DJZ (XUD9Y)]	03.91-	112292	14 70	03.91-	114460	12 1.4
		06.95- 01.98	112703	14 120	03.91-	111070	12 1.7
		ACPS 03.91- 06.97	114026	14 80			
	AC 03.91-		112230	14 80			
ZX 1.9 TD	[DHY (XUD9TE/Y)]	07.92- 05.95	112230	14 80	07.92- 05.95	111070	12 1.7
		07.92- 06.95	112292	14 70	07.92-	114460	12 1.4
		07.95- 10.97	111893	14 70			
		Chas. 6629- 07.92- 10.97	112688	14 95			
		Chas. 6629- 07.92- 10.97	112703	14 120			
		Chas. 6629- 07.92- 10.97	113485	14 80			
		ACPS 10.93- 10.97	114026	14 80			
ZX 1.9 i	[DKZ (XU9JA)]	03.91-	112298	14 80			
		03.91- 10.97	112299	14 95			
ZX 2.0 16V	[RFT (XU10J4/Z)]		111318	14 80		111130	12 1.1
			112298	14 80			
			112299	14 95			
			113604	14 95			
			113755	14 150			
	[RFY (XU10J4/Z)]		111318	14 80		111130	12 1.1
			112298	14 80			
			112299	14 95			
			113604	14 95			
			113755	14 150			
ZX 2.0 i 16V	[RFS (XU10J4RS)]	05.96-	111318	14 80	05.96-	111130	12 1.1
		05.96- 06.97	112298	14 80			
		05.96- 06.97	112299	14 95			
		05.96- 06.97	113604	14 95			
	[RFT (XU10J4/Z)]	07.92- 10.97	111318	14 80	07.92- 10.97	111130	12 1.1
		07.92- 10.94	113604	14 95			
		06.94-	112298	14 80			
		06.94-	112299	14 95			



	[RFY (XU10J4/Z)]	07.92- 10.94	112298	14 80						
		07.92- 10.94	112299	14 95						
ZX 2.0 i	[RFX (XU10J2C)]	07.92- 06.96	112299	14 95	06.96- 10.97	111130	12 1.1			
		07.92- 06.97	113604	14 95						
		Chas. 7175- 06.96- 10.97	111318	14 80						
		Chas. -7174 07.92- 06.96	112298	14 80						
PASSENGER CARS US		Chas. -7174								
Jumper 2.3 HDi		08.08-	116043	14 180						
PASSENGER CARS AO										
AX 1.4 4x4	[K2A]	AC 09.86- 07.92	114026	14 80						
Berlingo 2.0 HDi 4x4	[RHY (DW10TD)]		112058	14 70		111070	12 1.7			
			112460	14 150						
			112480	14 90						
			113603	14 80						
			113640	14 150						
			113755	14 150						
BX 1.6	[B6D]				07.82- 01.93	110587	12 1.2			
BX 1.9 GTi 4x4					10.84- 01.93	110587	12 1.2			
C15 1.9 Diesel	[WJY (DW8B)]				10.20-	116634	12 1.1			
C2 1.4		10.06-	115474	14 80						
		10.06-	116476	14 80						
XM 2.1 Diesel D12 VSX	[P9A (XUD11A)]	03.96- 08.96	112688	14 95						
		03.96- 08.96	112703	14 120						
XM 3.0		05.89- 05.94	112299	14 95	05.89- 05.94	111070	12 1.7			
Xsara 1.6 Picasso Chrono		04.01- 10.04	113575	14 80						
ZX 1.4 Diesel	[K9Y (TUD3Y)]	07.94- 10.97	110619	14 70	07.94- 10.97	110584	12 1.2			
ZX 1.5 Diesel SX	[VJY (TUD5)]	06.96- 02.98	111532	14 80	06.96- 02.98	111130	12 1.1			
		06.96- 02.98	112287	14 70	06.96- 02.98	111029	12 1.4			
ZX 1.9		03.91- 08.92	112292	14 70						
Clark										
FORK LIFTS										
C25D Forklifts	[4TNE94]		113401	14 40		112676	12 2.2			
C30D Forklifts	[4TNE94]		113401	14 40						
C35D Forklifts	[4TNE94]		113401	14 40						
C35KD Forklifts	[TD 3.6L4]		116544	14 95		113181	12 2.3			
			116547	14 120						
C40KD Forklifts	[TD 3.6L4]		116544	14 95		113181	12 2.3			
			116547	14 120						
C45KD Forklifts	[TD 3.6L4]		116544	14 95		113181	12 2.3			
			116547	14 120						
C500 350 Forklifts	[6BT5.9]		111843	14 95						
C500 Y180 Forklifts	[6BT5.9]		111843	14 95						
C500Y110 Forklifts	[6BT5.9]		111843	14 95						
C500Y115 Forklifts	[6BT5.9]		111843	14 95						
C50D Forklifts	[TD 3.6L4]		116544	14 95		113181	12 2.3			
			116547	14 120						
C50KD Forklifts	[TD 3.6L4]		116544	14 95		113181	12 2.3			
			116547	14 120						
C70D Forklifts	[TD 3.6L4]		116544	14 95		113181	12 2.3			
			116547	14 120						
GCX40	[Perkins]				01.90- 01.97	111222	12 2.8			
GCX50	[Perkins]				01.90- 01.97	111222	12 2.8			
GPX35D	[Perkins]				01.90- 01.95	111222	12 2.8			
GPX40D	[Perkins]				01.90- 01.95	111222	12 2.8			
GPX50D	[Perkins]				01.90- 01.95	111222	12 2.8			
Various Models 4.3	[GM Vortec]				01.68-	115743	12 1.4			
					01.68-	115985	12 1.6			
Various Models		01.95- 01.00	113310	14 50	01.95- 01.00	110468	12			
					01.74- 01.83	111221	12 2.5			
					01.82-	111222	12 2.8			
					01.68-	111190	12			
					01.71- 01.78	111000	24 6.5			
					01.75- 01.80	110347	24 7.5			
					01.68-	112489	12 2.7			
					01.75- 01.84	112243	24			
					01.68-	112255	12			
					01.89- 12.95	111383	12 2.8			
					01.02- 01.03	113679	12 1.6			
		01.75- 01.78	110173	28 75	01.75- 01.78	110602	12 2.8			
						111683	12 2.0			
Isuzu engine										
Claas										
FORK LIFTS										
9055/7055 Telescopic Boom Forklifts	[TCD4.1L4]		116544	14 95		113181	12 2.3			
			116547	14 120						
INDUSTRY										
RANGER 925 Rough Terrain Forklifts	[1004-4T]		111355	14 65		114388	12 3.2			
			112698	14 100						
			114772	14 95						
RANGER 928 Rough Terrain Forklifts	[1004-4T]		111355	14 65		114388	12 3.2			
			112698	14 100						
			114772	14 95						
RANGER 964/974 Rough Terrain Forklifts	[1004-4T]		111355	14 65		114388	12 3.2			
			112698	14 100						
			114772	14 95						
RANGER 965/975 Rough Terrain Forklifts	[1004-4T]		111355	14 65		114388	12 3.2			
			112698	14 100						
			114772	14 95						
TARGO K50/60/70 Rough Terrain Forklifts	[1004-4T]		111355	14 65		114388	12 3.2			
			112698	14 100						
			114772	14 95						
Compair										
INDUSTRY										
Various Models					01.76-	110439	12 2.0			
					01.74- 01.78	110523	24 4.0			



Application list

Conveyancer						
FORK LIFTS						
Various Models				01.70- 01.83	110442	12 2.1
Crusader						
MARINE						
Various Models		01.00- 01.00	113692	14 70		
		01.00- 01.00	111250	14 42		
Cub Cadet						
INDUSTRY						
365	[Kohler]			01.00- 01.02	112546	12 0.6
3654	[Kohler]			01.00- 01.01	112546	12 0.6
3660	[Kohler]			01.00- 01.01	112546	12 0.6
LTX1045 LTX1050				02.14-	116448	12 0.6
RTZ 17	[Briggs & Stratton]			01.04- 01.04	113853	12 0.5
RZT46 RZT50 RZT54				02.14-	116448	12 0.6
Z48	[Kohler]			01.97- 01.99	112546	12 0.6
Z54	[Kohler]			01.97- 01.99	112546	12 0.6
Z-Force 42	[Briggs & Stratton]			01.04- 01.04	113853	12 0.5
MISCELLANEOUS						
Big Country	[Honda]			01.02- 01.04	113732	12 1.0
Volunteer	[2TNV70]				114891	12 1.1
Cummins						
MARINE						
76 Pleasure Craft Engines	[4B3.9]		111888	14 65	113725	12 2.5
152 152	[6BT5.9]		111843	14 95		
171 171	[6BTA5.9]		111843	14 95		
11MDKBN 50HZ Marine Auxiliary	[V1505-E]		113856	14 40	111021	12 1.4
12.5MDKAB Marine Auxiliary	[V1505-E]		113856	14 40	111021	12 1.4
13.5MDKBN Marine Auxiliary	[V1505-E]		113856	14 40	111021	12 1.4
220B 220B	[6BT5.9]		111843	14 95		
270 B 270 B	[6BTA5.9]		111843	14 95		
330 B 330 B	[6BTA5.9]		111843	14 95		
370 B 370 B	[6BTA5.9]		111843	14 95		
40MDDCA 55MDDCB & 65MDDCC	[4045T]		112062	14 115	114275	12 4.0
			113707	14 200		
			114379	14 150		
			114681	14 90		
			116623	14 200		
40MDDCF & 50MDDCG 50HZ Marine Auxiliary	[4045T]		112062	14 115	114275	12 4.0
			113707	14 200		
			114379	14 150		
			114681	14 90		
			116623	14 200		
4B3.9 Marine Auxiliary	[4B3.9]		111888	14 65	113725	12 2.5
4B3.9-M Commercial Vessel Engines	[4B3.9]		111888	14 65	113725	12 2.5
65MDDCH & 80MDDCJ 50HZ Marine	[6068T]		113986	14 120	115357	12 4.2
					116535	12 3.0
6BT5.9-M Engine	[6BT5.9]		111843	14 95		
6BT5.9-M1 Engine	[6BT5.9]		111843	14 95		
6BT5.9-M2 Engine	[6BT5.9]		111843	14 95		
6BT5.9-M3 Engine	[6BT5.9]		111843	14 95		
6BT5.9T-M Engine	[6BT5.9]		111843	14 95		
6BTA5.9 (225-315 HP) Engine	[6BTA5.9]		111843	14 95		
6BTA5.9-M1 Engine	[6BTA5.9]		111843	14 95		
6BTA5.9-M2 6BTA5.9-M2	[6BTA5.9]		111843	14 95		
6BTA5.9-M2 Engine	[6BTA5.9]		111843	14 95		
6BTA5.9-M3 Engine	[6BTA5.9]		111843	14 95		
80MDDCD & 99MDDCE Marine Auxiliary	[6068T]		113986	14 120	115357	12 4.2
					116535	12 3.0
DIAMOND 6B 220-370 HP DIAMOND 6B	[6BTA5.9]		111843	14 95		
ENSIGN SERIES Marine Auxiliary	[4B3.9]		111888	14 65	113725	12 2.5
Various Models					116711	24 4.0
					116712	12 4.2
INDUSTRY						
76 Generator Sets	[4B3.9]		111888	14 65	113725	12 2.5
(C45D5) 42 KVA Generator Sets	[4B3.9]		111888	14 65	113725	12 2.5
70KW Generator Sets	[4045T]		112062	14 115	114275	12 4.0
			113707	14 200		
			114379	14 150		
			114681	14 90		
			116623	14 200		
C150 D6e Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C150D2R Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C150D2R 50HZ Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C150D2RE Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C150D2RE 50HZ Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C150D6R Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C175 D5e Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C175 D6e Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C200 D5e Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C200 D6e Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C200D2R Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C200D2R 50HZ Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C200D2RE Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C200D2RE 50HZ Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C200D6R Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C220 D5e Generator Sets	[QS86.7]		116317	28 70	114326	24 7.5
C30 D5 P Generator Sets	[S325]		111289	14 70	112660	12 2.8
			111362	14 55		
			111363	14 45		
C35 D5 P Generator Sets	[S325]		111289	14 70	112660	12 2.8
			111362	14 55		
			111363	14 45		
C40 D6 Generator Sets	[4B3.9]		111888	14 65	113725	12 2.5
DGBA Generator Sets	[4B3.9]		111888	14 65	113725	12 2.5
DGBB Generator Sets	[4B3.9]		111888	14 65	113725	12 2.5
DGBB-TEST 50HZ Generator Sets	[4B3.9]		111888	14 65	113725	12 2.5
DGBC Generator Sets	[4B3.9]		111888	14 65	113725	12 2.5
DGBC 50HZ Generator Sets	[4B3.9]		111888	14 65	113725	12 2.5



DGCA 50HZ Generator Sets	[4B3.9]		111888	14	65		113725	12	2.5
DGCB 50HZ Generator Sets	[4B3.9]		111888	14	65		113725	12	2.5
DGDK Generator Sets	[QSB6.7]		116317	28	70		114326	24	7.5
DSGAB Generator Sets	[QSB6.7]		116317	28	70		114326	24	7.5
DSGAA Generator Sets	[QSB6.7]		116317	28	70		114326	24	7.5
Engine						01.85-	112267	12	2.5
INDY RANGE Generator Sets	[4B3.9]		111888	14	65		113725	12	2.5
INDY RANGE 60HZ Generator Sets	[4B3.9]		111888	14	65		113725	12	2.5
PETBOW Generator Sets	[BSD442]						112074	12	3.1
QSGBA Generator Sets	[4B3.9]		111888	14	65		113725	12	2.5
SD10000 Generator Sets	[V1505-E]		113856	14	40		111021	12	1.4
SD8000 50HZ Generator Sets	[V1505-E]		113856	14	40		111021	12	1.4
Sweeper							115968	12	2.0
Various Models							114282	24	4.5
							116513	24	4.8
							116711	24	4.0
							116712	12	4.2
							115352	12	2.5
MOTORS									
4B 3.3			114097	14	60				
Engine 10.0		01.83- 01.91	110801	28	45	01.83- 01.91	112089	12	
			112265	28	100				
Engine 14.0		01.83- 01.93	110801	28	45	01.83- 01.93	112089	12	
			112265	28	100				
Engine 5.9			113999	14	150 IS				
		01.77- 01.91	112265	28	100	01.77- 01.91	113114	12	2.7
		01.89-	112773	14	135				
Engine 8.3		01.83- 01.85	110801	28	45	01.83- 01.85	110520	24	4.0
		01.89- 01.98	112265	28	100	01.89- 01.98	113827	24	7.0
Engine		01.91- 01.92	112993	14	130				
		01.80- 01.88	110801	28	45	01.80- 01.88	112544	24	7.5
						01.80- 01.88	112267	12	2.5
		01.91- 01.92	112160	28	75	01.91- 01.92	113114	12	2.7
			112265	28	100		114013	24	8.2
							114332	12	2.2
Various Models		01.87-	114347	28	150	01.87-	112267	12	2.5
		01.87-	114349	28	150	01.87-	112372	24	7.8
		01.87-	114351	14	200	01.87-	112255	12	
		01.87-	114536	14	150	01.87-	111760	24	4.5
						01.87-	115447	24	7.5
						01.87-	114710	24	4.0
						01.87-	114397	24	4.0
						01.03-	114326	24	7.5
						01.87-	114330	24	8.3
						01.87-	114332	12	2.2
						01.87-	114282	24	4.5
						01.87-	116513	24	4.8
						01.87-	115352	12	2.5
		01.80- 01.85	110801	28	45	01.80- 01.85	111000	24	6.5
		01.87-	111295	28	55	01.87-	112544	24	7.5
Cupra									
PASSENGER CARS EU									
Ateca 2.0 TSI 4Drive	[DNUE]	09.18-	116387	14	140				
		09.18-	116747	14	180				
Formentor 1.5 TSI	[DPCA]					For vehicles with DKG 11.20-	115561	12	1.7
						11.20-	115560	12	1.7
Formentor 2.0 TSI	[DNPA]					03.21-	115561	12	1.7
Formentor 2.0 TSI 4Drive	[DNFB]					07.20-	115561	12	1.7
	[DNNA,DNPA]					01.21-	115561	12	1.7
Formentor 2.5 4x4	[DNWB]					10.21-	115561	12	1.7
Leon 2.0 TSI	[DNPA]					06.21-	115539	12	2.0 A49
						06.21-	115610	12	2.0
						06.21-	116156	12	2.0
Leon Sportstourer 2.0 TSI	[DNPA]					06.21-	115539	12	2.0 A49
						06.21-	115610	12	2.0
						06.21-	116156	12	2.0
Dacia									
PASSENGER CARS EU									
1310 1.3	[810-02..]					05.83-	110367	12	1.0
Dokker 1.2 TCe	[H5F402]	11.12-	116174	14	90	11.12-	113932	12	0.85
		11.12-	116182	14	120	11.12-	116277	12	0.9
Dokker 1.2 TCe 115	[H5F408]	08.18-	115356	14	150	08.18-	113897	12	1.4
		08.18-	116174	14	90	08.18-	116367	12	1.7
		08.18-	116240	14	125	08.18-	116277	12	0.9
		08.18-	116710	14	150				
Dokker 1.5 Blue dCi 95	[K9K872]	12.18-	116174	14	90	12.18-	116367	12	1.7
		12.18-	116178	14	150	12.18-	116277	12	0.9
		12.18-	116234	14	125				
Dokker 1.5 dCi	[K9K612]	11.12-	115903	14	120	11.12-	113897	12	1.4
		11.12-	116178	14	150	11.12-	116262	12	0.8
		11.12-	116363	14	120	11.12-	116277	12	0.9
		11.12-	116609	14	125				
Dokker 1.5 DCI Blue dCi 95	[K9K872]	06.19-	116174	14	90	06.19-	116367	12	1.7
		06.19-	116178	14	150	06.19-	116277	12	0.9
		06.19-	116234	14	125				
		06.19-	116609	14	125				
Dokker 1.6 LPG	[K7M812]	11.13-	116174	14	90	11.13-	113932	12	0.85
	[K7M828]	11.13-	116174	14	90	11.13-	113932	12	0.85
		11.13-	116790	14	110				
Dokker 1.6 16V	[K7M812]	11.12-	116174	14	90	11.12-	113897	12	1.4
	[K7M828]	11.12-	116790	14	110				
		11.12-	116174	14	90	11.12-	113932	12	0.85
		11.12-	116790	14	110				
Dokker 1.6 LPG LPG	[H4M740]	08.18-	116174	14	90	08.18-	116367	12	1.7
Dokker Express 1.2 TCe 115	[H5F402]	12.12-	116174	14	90	12.12-	116367	12	1.7
		12.12-	116182	14	120				
		07.15-	115356	14	150	07.15-	113897	12	1.4
		07.15-	116240	14	125				
		07.15-	116710	14	150				



DACIA Continued

Dokker Express 1.5 dCi	[K9K612]	12.12-	115903	14 120	12.12-	113897	12 1.4
		12.12-	116178	14 150	12.12-	113932	12 0.85
		12.12-	116363	14 120	12.12-	116262	12 0.8
		12.12-	116609	14 125			
Dokker Express 1.6 16V	[K7M812]	12.12-	116174	14 90	12.12-	113932	12 0.85
		12.12-	116790	14 110			
	[K7M828]	12.12-	116174	14 90	12.12-	116367	12 1.7
		12.12-	116790	14 110			
Dokker Express 1.6 LPG	[H4M740]	A25 08.18-	116609	14 125			
Dokker Pickup 1.6		07.18-	116174	14 90	07.18-	116277	12 0.9
Duster 1.2 TCe 125	[H5F404]	10.13- 01.18	116710	14 150			
Duster 1.2 TCe 125	[H5F408]	10.17-	115356	14 150	10.17-	116367	12 1.7
		10.17-	115921	14 120			
		10.17-	116240	14 125			
		10.17-	116710	14 150			
Duster 1.2 TCe 125 4x4	[H5F410]	10.17-	116182	14 120			
		10.17-	116240	14 125			
Duster 1.2 TCe 4x4	[H5F404]	06.15-	115356	14 150	06.15-	116367	12 1.7
		06.15-	115921	14 120			
		06.15-	116182	14 120			
		06.15-	116240	14 125			
		06.15- 01.18	116710	14 150			
Duster 1.2 TCe 4x4 125	[H5F404]	10.13-	116710	14 150			
Duster 1.5 DCi	[K9K796]	04.10-	113862	14 125 A49	04.10-	113897	12 1.4
		04.10-	113940	14 110 A49			
		04.10-	115903	14 120			
		04.10-	116325	14 125			
	[K9K856]	08.13-	115903	14 120			
		08.13-	116178	14 150			
	[K9K884]	04.11-	113862	14 125 A49	04.11-	113897	12 1.4
		04.11-	113940	14 110 A49			
		04.11-	116325	14 125			
	[K9K892]	10.10-	113862	14 125 A49	04.11-	113932	12 0.85
		10.10-	113940	14 110 A47	10.10-	113897	12 1.4
		10.10-	115903	14 120			
		10.10-	116048	14 110			
		10.10-	116178	14 150			
	[K9K896]	10.10-	116325	14 125			
		06.10-	113862	14 125 A49	06.10-	113897	12 1.4
		06.10-	115903	14 120			
		06.10-	116325	14 125			
Duster 1.5 DCi 110	[K9K656]	10.17-	114463	14 120	10.17-	113932	12 0.85
		10.17-	115651	14 210	10.17-	116262	12 0.8
		10.17-	116323	14 150			
		10.17-	116355	14 150			
		10.17-	116562	14 120			
Duster 1.5 DCi 110 4x4	[H5F408]	10.17-	114463	14 120	10.17-	113932	12 0.85
		10.17-	115651	14 210	10.17-	116262	12 0.8
		10.17-	116323	14 150			
		10.17-	116355	14 150			
		10.17-	116562	14 120			
Duster 1.5 DCi 115	[K9K872, K9K874]	10.17-	116234	14 125			
Duster 1.5 dCi 4x4	[K9K858]	08.13-	115903	14 120			
		08.13-	116178	14 150			
	[K9K884]	04.11-	113862	14 125 A49	04.11-	113897	12 1.4
		04.11-	113940	14 110 A49	04.11-	113932	12 0.85
		04.11-	116325	14 125			
	[K9K892]	04.11-	113862	14 125 A49	04.11-	113897	12 1.4
		04.11-	113940	14 110 A49	04.11-	113932	12 0.85
		04.11-	116325	14 125			
	[K9K894]	10.10-	113862	14 125 A49	10.10-	113897	12 1.4
		10.10-	113940	14 110 A47			
		10.10-	115903	14 120			
		10.10-	116048	14 110			
		10.10-	116325	14 125			
	[K9K898]	10.10-	113862	14 125 A49	10.10-	113897	12 1.4
		10.10-	115903	14 120			
		10.10-	116325	14 125			
Duster 1.5 DCi 90	[K9K656]	10.17-	115651	14 210	10.17-	116367	12 1.7
		10.17-	116234	14 125			
Duster 1.5 DCi 95	[K9K872]	10.17-	116234	14 125			
Duster 1.5 Dci dCi 115 4x4	[K9K874]	01.22-	116234	14 125			
Duster 1.6 16V Flex	[K4M696]	04.11-	113940	14 110 A47	04.11-	113897	12 1.4
		04.11-	114879	14 90	04.11-	115361	12 1.0
		04.11-	115766	14 110	04.11-	116277	12 0.9
		04.11-	116048	14 110			
Duster 1.6 16V LPG	[K4M696]	04.11-	113940	14 110 A47	04.11-	113897	12 1.4
		04.11-	114879	14 90	04.11-	115361	12 1.0
		04.11-	115766	14 110	04.11-	116277	12 0.9
		04.11-	116048	14 110			
		04.11-	116208	14 90			
Duster 1.6 16V	[K4M690]	04.10-	113940	14 110 A49	04.10-	113897	12 1.4
		04.10-	115766	14 110	04.10-	116262	12 0.8
		04.10-	116174	14 90			
		04.10-	116208	14 90			
	[K4M696]	04.10-	113940	14 110 A49	04.10-	113897	12 1.4
		04.10-	115766	14 110	04.10-	115629	12 1.0
		04.10-	116174	14 90			
		04.10-	116208	14 90			
Duster 1.6 16V 4x4	[K4M606]	06.10-	113940	14 110 A47	04.11-	115361	12 1.0
		06.10-	114879	14 90	06.10-	113897	12 1.4
		06.10-	115766	14 110	06.10-	113932	12 0.85
		06.10-	116048	14 110	06.10-	116277	12 0.9
Duster 1.6 16V Hi-Flex	[K4M696]	04.11-	113940	14 110 A47	04.11-	113897	12 1.4
		04.11-	114879	14 90	04.11-	115361	12 1.0
		04.11-	115766	14 110			
		04.11-	116048	14 110			
		04.11-	116208	14 90			



Duster 1.6	[K4M696]	04.11-	113940	14 110	A49	04.11-	113932	12 0.85
		04.11-	114354	14 150		04.11-	115361	12 1.0
		04.11-	114879	14 90				
		04.11-	115766	14 110				
		04.11-	116048	14 110				
		04.11-	116175	14 90				
Lodgy 1.2 TCe	[H5F402]	04.11-	116208	14 90				
		03.12-	116095	14 90		03.12-	113932	12 0.85
		03.12-	116174	14 90		03.12-	115361	12 1.0
		03.12-	116182	14 120		03.12-	116367	12 1.7
Lodgy 1.5 Blue dCi 115	[K9K872]	08.18-	113862	14 125	A49	08.18-	113897	12 1.4
		08.18-	116234	14 125		08.18-	116262	12 0.8
		08.18-	116325	14 125				
Lodgy 1.5 Blue dCi 95	[K9K872]	08.18-	113862	14 125	A49	08.18-	113897	12 1.4
		08.18-	116234	14 125		08.18-	116277	12 0.9
		08.18-	116325	14 125				
Lodgy 1.5 DCi	[K9K612]	03.12-	115903	14 120		03.12-	113932	12 0.85
		03.12-	116609	14 125				
	[K9K666]	06.15-	115651	14 210		06.15-	113897	12 1.4
	[K9K846]	06.10-	115651	14 210		06.10-	113897	12 1.4
		01.13-	115903	14 120		01.13-	113932	12 0.85
		01.13-	116562	14 120				
Lodgy 1.6 LPG	[K7M812]	11.13-	116174	14 90		11.13-	116367	12 1.7
		11.13-	116790	14 110				
	[K7M828]	11.13-	116174	14 90		11.13-	116367	12 1.7
		11.13-	116790	14 110				
Lodgy 1.6	[K7MA8]	03.12-	116174	14 90		03.12-	115361	12 1.0
		03.12-	116790	14 110				
Logan 0.9	[H4B410]	09.15-	116095	14 90				
		09.15-	116240	14 125				
Logan 0.9 TCe	[H4B400]	10.12-	116095	14 90				
		10.12-	116174	14 90				
		10.12-	116182	14 120				
Logan 1.1 16V	[D4F734]	02.06-	115549	14 95		02.06-	115629	12 1.0
Logan 1.1	[D4F732]	05.15-	115549	14 95				
Logan 1.1 16V	[D4F732]	02.06-	115549	14 95		02.06-	115442	12 0.8
Logan 1.1 LPG LPG	[D4F734]	02.13-	115549	14 95				
		02.13-	116299	14 90				
Logan 1.2 LPG	[D4F734]	10.12-	115549	14 95	VA			
		10.12-	116299	14 90	BO			
Logan 1.2	[D4F732]	10.12-	115549	14 95	VA	10.12-	115442	12 0.8
		10.12-	116299	14 90	BO			
Logan 1.4 MPI	[K7J710]	02.06-	112144	14 98		02.06-	113897	12 1.4
		02.06-	115655	14 110				
		02.06-	115656	14 70				
	[K7J714]	02.06-	112144	14 98		02.06-	113897	12 1.4
		02.06-	112199	14 75		02.06-	114095	12 0.85
		02.06-	115655	14 110				
Logan 1.4	[K7J710]	02.06-	115656	14 70				
		02.07-	112144	14 98		02.07-	113897	12 1.4
		02.07-	112199	14 75		02.07-	114095	12 0.85
		02.07-	115655	14 110				
Logan 1.4 Express	[K7J710]	02.07-	115656	14 70				
		03.09-	112144	14 98		03.09-	113897	12 1.4
		03.09-	112199	14 75		03.09-	114095	12 0.85
		03.09-	115655	14 110				
Logan 1.4 i	[K7J710]	03.09-	115656	14 70				
		09.04-	115655	14 110		07.04-	111641	12 0.7
		09.04-	115656	14 70		07.04-	113897	12 1.4
		PS 07.04-	112199	14 75				
Logan 1.5 Blue dCi 95	[K9K872]	ACPS 07.04-	112144	14 98				
		05.18-	116234	14 125				
Logan 1.5 dCi	[K9K612]	10.12-	115903	14 120				
		10.12-	116609	14 125				
		02.13-	116234	14 125				
	[K9K790]	09.05-	113862	14 125	A49	09.05-	113897	12 1.4
		09.05-	114673	14 120		09.05-	114180	12 0.8
		09.05-	116325	14 125				
	[K9K792]	01.06-	113862	14 125	A49	01.06-	113897	12 1.4
		01.06-	114673	14 120		01.06-	114180	12 0.8
		01.06-	116325	14 125		03.08-	113927	12 1.4
	[K9K796]	09.07-	113862	14 125	A49	09.07-	113897	12 1.4
		09.07-	116325	14 125		03.08-	113932	12 0.85
		01.13-	116609	14 125				
Logan 1.5 DCi Express	[K9K830]	05.10-	113862	14 125	A49	05.10-	113932	12 0.85
		05.10-	113940	14 110	A47			
		05.10-	116048	14 110				
		05.10-	116325	14 125				
Logan 1.5 DCi MCV	[K9K792]	03.09-	113862	14 125	A49	03.09-	113897	12 1.4
		03.09-	114673	14 120		03.09-	114180	12 0.8
		03.09-	116325	14 125				
Logan 1.5 DCi Express	[K9K796]	03.09-	113862	14 125	A49	03.09-	113927	12 1.4
		03.09-	116325	14 125				
Logan 1.6 LPG	[K7M710]	09.07-	113862	14 125	A49	09.07-	113897	12 1.4
		09.07-	116325	14 125				
Logan 1.6 16V Flex	[K4M696]	11.08-	112144	14 98		11.08-	113897	12 1.4
		11.08-	112199	14 75		11.08-	114095	12 0.85
		11.08-	115655	14 110				
		11.08-	115656	14 70				
Logan 1.6 16V Flexifuel	[K4M690]	01.11-	113940	14 110	A47	01.11-	113932	12 0.85
		01.11-	114879	14 90		01.11-	116367	12 1.7
		01.11-	115766	14 110				
		01.11-	116048	14 110				
		01.11-	116208	14 90				
Logan 1.6 16V Flexifuel	[K4M690]	11.09-	113940	14 110	A47	11.09-	113932	12 0.85
		11.09-	115766	14 110				
		11.09-	116048	14 110				
		11.09-	116208	14 90				



DACIA Continued

	[K4M694]	11.09-	113940	14 110 A47	11.09-	113932	12 0.85
		11.09-	115766	14 110			
		11.09-	116048	14 110			
		11.09-	116208	14 90			
Logan 1.6 Flexfuel	[K7M718]	05.10-	114879	14 90	05.10-	114180	12 0.8
	[K7M800]	05.10-	114879	14 90	05.10-	114180	12 0.8
Logan 1.6	[K7M710]	02.07-	112144	14 98	02.07-	113897	12 1.4
		02.07-	112199	14 75	02.07-	114095	12 0.85
		02.07-	115655	14 110			
		02.07-	115656	14 70			
	[K7M812]	06.13- 08.16	116174	14 90			
Logan 1.6 Express	[K7M710]	03.09-	112144	14 98	03.09-	113897	12 1.4
		03.09-	115655	14 110			
		03.09-	115656	14 70			
Logan 1.6 16V	[K4M690]	02.06-	112144	14 98	02.06-	113897	12 1.4
		02.06-	115766	14 110			
		02.06-	116208	14 90			
	[K4M696]	02.06-	112144	14 98	02.06-	113897	12 1.4
		02.06-	115766	14 110			
		02.06-	116208	14 90			
Logan 1.6 16V MCV	[K4M690]	02.07-	115766	14 110			
		02.07-	116208	14 90			
	[K4M696]	02.07-	115766	14 110			
		02.07-	116208	14 90			
Logan 1.6 i	[K7M710]	09.04-	115655	14 110	07.04-	114095	12 0.85
		PS 07.04-	112199	14 75	07.04-	113897	12 1.4
		ACPS 07.04-	112144	14 98			
Logan 1.6 MPI 85	[K7M800]	05.10-	114879	14 90	05.10-	114180	12 0.8
Logan 1.6 LPG LPG	[K7M718]	08.04- 03.11	112144	14 98	08.04- 03.11	113897	12 1.4
		08.04- 03.11	112199	14 75	08.04- 03.11	114095	12 0.85
		08.04- 03.11	115655	14 110			
		08.04- 03.11	115656	14 70			
	[K7M818]	05.10- 12.12	114879	14 90	05.10- 12.12	116277	12 0.9
		05.10- 12.12	116217	14 110			
Logan Express 1.5 dCi dCi (FS0Y FS00 FS0J)	[K9K794]	10.07- 12.12	113862	14 125 A49	10.07- 12.12	113897	12 1.4
		10.07- 12.12	113940	14 110 A49	10.07- 12.12	113927	12 1.4
		10.07- 12.12	116048	14 110			
		10.07- 12.12	116325	14 125			
Logan MCV 0.9 TCe 90	[H4B410]	09.15-	116095	14 90	09.15-	113932	12 0.85
		09.15-	116174	14 90	09.15-	116367	12 1.7
Logan MCV 0.9 TCe 90	[H4B400]	02.13-	116095	14 90	02.13-	113932	12 0.85
		02.13-	116182	14 120			
Logan MCV 1.1 LPG	[D4F734]	02.13-	115549	14 95	02.13-	114095	12 0.85
Logan MCV 1.1	[D4F732]	02.13-	115549	14 95	02.13-	114095	12 0.85
Logan MCV 1.1 LPG LPG	[D4F734]	02.13-	115549	14 95	02.13-	114095	12 0.85
		02.13-	116299	14 90			
Logan MCV 1.5 Blue dCi 95	[K9K872]	10.18-	116234	14 125			
Logan MCV 1.5 dCi	[K9K612]	02.13-	115903	14 120	02.13-	113897	12 1.4
		02.13-	116609	14 125			
Logan MCV 1.6	[K7M718]	05.10-	114879	14 90	05.10-	111641	12 0.7
		05.10-	116217	14 110			
	[K7M812]	06.13-	116174	14 90	06.13-	116262	12 0.8
		06.13-	116175	14 90	06.13-	115629	12 1.0
Logan Pickup 1.6 16V	[K4M690]	01.10- 08.13	116208	14 90			
Sandero 0.9 TCe 90	[H4B410]	09.15-	116095	14 90			
		09.15-	116174	14 90			
Sandero 0.9 TCe 90	[H4B400]	10.12-	116182	14 120			
		01.13-	116095	14 90			
Sandero 1.1 LPG	[D4F732]	01.13-	115549	14 95			
Sandero 1.1	[D4F732]	01.13-	115549	14 95			
Sandero 1.2 Flexfuel	[D4F732]	11.08-	115549	14 95			
Sandero 1.2 16V	[D4F732]	11.08-	115549	14 95	11.08-	115629	12 1.0
Sandero 1.4 MPI LPG	[K7J714]	01.09-	112144	14 98	01.09-	113897	12 1.4
		01.09-	112199	14 75	01.09-	114095	12 0.85
		01.09-	114879	14 90	01.09-	113932	12 0.85
		01.09-	115655	14 110			
		01.09-	115656	14 70			
Sandero 1.4	[K7J710]	06.08-	112144	14 98	06.08-	114095	12 0.85
		06.08-	112199	14 75			
		06.08-	115655	14 110			
		06.08-	115656	14 70			
Sandero 1.5 Blue dCi 95	[K9K872]	08.18-	116234	14 125			
Sandero 1.5 dCi	[K9K612]	01.13-	116609	14 125			
	[K9K790]	11.08-	113862	14 125 A49	11.08-	113897	12 1.4
		11.08-	113940	14 110	11.08-	113932	12 0.85
		11.08-	114673	14 120			
		11.08-	116048	14 110			
		11.08-	116325	14 125			
	[K9K792]	11.08-	113862	14 125 A49	11.08-	113897	12 1.4
		11.08-	113940	14 110 A49	11.08-	113927	12 1.4
		11.08-	114673	14 120	11.08-	113932	12 0.85
		11.08-	116325	14 125			
	[K9K796]	11.08-	113862	14 125 A49	11.08-	113897	12 1.4
		11.08-	113940	14 110 A49	11.08-	113932	12 0.85
		11.08-	116325	14 125			
	[K9K892]	05.10-	113862	14 125 A49	05.10-	113897	12 1.4
		05.10-	113940	14 110 A47	05.10-	113932	12 0.85
		05.10-	116048	14 110			
		05.10-	116325	14 125			
Sandero 1.6 Flexfuel	[K4M690]	01.11-	113940	14 110 A47	01.11-	113932	12 0.85
		01.11-	114879	14 90	01.11-	114180	12 0.8
		01.11-	115766	14 110			
		01.11-	116048	14 110			
		01.11-	116208	14 90			
	[K4M694]	01.11-	113940	14 110 A47	01.11-	113932	12 0.85
		01.11-	114879	14 90	01.11-	114180	12 0.8
		01.11-	115766	14 110			
		01.11-	116048	14 110			
		01.11-	116208	14 90			



	[K4M696]	01.11- 01.11- 01.11- 01.11- 01.11-	113940 114879 115766 116048 116208	14 110 A47 14 90 14 110 14 110 14 90	01.11- 01.11-	113932 116367	12 0.85 12 1.7
Sandero 1.6	[K7M818]	05.10- 10.12	114879	14 90	05.10- 10.12 01.11- 12.12	115442 116262	12 0.8 12 0.8
Sandero 1.6	[K7M710]	06.08- 06.08- 06.08-	112199 115655 115656	14 75 14 110 14 70	06.08-	114095	12 0.85
	[K7M812]	11.12- 11.12-	116174 116790	14 90 14 110			
Sandero 1.6 16V	[K4M690]	07.11- 07.11- 07.11- 07.11- 07.11-	113940 114879 115766 116048 116208	14 110 A47 14 90 14 110 14 110 14 90	07.11- 07.11-	113932 114180	12 0.85 12 0.8
Sandero 1.6 MPI 85	[K7M800]	05.10-	114879	14 90	05.10-	114180	12 0.8
Sandero 1.6 LPG LPG	[K7M718]	06.08- 12.12 06.08- 12.12 06.08- 12.12 06.08- 12.12	112144 112199 115655 115656	14 98 14 75 14 110 14 70	06.08- 12.12 06.08- 12.12	113897 114095	12 1.4 12 0.85
Shifter 1.9 Diesel		02.00- 05.08	111718	14 75	02.00- 05.08	113930	12 1.4
PASSENGER CARS AO							
I210 1.2					06.83- 12.94	110367	12 1.0
Daewoo							
PASSENGER CARS EU							
Avia A						113269	12 3.0
Espero 1.5 16V	[A15MF]	02.92- 01.98	111846	14 80	02.92- 01.98 02.95- 06.99	111123 111684	12 0.9 12 1.4
Evanda 2.0	[L88]				08.02- 01.05	111848	12 1.0
	[X20SED]				08.02-	111848	12 1.0
Kalos 1.2	[B1251]	04.03-	115366	14 80			
	[F1253]	04.03- 01.05	115366	14 80			
Kalos 1.4	[F1453]	09.02-	114350	14 85	09.02- 11.02- 12.04	111123 113860	12 0.9 12 0.8
Kalos 1.4 16V	[F14D3]	04.03-	114350	14 85	04.03-	111123	12 0.9
Korando 2.0 16V	[M161.950]	02.99-	112578	14 75			
Korando 2.3	[M161.970]	02.99-	112578	14 75			
	[M161.E23]	07.96-	112530	14 120	07.96-	111347	12 1.2
Korando 2.9 Diesel	[OM662]	01.99- 02.99- 02.99-	112578 112529 116129	14 75 14 90 14 90 A49	01.99- 02.99-	111065 111347	12 2.2 12 1.2
Korando 2.9 TD	[OM60129TD]	01.99-	112578	14 75	01.99-	111065	12 2.2
Korando 3.2	[M104.995]	01.99-	112578	14 75	01.99-	111065	12 2.2
Lacetti 1.4	[F14D3]	02.04-	114350	14 85	02.04-	111123	12 0.9
Lacetti 1.6	[F16D3]	02.04- 02.04-	114350 114412	14 85 14 85	02.04- 02.04-	111123 111848	12 0.9 12 1.0
Lacetti Hatch 1.4	[F14D3]	06.02- 12.04	114412	14 85	06.02- 12.04	113276	12 1.1
Lanos 1.4	[A14SMS]	05.97-	113350	14 85	05.97-	111123	12 0.9
Lanos 1.5	[A15SMS]	05.97-	113350	14 85	05.97-	111123	12 0.9
Lanos 1.6 16V	[A16DMS]	05.97-	113350	14 85	05.97- 05.97-	111123 111684	12 0.9 12 1.4
Leganza 2.0	[T20SED]				01.01- 12.02	111848	12 1.0
Leganza 2.0 16V	[T20SED]				07.00-	111848	12 1.0
	[X20SED]				06.97-	111848	12 1.0
Leganza 2.2 16V	[T22SED]				04.99- 12.02	111848	12 1.0
Lublin 2.4 Diesel	[4CT90-1]	04.97-	116168	14 105			
Lublin 2.4 TD	[4CT90-1]	04.97-	116168	14 105			
Matiz 0.8	[F8CV]	09.98-	114114	14 65	09.98-	111849	12 0.8
Matiz 1.0	[B10S]	01.03-	114114	14 65	01.03- 04.03- 12.04	111849 113860	12 0.8 12 0.8
Musso 2.3 TD	[OM601]	09.99-	112578	14 75			
Musso 2.3	[M111.970]	01.99-	112578	14 75	01.99-	111347	12 1.2
Musso 2.9 Diesel	[OM662]	01.99-	112578	14 75	01.99-	111065	12 2.2
Musso 2.9 TD	[OM60129TD]	01.99-	112578	14 75	01.99-	111065	12 2.2
Musso 3.2	[M104.992]	01.99-	112578	14 75	01.99-	111347	12 1.2
Nexia 1.5	[G15MF]	02.95- 01.98	111846	14 80	02.95- 01.98 08.96- 08.97 08.96- 08.97	111123 111684 113276	12 0.9 12 1.4 12 1.1
Nexia 1.5 16V	[A15MF]	02.95-	111846	14 80	02.95- 02.95- 08.97	111123 111684	12 0.9 12 1.4
Nubira 1.4	[F14D3]	10.03- 12.04	114350	14 85	10.03- 12.04	111123	12 0.9
Nubira 1.6	[A16DMS]	05.97- 07.03	113349	14 85	05.97- 07.03 05.97- 07.03	111123 111684	12 0.9 12 1.4
	[F16D3]	07.03- 07.03-	114350 114412	14 85 14 85	07.03- 07.03-	111123 111848	12 0.9 12 1.0
Nubira 1.6 16V	[A16DMS]	07.00-	113349	14 85	07.00-	111123	12 0.9
Nubira 1.8	[T18SED]	07.03-	114350	14 85	07.03-	111123	12 0.9
		07.03-	114412	14 85	07.03-	111848	12 1.0
Nubira 2.0	[X20SED]				06.99- 07.02	111848	12 1.0
Orion Wagon 2.0	[X20SED]				03.00- 12.02	111848	12 1.0
Rexton 2.9 TD	[OM662.983]	04.02-	112578	14 75			
Rexton 3.2 V6	[M162.992]	04.02-	112578	14 75			
Rezzo 1.6	[A16DMS]	02.02- 12.04	113349	14 85	02.02- 12.04	111123	12 0.9
Rezzo/Tacuma 1.6	[A16DMS]	09.00-	113349	14 85	09.00- 09.00- 01.05	111123 112431	12 0.9 12 1.1
Rezzo/Tacuma 1.8	[A18DMS]				09.00- 01.05	111123	12 0.9
	[F18D2]				09.00-	111123	12 0.9
Rezzo/Tacuma 2.0	[T20SED]				09.00- 01.05	111848	12 1.0
	[X20SED]				09.01- 01.05	111848	12 1.0
PASSENGER CARS US							
Leganza 2.2					01.99- 01.00	111848	12 1.0
Nubira 2.0					01.99- 01.00	111848	12 1.0
PASSENGER CARS AO							
Aranos 1.5	[V15L]				01.95- 11.97	111123	12 0.9
Cielo 1.5	[V15L]				06.94-	111123	12 0.9
Lacetti 1.8 CDX	[T18SED]	08.03- 12.04	114350	14 85			
Winstorm 3.2 Executive 4WD	[Z32SEE]	12.06-	114235	14 120			



DAEWOO Continued

FORK LIFTS											
Various Models										110573	12 2.0
										112502	24 4.5
										112344	12 2.5
										111709	12 2.2
										113456	24 6.0
INDUSTRY											
Various Models				115445	28 60					116626	24 7.0
DAF											
PASSENGER CARS EU											
66 Marathon 1.3 1300	[B13,0S]		09.73- 08.75	110899	14 33			09.73- 08.75	110367	12 1.0	
PASSENGER CARS US											
55 1.1								01.68-	110367	12 1.0	
MARINE											
DD515				113477	28 55						
DD575				110052	28 40						
DF615				113477	28 55						
				110052	28 40						
DT615				113477	28 55						
Various Models				110173	28 75						
Daihatsu											
PASSENGER CARS EU											
1200 1.2	[3K]							11.74- 02.78	110421	12 0.8	
Bego 1.5 LPG	[3SZ-VE]	06.09-		116509	14 80			06.09-	115784	12 0.8	
Charade 1.0	[CB20]	10.77- 02.81		110258	14 35			11.78- 02.81	115613	12 1.0	
		11.78- 02.81		110138	14 40						
		04.83- 03.87		110374	14 45						
	[CB22]	04.83- 03.87		110374	14 45						
	[CB23]	03.87- 11.90		110374	14 45						
	[CB90]	04.89- 10.90		110374	14 45						
Charade 1.0 GTi	[CB80T]	03.87- 12.92		110374	14 45						
Charade 1.0 Turbo	[CB60]	10.83- 03.87		110374	14 45						
	[CB61]	03.87- 10.90		110374	14 45						
Charade 1.05	[CB22]	02.81- 02.83		110138	14 40						
Charade 1.3	[HC]	09.96-		111610	14 45						
Charade 1.3 16V	[1NR-FE]	A25 05.11-		114897	14 80	A49					
	[HCE]	01.93-		111610	14 45						
Charade 1.3 i	[HCE]	11.90- 12.92		111610	14 45						
Charade 1.3 i 4WD	[HCE]	11.90- 01.93		111610	14 45						
Charade 1.5 i 16V	[HEE]	06.94- 11.99		111610	14 45						
Charade 1.6 GTi	[HD-E]	04.94- 08.96		111610	14 45						
Charmant 1.3	[4K]	03.78- 07.81		110138	14 40						
Charmant 1.6	[2T]	03.78- 07.81		110138	14 40						
Copen 1.3	[K3-VE]							03.06-	115784	12 0.8	
Cuore 0.6	[AD10]	05.76- 09.80		110137	14 30			05.76- 09.80	116776	12 1.0	
Cuore 0.8	[ED10]	09.85- 06.90		111048	14 40						
		09.85- 06.90		113921	14 40						
Cuore 0.8 4WD	[ED10]	09.86- 10.88		111048	14 40						
		09.86- 10.88		113921	14 40						
Cuore 0.85	[ED20]	01.95-		111048	14 40						
		01.95- 11.96		113921	14 40						
Cuore 1.0	[EJ-VE]	03.03-		113306	14 60						
Cuore 1.0	[EJ-DE,EJ-VE]	11.98- 12.02		113306	14 60						
Feroza 1.6 16V	[HDC]	10.88-		111437	14 45						
Feroza 1.6 i 16V	[HD-E]	10.88-		111437	14 45						
Grand Move 1.5 16V	[HEEG]	11.96- 03.00		111610	14 45						
Hijet 0.8	[CD]	06.86- 01.92		111048	14 40			06.86-	114851	12 0.8	
		06.86- 01.92		113921	14 40						
Hijet 1.0	[CB]	06.86- 11.92		111048	14 40			06.86- 11.92	114851	12 0.8	
		06.86- 11.92		113921	14 40						
	[CB41]	12.92-		111048	14 40			12.92-	114851	12 0.8	
		12.92- 05.98		113921	14 40						
Hijet 1.3	[HCE]	06.98-		111437	14 45						
Hijet 1.3 4WD	[HCE]	10.01- 06.04		111437	14 45						
Hijet Mk 2 Minibus 1.3	[HCE]	08.98-		111437	14 45			08.98-	114851	12 0.8	
Materia 1.3	[K3-VE]	10.06-		116509	14 80			10.06-	115784	12 0.8	
Materia 1.5	[3SZ-VE]	10.06-		116509	14 80			10.06-	115784	12 0.8	
Materia 1.5 ECO 4WD	[3SZ-VE]	10.06-		116509	14 80			10.06-	115784	12 0.8	
Materia 1.5 LPG	[3SZ-VE]	01.10- 12.11		116509	14 80			01.10- 12.11	115784	12 0.8	
Move 0.9	[ED20]	10.96-		110258	14 35						
Move 1.0 i	[EJ-DE]	10.98- 09.00		113306	14 60						
Pyzar 1.5 16V	[HEEG]	03.97- 10.98		111610	14 45						
Rocky 2.0	[3Y]	02.87- 04.93		111428	14 60			02.87- 04.93	110397	12 1.0	
Rocky 2.8 Diesel	[DL]							12.87-	111525	12 2.2	
Rocky 2.8 TD	[DL51]							12.87- 04.93	111525	12 2.2	
	[DL52]							09.91-	111525	12 2.2	
	[DLT]							09.91-	111525	12 2.2	
	[DLT-C]							05.93- 12.98	110397	12 1.0	
								05.93- 12.98	111525	12 2.2	
Sirion 1.0 i	[EJ-DE]	04.98-		113306	14 60			04.98-	115784	12 0.8	
	[EJ-VE]	09.00-		113306	14 60			09.00-	115784	12 0.8	
Sirion 1.0 i 4WD	[EJ-DE]	AT 04.98- 05.00		113306	14 60			04.98- 05.00	116776	12 1.0	
	[EJ-VE]	05.00- 12.01		113306	14 60			05.00- 12.01	115784	12 0.8	
Sirion 1.3 Sport	[K3-VE2]	08.00- 01.05		115929	14 70			08.00- 01.05	115784	12 0.8	
Sirion 1.3 Sport 4WD	[K3-VE2]	08.00- 01.05		115929	14 70			08.00- 01.05	115784	12 0.8	
		01.98- 08.04		113306	14 60						
Sirion 1.5	[3SZ-VE]	03.08-		116509	14 80			03.08-	115784	12 0.8	
Terios 1.3	[K3-VE]	09.01- 10.05		115929	14 70			09.01- 10.05	115784	12 0.8	
Terios 1.3 4WD	[K3-VE]	10.00- 10.05		115929	14 70			10.00- 10.05	115784	12 0.8	
Terios 1.5 16V 4WD	[3SZ-VE]	05.06-		116509	14 80			05.06-	115784	12 0.8	
Terios 1.5 DVVT 4x4	[3SZ-VE]	09.10-		116509	14 80						
Terios 1.5 DVVT RWD	[3SZ-VE]	09.10-		116509	14 80						
YRV 1.3	[K3-VE]	02.01-		115929	14 70			02.01-	115784	12 0.8	
YRV 1.3 4WD	[K3-VE]	02.01-		115929	14 70			02.01-	115784	12 0.8	
YRV 1.3 Turbo	[K3-VET]	07.02-		115929	14 70			07.02-	115784	12 0.8	
PASSENGER CARS AO											
Rocky 2.2 4WD	[4Y]							05.93-	110397	12 1.0	
Rush 1.5	[3SZ-VE]	11.05-		116509	14 80			11.05-	115784	12 0.8	
Rush 1.5 4x4	[3SZ-VE]	11.05-		116509	14 80			11.05-	115784	12 0.8	
Terios 1.3 DVVT Turbo 4WD								10.02- 10.05	115784	12 0.8	



Terios 1.3 DVVT 4x4	[K3-VE]				11.05-	115784	12	0.8
INDUSTRY								
Various Industrial applications	[Caterpillar]	114683	28	80				
Detroit								
MOTORS								
Various Models						112652	24	4.5
Dodge								
PASSENGER CARS EU								
Avenger 2.0 CRD	[ECD]				06.07-	114217	12	2.0
Avenger 2.0	[ECN]	06.07-	115925	14	115	06.07-	115448	12 1.4
Avenger 2.4	[ED3]	06.07-	115925	14	115	06.07-	115448	12 1.4
	[EDG]	06.07-	115925	14	115	06.07-	115448	12 1.4
Caliber 1.8	[EBA]	06.06-	115925	14	115	06.06-	114217	12 2.0
Caliber 2.0 CRD	[ECD]	06.06- 11.11	113884	14	150	06.06- 11.11	115448	12 1.4
						06.06- 11.11	114217	12 2.0
Caliber 2.0 Diesel	[ECD]	06.06- 11.11	113884	14	150	06.06- 11.11	115448	12 1.4
						06.06- 11.11	114217	12 2.0
Caliber 2.0	[ECN]	06.06-	115925	14	115	06.06-	115448	12 1.4
Caliber 2.4	[ED3]	10.06-	115925	14	115	10.06-	115448	12 1.4
	[ED4]	12.07-	115925	14	115	12.07-	114217	12 2.0
Caravan 3.0	[EFA]	01.95-	113235	14	130	01.95-	112454	12 2.2
Caravan 3.3	[EGA]	02.00- 01.06	113803	14	160			
Caravan 3.3 4WD	[EGA]	02.00- 01.06	113803	14	160			
Caravan 3.3 i	[EGP]	01.95- 12.98	113235	14	130	01.95- 12.98	111492	12 1.4
Caravan 3.8	[EGH]	01.01- 01.06	113803	14	160			
Caravan 3.8 4WD	[EGH]	01.01- 01.06	113803	14	160			
Caravan 3.8 i	[EGH]	01.95- 12.98	113235	14	130	01.95- 12.98	111492	12 1.4
Caravan 3.8 i 4WD	[EGH]	01.95- 12.98	113235	14	130	01.95- 12.98	111492	12 1.4
Dart 2.4	[ED6]	04.12-	116662	14	160			
Journey 2.0 CRD	[ECE]	06.08-	116038	14	180	06.08-	114217	12 2.0
Journey 2.4 ECO+	[EDG]	03.09-	116037	14	160	03.09-	115448	12 1.4
Journey 2.4	[ED3]	01.09-	116037	14	160	01.09-	115448	12 1.4
	[EDG]	01.12-	116037	14	160	01.12-	115448	12 1.4
Journey 3.6	[ERB]	01.12-	116599	14	150			
Journey Van 2.0 CRD	[ECE]	06.08- 12.11	113884	14	150	06.08- 12.11	115448	12 1.4
		06.08- 12.11	116038	14	180	06.08- 12.11	114217	12 2.0
Neon 2.0 16V	[ECB]	08.99-	116020	14	100	08.99-	116644	12 1.2
	[ECH]	08.99-	116020	14	100			
Nitro 2.8 CRD	[ENR]	06.07-	115701	14	220	06.07-	116553	12 1.7
					AT	06.07-	116554	12 2.5
	[ENS]	06.07-	115701	14	220	06.07-	116553	12 1.7
					AT	06.07-	116554	12 2.5
Nitro 2.8 CRD 4x4	[ENR]	06.07-	115701	14	220	06.07-	116553	12 1.7
	[ENS]	06.07-	115701	14	220	06.07-	116553	12 1.7
					AT	06.07-	116554	12 2.5
Nitro 3.7 V6 4WD	[EKG]	06.07- 12.12	116659	14	160	AT	06.07- 12.12	116554 12 2.5
Nitro Van 2.8 CRD	[ENS]	06.07- 12.11	115701	14	220	06.07- 12.11	116553	12 1.7
Nitro Van 2.8 CRD 4WD	[ENR,ENS]	10.06- 12.10	115701	14	220	10.06- 12.10	116553	12 1.7
Nitro Van 3.7 4WD	[EKG]	10.06- 12.10	116659	14	160			
Stratus 2.4 16V	[EDZ]	12.95- 04.01	114511	14	120	12.95- 04.01	112846	12 1.4
PASSENGER CARS US								
330 4.5		01.64- 01.64	110074	14	60	01.64- 01.64	110223	12 1.1
330 5.2		01.63- 01.64	110074	14	60	01.63- 01.64	110223	12 1.1
330 5.9		01.64- 01.64	110074	14	60	01.64- 01.64	110223	12 1.1
330 6.3		01.64- 01.64	110074	14	60			
330 6.8		01.63- 01.63	110074	14	60			
330 7.0		01.63- 01.64	110074	14	60			
440 4.5		01.64- 01.64	110074	14	60	01.64- 01.64	110223	12 1.1
440 5.2		01.63- 01.64	110074	14	60	01.63- 01.64	110223	12 1.1
440 5.9		01.64- 01.64	110074	14	60	01.64- 01.64	110223	12 1.1
440 6.3		01.64- 01.64	110074	14	60			
440 6.8		01.63- 01.63	110074	14	60			
440 7.0		01.63- 01.64	110074	14	60			
880 4.5		01.64- 01.64	110074	14	60	01.64- 01.64	110223	12 1.1
880 5.2		01.63- 01.64	110074	14	60	01.63- 01.64	110223	12 1.1
880 5.9		01.63- 01.64	110074	14	60	01.63- 01.64	110223	12 1.1
880 6.3		01.63- 01.64	110074	14	60			
880 6.8		01.63- 01.63	110074	14	60			
880 7.0		01.63- 01.64	110074	14	60			
2000 2.0 GTX		01.89-	110802	14	75			
		01.89-	110804	14	90			
A100 2.8						01.65- 01.67	110223	12 1.1
		01.68- 01.69	110074	14	60			
A100 2.8 Sportsman		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12 1.1
A100 3.7						01.65- 01.67	110223	12 1.1
		01.68- 01.69	110074	14	60			
A100 3.7 Sportsman		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12 1.1
A100 4.5						01.64- 01.67	110223	12 1.1
		01.64- 01.67	110074	14	60			
A100 5.2						01.67- 01.67	110223	12 1.1
		01.68- 01.69	110074	14	60			
A100 5.2 Sportsman		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12 1.1
A108 2.8		01.67- 01.69	110074	14	60	01.67- 01.69	110223	12 1.1
A108 3.2						01.70- 01.70	110223	12 1.1
A108 3.7						01.70- 01.70	110223	12 1.1
		01.67- 01.69	110074	14	60			
Aspen 3.7						01.76- 01.80	110223	12 1.1
Aspen 3.7 Custom						01.76- 01.77	110223	12 1.1
Aspen 3.7 Special Edition						01.76- 01.77	110223	12 1.1
Aspen 5.2						01.76- 01.80	110223	12 1.1
Aspen 5.2 Custom						01.76- 01.77	110223	12 1.1
Aspen 5.2 Special Edition						01.76- 01.77	110223	12 1.1
B100 3.2						01.71-	110223	12 1.1
B100 3.7						01.71- 01.79	110223	12 1.1
B100 3.7 Sportsman						01.71- 01.78	110223	12 1.1
B100 5.2						01.71- 01.80	110223	12 1.1
B100 5.2 Sportsman						01.71- 01.80	110223	12 1.1
B150 3.7						01.83- 01.87	110223	12 1.1
B150 3.7 Sportsman						01.83- 01.87	110223	12 1.1
B150 3.9		01.88- 01.94	111193	14	90	01.88- 01.94	110223	12 1.1



DODGE Continued

B150 3.9 Sportsman	01.88- 01.94	111193	14	90	01.88- 01.94	110223	12	1.1
B150 5.2					01.83- 01.87	110223	12	1.1
B150 5.2 Sportsman	01.88- 01.94	111193	14	90				
					01.81- 01.82	110223	12	1.1
B1500 3.9	01.88- 01.94	111193	14	90				
B1500 5.2	01.98- 01.98	113071	14	136	01.98- 01.98	111764	12	1.4
B1500 5.2 Sportsman	01.98- 01.98	113071	14	136	01.98- 01.98	111764	12	1.4
B1500 5.2 Sportsman					01.95- 01.97	111764	12	1.4
B1500 5.9	01.98- 01.98	113071	14	136	01.98- 01.98	111764	12	1.4
B200 3.2					01.71-	110223	12	1.1
B200 3.7					01.71- 01.78	110223	12	1.1
B200 3.7 Maxi					01.72- 01.78	110223	12	1.1
B200 3.7 Sportsman					01.71- 01.78	110223	12	1.1
B200 5.2					01.71- 01.80	110223	12	1.1
B200 5.2 Maxi					01.72- 01.80	110223	12	1.1
B200 5.2 Sportsman					01.71- 01.80	110223	12	1.1
B250 3.7 Sportsman					01.83- 01.87	110223	12	1.1
B250 3.9	01.88- 01.94	111193	14	90	01.88- 01.94	110223	12	1.1
B250 3.9 Sportsman	01.88- 01.94	111193	14	90	01.88- 01.94	110223	12	1.1
B250 5.2					01.83-	110223	12	1.1
B250 5.2 Sportsman	01.88- 01.94	111193	14	90				
					01.83- 01.87	110223	12	1.1
B250 5.2	01.88- 01.94	111193	14	90				
B250 5.2 Sportsman					01.92- 01.94	111764	12	1.4
B250 5.9	01.88-	111193	14	90	01.88-	110223	12	1.1
B250 5.9 Sportsman	01.88-	111193	14	90	01.88-	110223	12	1.1
B2500 3.9	01.98- 01.98	113071	14	136	01.98- 01.98	111764	12	1.4
B2500 3.9 Sportsman					01.95- 01.97	111764	12	1.4
B2500 5.2	01.98- 01.98	113071	14	136	01.98- 01.98	111764	12	1.4
B2500 5.2 Sportsman					01.95- 01.97	111764	12	1.4
B2500 5.2 Sportsman					01.95- 01.97	111764	12	1.4
B2500 5.9	01.98- 01.98	113071	14	136	01.98- 01.98	111764	12	1.4
B2500 5.9 Sportsman					01.95- 01.97	111764	12	1.4
B300 3.7					01.71- 01.78	110223	12	1.1
B300 3.7 Maxi					01.72- 01.79	110223	12	1.1
B300 3.7 Sportsman					01.71- 01.73	110223	12	1.1
B300 5.2					01.71- 01.80	110223	12	1.1
B300 5.2 Maxi					01.72- 01.80	110223	12	1.1
B300 5.2 Sportsman					01.71- 01.80	110223	12	1.1
B350 5.2	01.88- 01.94	111193	14	90	01.88- 01.94	110223	12	1.1
B350 5.2 Sportsman	01.88- 01.94	111193	14	90	01.88- 01.94	110223	12	1.1
B350 5.2					01.92- 01.94	111764	12	1.4
B350 5.2 Sportsman					01.92- 01.94	111764	12	1.4
B350 5.9	01.88-	111193	14	90	01.88-	110223	12	1.1
B350 5.9 Sportsman	01.88-	111193	14	90	01.88-	110223	12	1.1
B3500 5.2	01.98- 01.98	113071	14	136	01.98- 01.98	111764	12	1.4
B3500 5.2 Sportsman					01.95- 01.97	111764	12	1.4
B3500 5.2 Sportsman					01.95- 01.97	111764	12	1.4
B3500 5.9	01.98- 01.98	113071	14	136	01.98- 01.98	111764	12	1.4
B3500 5.9 Sportsman					01.95- 01.97	111764	12	1.4
Caliber 2.4	[ED3] 10.06-	115925	14	115				
Caravan 2.5	01.92- 01.95	111193	14	90	01.92- 01.95	111492	12	1.4
Caravan 2.5 C/V	01.92- 01.95	111193	14	90	01.92- 01.95	111492	12	1.4
Caravan 2.5 SE	01.92- 01.93	111193	14	90	01.92- 01.93	111492	12	1.4
Caravan 3.0	01.90-	111193	14	90	01.90-	111492	12	1.4
Caravan 3.3	01.01- 01.06	113803	14	160	01.01- 01.06	111492	12	1.4
Caravan 3.3 SE	[EGM] 01.01- 01.06	113803	14	160	01.01- 01.06	111492	12	1.4
Caravan 3.3 Sport	01.01- 01.06	113803	14	160	01.01- 01.06	111492	12	1.4
Caravan 3.3	01.01- 01.06	113803	14	160	01.01- 01.06	111492	12	1.4
CB300 3.7					01.74- 01.78	110223	12	1.1
CB300 5.2					01.74- 01.79	110223	12	1.1
Challenger 2.6					01.78- 01.80	110158	12	1.2
	01.81- 01.83	110805	14	45				
Challenger 3.2					01.70- 01.71	110223	12	1.1
Challenger 3.7					01.70- 01.72	110223	12	1.1
Challenger 5.2					01.70- 01.74	110223	12	1.1
Challenger 5.2 Rallye					01.72- 01.72	110223	12	1.1
Challenger 5.6					01.70- 01.73	110223	12	1.1
Challenger 5.6 R/T					01.71- 01.71	110223	12	1.1
Challenger 5.6 Rallye					01.72- 01.72	110223	12	1.1
Challenger 5.6 T/A					01.70- 01.70	110223	12	1.1
Challenger 6.3					01.70- 01.71	110223	12	1.1
Challenger 6.3 R/T					01.70- 01.71	110223	12	1.1
Charger 3.7	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Charger 3.7 Sport					01.76- 01.76	110223	12	1.1
Charger 4.5					01.66- 01.66	110223	12	1.1
	01.66- 01.66	110074	14	60				
Charger 5.2	01.67- 01.69	110074	14	60	01.67- 01.69	110223	12	1.1
Charger 5.2 R/T	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Charger 5.2 Special Edition					01.78- 01.78	110223	12	1.1
Charger 5.2 Sport					01.76- 01.76	110223	12	1.1
Charger 5.6					01.72- 01.73	110223	12	1.1
Charger 5.6 Special Edition					01.72- 01.73	110223	12	1.1
Charger 5.6 Super Bee					01.71- 01.71	110223	12	1.1
Charger 6.3	01.67- 01.69	110074	14	60	01.67- 01.69	110223	12	1.1
Charger 6.3 R/T	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Charger 6.3 Super Bee					01.71- 01.71	110223	12	1.1
Charger 7.0	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Charger 7.0 500	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Charger 7.0 R/T	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Charger 7.2	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Charger 7.2 500	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Charger 7.2 R/T	01.67- 01.68	110074	14	60	01.67- 01.68	110223	12	1.1
Colt 1.4					01.81- 01.83	110158	12	1.2
Colt 1.4 Deluxe					01.82- 01.83	110158	12	1.2
Colt 1.4 DL					01.84- 01.84	110158	12	1.2
Colt 1.4 E					01.84- 01.84	110158	12	1.2



Colt 1.5					01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
									01.91- 01.94	110315	12	0.9
									01.89- 01.90	110158	12	1.2
Colt 1.5 100 DL					01.89- 01.90	110659	14	75	01.89- 01.90	110811	12	1.2
									01.89- 01.90	110158	12	1.2
									01.89- 01.90	110811	12	1.2
Colt 1.5 100 E					01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
									01.89- 01.90	110811	12	1.2
									01.89- 01.90	110158	12	1.2
Colt 1.5 100 LX					01.89- 01.90	110659	14	75	01.89- 01.90	110811	12	1.2
									01.89- 01.90	110158	12	1.2
									01.89- 01.90	110811	12	1.2
Colt 1.5 200 DL					01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
									01.89- 01.90	110811	12	1.2
									01.89- 01.90	110158	12	1.2
Colt 1.5 200 E					01.89- 01.90	110659	14	75	01.89- 01.90	110811	12	1.2
									01.89- 01.90	110158	12	1.2
									01.89- 01.90	110811	12	1.2
Colt 1.5 200 GT					01.91- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
									01.89- 01.89	110158	12	1.2
									01.89- 01.89	110811	12	1.2
Colt 1.5 DL					01.88- 01.88	110659	14	75	01.85- 01.85	110158	12	1.2
									01.88- 01.88	110958	12	0.9
									01.89- 01.90	110315	12	0.9
Colt 1.5 E					01.89- 01.89	110659	14	75	01.85- 01.85	110158	12	1.2
									01.89- 01.89	110315	12	0.9
									01.94- 01.94	110158	12	1.2
Colt 1.5 ES					01.94- 01.94	110659	14	75	01.90- 01.90	110158	12	1.2
									01.91- 01.93	110958	12	0.9
									01.90- 01.90	110315	12	0.9
Colt 1.5 GL					01.91- 01.93	110659	14	75	01.89- 01.90	110158	12	1.2
									01.89- 01.90	110315	12	0.9
									01.89- 01.90	110158	12	1.2
Colt 1.5 GT					01.89- 01.90	110659	14	75	01.89- 01.90	110315	12	0.9
									01.85- 01.85	110158	12	1.2
									01.83- 01.83	110158	12	1.2
Colt 1.5 Premier									01.89- 01.89	110958	12	0.9
Colt 1.6									01.81- 01.83	110158	12	1.2
Colt 1.6 200 LX					01.89- 01.89	110802	14	75	01.82- 01.83	110158	12	1.2
Colt 1.6 Custom									01.84- 01.84	110158	12	1.2
Colt 1.6 Deluxe									01.84- 01.84	110158	12	1.2
Colt 1.6 DL									01.90- 01.90	110958	12	0.9
Colt 1.6 E					01.90- 01.90	110802	14	75	01.89- 01.89	110958	12	0.9
Colt 1.6 GT					01.89- 01.89	110802	14	75	01.89- 01.90	110958	12	0.9
Colt 1.6 Turbo 100 DL					01.89- 01.90	110802	14	75	01.89- 01.90	110958	12	0.9
Colt 1.6 Turbo 100 LX					01.89- 01.90	110802	14	75	01.84- 01.84	110158	12	1.2
Colt 1.6 Turbo DL									01.89- 01.89	110958	12	0.9
Colt 1.6 Turbo GT					01.89- 01.89	110802	14	75	01.85- 01.85	110158	12	1.2
Colt 1.6 Turbo Premier									01.89- 01.90	110158	12	1.2
Colt 1.8 DL									01.84- 01.84	110158	12	1.2
Colt 2.0 Vista									01.86- 01.86	110158	12	1.2
Colt 2.0 Vista Custom									01.93- 01.94	110158	12	1.2
Colt 2.4									01.93- 01.94	110158	12	1.2
Colt 2.4 4x4									01.93- 01.94	110158	12	1.2
Colt 2.4 SE									01.78- 01.80	110958	12	0.9
Colt 2.6					01.78- 01.80	110805	14	45	01.84- 01.85	110158	12	1.2
Conquest 2.6 Turbo					01.84- 01.85	110318	14	50	01.67- 01.67	110223	12	1.1
Coronet 3.7									01.67- 01.67	110074	14	60
Coronet 3.7 440					01.67- 01.67	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 3.7 Brougham					01.68- 01.69	110074	14	60	01.76- 01.76	110223	12	1.1
Coronet 3.7 Custom									01.71- 01.75	110223	12	1.1
Coronet 3.7 Deluxe					01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 4.5									01.65- 01.67	110223	12	1.1
Coronet 4.5 440					01.65- 01.67	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 4.5 500					01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 4.5 Deluxe					01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 5.2					01.67- 01.67	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 5.2 440					01.68- 01.69	110074	14	60	01.67- 01.67	110223	12	1.1
Coronet 5.2 500					01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 5.2 Crestwood					01.68- 01.69	110074	14	60	01.71- 01.75	110223	12	1.1
Coronet 5.2 Custom									01.71- 01.75	110223	12	1.1
Coronet 5.2 Deluxe					01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 5.6 Crestwood									01.73- 01.73	110223	12	1.1
Coronet 5.6 Custom									01.72- 01.73	110223	12	1.1
Coronet 6.3									01.67- 01.67	110223	12	1.1
Coronet 6.3 440					01.67- 01.67	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 6.3 500					01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 6.3 Brougham					01.68- 01.69	110074	14	60	01.71- 01.71	110223	12	1.1
Coronet 6.3 Crestwood									01.71- 01.71	110223	12	1.1
Coronet 6.3 Custom									01.71- 01.71	110223	12	1.1
Coronet 6.3 Deluxe					01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 6.3 R/T					01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 6.3 Super Bee					01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 6.8					01.65- 01.65	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 7.0					01.66- 01.67	110074	14	60	01.65- 01.65	110223	12	1.1
Coronet 7.0 440					01.66- 01.67	110074	14	60	01.66- 01.67	110223	12	1.1
Coronet 7.0 R/T					01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 7.0 Super Bee					01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Coronet 7.2					01.68- 01.69	110074	14	60	01.67- 01.67	110223	12	1.1
Coronet 7.2 440					01.67- 01.67	110074	14	60	01.68- 01.68	110223	12	1.1
Coronet 7.2 R/T					01.68- 01.68	110074	14	60	01.67- 01.69	110223	12	1.1
Coronet 7.2 Super Bee					01.67- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Custom 4.5					01.69- 01.69	110074	14	60	01.64- 01.65	110223	12	1.1
Custom 5.2					01.64- 01.65	110074	14	60	01.62- 01.65	110223	12	1.1
Custom 5.9					01.62- 01.65	110074	14	60	01.62- 01.65	110223	12	1.1
Custom 6.3					01.62- 01.64	110074	14	60				
Custom 6.8					01.62- 01.65	110074	14	60				
Custom 7.0					01.62- 01.65	110074	14	60				
D100 3.7					01.63- 01.65	110074	14	60	01.63- 01.65	110223	12	1.1
D100 3.9					01.71- 01.71	110223	12	1.1				
D100 5.2					01.68- 01.69	110074	14	60	01.79- 01.79	110223	12	1.1
					01.88- 01.89	111193	14	90				
					01.88- 01.89	111193	14	90				



DODGE Continued

D100 5.9	01.88- 01.88	111193	14	90	01.88- 01.88	110223	12	1.1
D100 6.3	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
D100 Series 2.8	01.65- 01.65	110074	14	60	01.65- 01.65	110223	12	1.1
D100 Series 3.7	01.65- 01.67	110074	14	60	01.65- 01.67	110223	12	1.1
D100 Series 5.2	01.65- 01.67	110074	14	60	01.65- 01.67	110223	12	1.1
D100 Series 6.3	01.63- 01.67	110074	14	60				
D150 3.7					01.82- 01.82	110223	12	1.1
D150 3.9					01.91- 01.93	111764	12	1.4
	01.88- 01.90	111193	14	90	01.88- 01.90	110223	12	1.1
					01.81- 01.82	110223	12	1.1
					01.91- 01.93	111764	12	1.4
	01.88- 01.90	111193	14	90				
D150 5.9					01.91- 01.93	111764	12	1.4
	01.88- 01.88	111193	14	90	01.88- 01.88	110223	12	1.1
					01.70- 01.79	110223	12	1.1
D200 3.7								
	01.68- 01.69	110074	14	60				
D200 5.2					01.70- 01.80	110223	12	1.1
	01.68- 01.69	110074	14	60				
D200 6.3	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
D200 Series 3.7	01.65- 01.67	110074	14	60	01.65- 01.67	110223	12	1.1
D200 Series 5.2	01.65- 01.67	110074	14	60	01.65- 01.67	110223	12	1.1
D200 Series 6.3	01.63- 01.67	110074	14	60				
D250 3.9					01.91- 01.93	111764	12	1.4
	01.88- 01.90	111193	14	90	01.88- 01.90	110223	12	1.1
D250 5.2					01.91- 01.93	111764	12	1.4
	01.88- 01.90	111193	14	90	01.88- 01.90	110223	12	1.1
D250 5.9					01.91- 01.93	111764	12	1.4
	01.88- 01.88	111193	14	90	01.88- 01.88	110223	12	1.1
D300 3.7					01.70- 01.78	110223	12	1.1
	01.68- 01.69	110074	14	60				
D300 5.2					01.70- 01.80	110223	12	1.1
	01.68- 01.69	110074	14	60				
D300 6.3	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
D300 Series 3.7	01.65- 01.67	110074	14	60	01.65- 01.67	110223	12	1.1
D300 Series 5.2	01.65- 01.67	110074	14	60	01.65- 01.67	110223	12	1.1
D300 Series 6.3	01.63- 01.67	110074	14	60				
D350 5.9					01.91- 01.93	111764	12	1.4
	01.88- 01.88	111193	14	90	01.88- 01.88	110223	12	1.1
D50 2.0	01.79- 01.80	110805	14	45	01.79- 01.80	110158	12	1.2
D50 2.6	01.79- 01.80	110805	14	45	01.79- 01.80	110158	12	1.2
Dakota 2.5	01.97- 01.97	113063	14	90	01.97- 01.97	111764	12	1.4
	01.99- 01.00	113358	14	117				
	01.91- 01.95	111193	14	90	01.91- 01.95	112301	12	1.2
Dakota 3.7	01.04-	113607	14	136				
Dakota 3.9	01.98- 01.98	113071	14	136	01.98- 01.98	111764	12	1.4
	01.88- 01.90	111193	14	90	01.88- 01.90	110223	12	1.1
Dakota 3.9 Sport	01.88- 01.90	111193	14	90	01.88- 01.90	112301	12	1.2
Dakota 4.7	01.02- 01.02	113607	14	136				
Dakota 5.2	01.98- 01.98	113071	14	136				
Dakota 5.2 Shelby	01.89-	111193	14	90	01.89-	112301	12	1.2
Dakota 5.9	01.98- 01.98	113071	14	136				
Dart 2.8					01.61- 01.67	110223	12	1.1
	01.68- 01.69	110074	14	60				
Dart 2.8 270	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 2.8 Custom	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 2.8 GT	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 2.8 Swinger	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 3.7					01.61- 01.67	110223	12	1.1
	01.68- 01.69	110074	14	60				
Dart 3.7 270	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 3.7 Custom	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 3.7 GT	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 3.7 Special Edition					01.74- 01.75	110223	12	1.1
Dart 3.7 Swinger	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 4.5					01.64- 01.67	110223	12	1.1
	01.68- 01.69	110074	14	60				
Dart 4.5 270	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 4.5 Custom	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 4.5 GT	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 4.5 GTS	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 4.5 Swinger	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 5.2					01.61- 01.63	110223	12	1.1
	01.68- 01.68	110074	14	60				
Dart 5.2 270	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 5.2 Custom	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 5.2 GT	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.2 GTS	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.2 Special Edition					01.74- 01.75	110223	12	1.1
Dart 5.2 Sport					01.73- 01.76	110223	12	1.1
Dart 5.2 Swinger	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 5.6	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 5.6 270	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 5.6 GT	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.6 GTS	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 5.6 Sport 340					01.73- 01.73	110223	12	1.1
Dart 5.6 Swinger	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Dart 5.9	01.61- 01.62	110074	14	60	01.61- 01.62	110223	12	1.1
Dart 6.3	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 6.3 270	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 6.3 GT	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Dart 6.3 GTS	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Dart 6.8	01.61- 01.61	110074	14	60	01.61- 01.61	110223	12	1.1
Daytona 2.2 Turbo	01.90- 01.90	111193	14	90				
Daytona 2.2 Turbo Iroc R/T	01.92- 01.93	111193	14	90				
Daytona 2.2 Turbo Shelby	01.90- 01.90	111193	14	90				
Daytona 2.5	01.90- 01.93	111193	14	90				
Daytona 2.5 ES	01.92- 01.93	111193	14	90				
Daytona 2.5 Turbo Iroc	01.91- 01.92	111193	14	90				
Daytona 3.0	01.90-	111193	14	90				
Diplomat 3.7					01.78- 01.80	110223	12	1.1



Diplomat 3.7 Medallion					01.78- 01.80	110223	12	1.1
Diplomat 3.7 S					01.78- 01.78	110223	12	1.1
Diplomat 3.7 SALON					01.79- 01.80	110223	12	1.1
Diplomat 3.7 Sport					01.81- 01.81	110223	12	1.1
Diplomat 5.2					01.77- 01.80	110223	12	1.1
Diplomat 5.2 Medallion					01.77- 01.80	110223	12	1.1
Diplomat 5.2 S					01.78- 01.78	110223	12	1.1
Diplomat 5.2 SALON					01.79- 01.80	110223	12	1.1
Diplomat 5.2 SE					01.84- 01.87	110223	12	1.1
Diplomat 5.2 Sport					01.81- 01.81	110223	12	1.1
Durango 3.9	01.98- 01.98	113071	14	136				
Durango 5.2	01.98- 01.98	113071	14	136				
Durango 5.9	01.98- 01.98	113071	14	136				
Dynasty 2.5	01.92- 01.93	111193	14	90	01.92- 01.93	111492	12	1.4
Dynasty 3.0	01.90-	111193	14	90	01.90-	111492	12	1.4
Grand 3.3	[EGM]				01.99- 01.00	111492	12	1.4
Grand 3.3					01.97- 01.97	111492	12	1.4
Grand 3.3 ES					01.94- 01.97	111492	12	1.4
Grand 3.3 LE					01.90- 01.95	111492	12	1.4
Grand 3.3 SE					01.90- 01.95	111492	12	1.4
Grand 3.3 SE					01.96- 01.96	111492	12	1.4
Grand 3.8					01.98- 01.00	111492	12	1.4
Grand 3.8 ES					01.94- 01.97	111492	12	1.4
Grand 3.8 LE					01.94- 01.97	111492	12	1.4
Grand 3.8 SE					01.97- 01.97	111492	12	1.4
Grand Caravan 2.8 CRD					01.08-	113977	12	2.2
Lancer 2.8	01.62- 01.62	110074	14	60				
Lancer 3.7	01.61- 01.62	110074	14	60				
Lancer 6.8	01.61- 01.62	110074	14	60				
Magnum 5.2 XE					01.78- 01.79	110223	12	1.1
Mirada 3.7					01.80- 01.80	110223	12	1.1
Mirada 5.2					01.80- 01.80	110223	12	1.1
Monaco 3.0 ES	01.90- 01.92	112447	14	105	01.90- 01.92	110223	12	1.1
Monaco 3.0 LE	01.90- 01.92	112447	14	105	01.90- 01.92	110223	12	1.1
Monaco 5.2	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Monaco 5.2 500	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Monaco 6.3					01.70- 01.71	110223	12	1.1
Monaco 6.3 500	01.65-	110074	14	60				
Monaco 6.8	01.65- 01.65	110074	14	60	01.65- 01.65	110223	12	1.1
Monaco 7.0	01.65- 01.66	110074	14	60	01.65- 01.66	110223	12	1.1
Monaco 7.2	01.66- 01.67	110074	14	60	01.66- 01.67	110223	12	1.1
Monaco 7.2 500	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Neon 2.0	[ECH]				10.99- 09.05	116020	14	100
Polara 2.8	01.63- 01.64	110074	14	60	01.63- 01.64	110223	12	1.1
Polara 3.7	01.63- 01.64	110074	14	60	01.63- 01.64	110223	12	1.1
Polara 4.5	01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
Polara 5.2	01.62- 01.67	110074	14	60	01.62- 01.67	110223	12	1.1
Polara 5.2 500	01.68- 01.69	110074	14	60				
Polara 5.9	01.62- 01.64	110074	14	60	01.62- 01.64	110223	12	1.1
Polara 6.3	01.62-	110074	14	60	01.62-	110223	12	1.1
Polara 6.3 500	01.68- 01.69	110074	14	60				
Polara 6.8	01.62- 01.65	110074	14	60	01.62- 01.65	110223	12	1.1
Polara 7.0	01.64- 01.67	110074	14	60	01.64- 01.67	110223	12	1.1
Polara 7.2	01.66- 01.67	110074	14	60	01.66- 01.67	110223	12	1.1
Polara 7.2 500	01.68- 01.69	110074	14	60				
Power Ram 2.0 50					01.83- 01.83	110158	12	1.2
Power Ram 2.6 50					01.85- 01.86	110315	12	0.9
					01.83- 01.83	110158	12	1.2
	01.83- 01.83	110805	14	45	01.83- 01.83	110811	12	1.2
Raider 2.6					01.87- 01.89	110811	12	1.2
Raider 3.0					01.89- 01.89	111241	12	1.2
Ram 2.3 Turbo 50 Royal					01.84- 01.85	111461	12	2.2
Ram 2.3 Turbo 50 Sport					01.84- 01.84	111461	12	2.2
Ram 2.4 50					01.90- 01.92	110158	12	1.2
Ram 2.6 50	01.86-	110805	14	45	01.86-	110809	12	2.0
Ram 2.6 50 Custom					01.87- 01.89	110158	12	1.2
	01.84- 01.86	110805	14	45	01.84- 01.86	110811	12	1.2
Ram 2.6 50 Royal	01.83- 01.83	110805	14	45	01.83- 01.83	110811	12	1.2
Ram 2.6 50 Sport					01.87- 01.89	110158	12	1.2
	01.83- 01.83	110805	14	45	01.83- 01.83	110811	12	1.2
Ram 3.9 1500	01.97- 01.97	113071	14	136	01.97- 01.97	110158	12	1.2
					01.94- 01.96	111764	12	1.4
Ram 5.2 1500	01.97- 01.97	113071	14	136	01.97- 01.97	110158	12	1.2
					01.94- 01.96	111764	12	1.4
Ram 5.2 2500	01.97- 01.97	113071	14	136	01.97- 01.97	110811	12	1.2
					01.98- 01.98	110158	12	1.2
					01.94- 01.96	111764	12	1.4
Ram 5.2 1500	01.97- 01.97	113071	14	136	01.97- 01.97	110158	12	1.2
					01.95- 01.96	111764	12	1.4
Ram 5.2 2500					01.95- 01.96	111764	12	1.4
Ram 5.9 Turbo 2500					01.97- 01.97	113114	12	2.7
Ram 5.9 Turbo 2500 Quad Cab					01.01- 01.01	113114	12	2.7
Ram 5.9 Turbo 3500					01.99- 01.01	113114	12	2.7
Ram 5.9 Turbo 3500 Quad Cab					01.01- 01.01	113114	12	2.7
Ram 5.9 1500	01.97- 01.97	113071	14	136	01.97- 01.97	110158	12	1.2
					01.94- 01.96	111764	12	1.4
Ram 5.9 2500	01.97- 01.97	113071	14	136	01.97- 01.97	111241	12	1.2
					01.98- 01.98	110158	12	1.2
					01.94- 01.96	111764	12	1.4
Ram 5.9 3500	01.97- 01.97	113071	14	136	01.97- 01.97	110811	12	1.2
					01.94- 01.96	111764	12	1.4
Ram 5.9 3500 Quad Cab	01.98- 01.98	113071	14	136	01.98- 01.98	110811	12	1.2
Ram 8.0 2500	01.97- 01.97	113071	14	136	01.97- 01.97	110158	12	1.2
Ram 8.0 3500	01.97- 01.97	113071	14	136	01.97- 01.97	110811	12	1.2
Ramcharger 3.7					01.74- 01.78	110223	12	1.1
Ramcharger 5.2					01.83- 01.87	110223	12	1.1
					01.91- 01.93	111764	12	1.4
	01.88- 01.90	111193	14	90				

**DODGE Continued**

Ramcharger 5.9						01.91- 01.93	111764	12	1.4
		01.88- 01.88	111193	14	90	01.88- 01.88	110223	12	1.1
RD200 5.2						01.78- 01.78	110223	12	1.1
Royal Monaco 5.2						01.75- 01.77	110223	12	1.1
Shadow 2.2		01.90- 01.94	111193	14	90				
Shadow 2.2 America		01.91- 01.92	111193	14	90				
Shadow 2.2 Turbo		01.90- 01.90	111193	14	90				
Shadow 2.5		01.92- 01.94	111193	14	90				
Shadow 2.5 America		01.92- 01.92	111193	14	90				
Shadow 2.5 ES		01.91- 01.94	111193	14	90				
Shadow 2.5 Turbo		01.92- 01.92	111193	14	90				
Shadow 2.5 Turbo ES		01.91- 01.92	111193	14	90				
Spirit 2.2 Turbo R/T		01.91- 01.92	111193	14	90				
		01.91- 01.92	112194	14	120				
Spirit 2.5		01.93- 01.94	111193	14	90				
Spirit 2.5		01.92- 01.95	111193	14	90				
Spirit 2.5 ES		01.93- 01.93	111193	14	90				
Spirit 2.5 LE		01.92- 01.92	111193	14	90				
Spirit 2.5 Turbo ES		01.92- 01.92	111193	14	90				
Spirit 2.5 Turbo LE		01.92- 01.92	111193	14	90				
St. Regis 3.7						01.79- 01.79	110223	12	1.1
St. Regis 5.2						01.79- 01.80	110223	12	1.1
Stealth 3.0						01.93- 01.96	111241	12	1.2
Stealth 3.0 ES						01.93- 01.93	111241	12	1.2
Stealth 3.0 R/T						01.93- 01.96	111241	12	1.2
Stealth 3.0 R/T Sport						01.94- 01.95	111241	12	1.2
		01.94- 01.95	111406	14	110				
Stealth 3.0 Turbo R/T						01.91- 01.92	111241	12	1.2
		01.91- 01.92	111406	14	110				
Stratus 2.5						01.99- 01.00	112846	12	1.4
Stratus 2.5 ES	[EEB]					01.95- 01.97	112846	12	1.4
W100 3.7		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
W100 3.9		01.89- 01.89	111193	14	90	01.89- 01.89	110223	12	1.1
W100 5.2		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
		01.88- 01.89	111193	14	90				
W100 5.9		01.88- 01.88	111193	14	90	01.88- 01.88	110223	12	1.1
W100 6.3		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
W150 3.7						01.81- 01.82	110223	12	1.1
W150 3.9						01.91- 01.93	111764	12	1.4
		01.89- 01.90	111193	14	90	01.89- 01.90	110223	12	1.1
W150 5.2						01.81- 01.82	110223	12	1.1
						01.91- 01.93	111764	12	1.4
		01.88- 01.90	111193	14	90				
W150 5.9						01.91- 01.93	111764	12	1.4
		01.88- 01.88	111193	14	90	01.88- 01.88	110223	12	1.1
W150 5.9 S						01.91- 01.91	111764	12	1.4
W200 3.7						01.63- 01.64	110223	12	1.1
		01.69- 01.70	110074	14	60				
W200 5.2						01.65- 01.67	110223	12	1.1
		01.69- 01.69	110074	14	60				
W200 6.3		01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
W250 5.2		01.88- 01.90	111193	14	90	01.88- 01.90	110223	12	1.1
W250 5.9						01.92- 01.93	111764	12	1.4
		01.88- 01.88	111193	14	90	01.88- 01.88	110223	12	1.1
W300 3.7		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
W300 5.2						01.63- 01.64	110223	12	1.1
		01.68- 01.69	110074	14	60				
W300 6.3		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
W350 5.9						01.91- 01.93	111764	12	1.4
		01.88- 01.88	111193	14	90	01.88- 01.88	110223	12	1.1
PASSENGER CARS AO									
Avenger 2.4	[EDG]	06.07-	115925	14	115	06.07-	115448	12	1.4
Caliber 2.4 AWD	[ED3]	10.06-	115925	14	115	10.06-	115448	12	1.4
Caravan 3.8 Turbo 4WD	[EGH]	04.01- 01.06	113803	14	160				
Caravan III 3.3	[EGM]	04.01- 01.06	113803	14	160				
Caravan III 3.8	[EGH]	04.01- 01.06	113803	14	160				
Caravan III 3.8 AWD		04.01- 01.06	113803	14	160				
Durango 4.7 4x4	[EVA]	11.03-	115934	14	160				
Dongfeng (DFL)									
PASSENGER CARS AO									
Qashgai 2.0	[MR20DE]	EU5 12.07-	115705	14	110	12.07-	115341	12	1.0
Teana 3.5	[VQ35DE]	09.04-	116646	14	130				
Dongfeng Citroen									
PASSENGER CARS AO									
307 1.6	[TU5JP4]					02.08-	116634	12	1.1
C2 1.4	[TU3AF]	10.06-	114707	14	80				
		10.06-	115474	14	80				
Xsara 2.0	[EW10J4]						116634	12	1.1
Xsara 2.0 Picasso	[EW10J4]						116634	12	1.1
Dongfeng Honda									
PASSENGER CARS AO									
Civic 1.8	[R18A1]	04.06-	115661	14	90	04.06-	114389	12	1.1
CR-V 2.4 4x4	[K24A1]					06.04- 02.07	115637	12	1.0
Dongfeng Yueda Kia									
PASSENGER CARS AO									
Rio 1.6	[G4ED]	01.07-	115715	14	90				
		01.07-	116226	14	110				
Doosan									
FORK LIFTS									
D20G D25G & D30G Forklifts	[B3.3-65 ELITE]						112344	12	2.5
D20S-5 & D25S-5 Forklifts	[B3.3-65 ELITE]						112344	12	2.5
D30S-5 D33S-5 & D35C-5 Forklifts	[B3.3-65 ELITE]						112344	12	2.5
D60S-5 Forklifts	[V3800DI-T-E]		113600	14	90		113727	12	2.7
D70S-5 Forklifts	[V3800DI-T-E]		113600	14	90		113727	12	2.7
D80S-5 Forklifts	[V3800DI-T-E]		113600	14	90		113727	12	2.7
D90S-5 Forklifts	[V3800DI-T-E]		113600	14	90		113727	12	2.7
INDUSTRY									
450 PLUS Skid Steer Loaders	[B3.3-65 ELITE]						112344	12	2.5
460 PLUS Skid Steer Loaders	[B3.3-65 ELITE]						112344	12	2.5
470 PLUS Skid Steer Loaders	[B3.3-65 ELITE]						112344	12	2.5



C185WKUB Air Compressors	[V2403-M]		114751	14	44			111197	12	2.0
DX35Z Excavators	[3TNV88]		113742	14	40			113966	12	1.4
DX-600H Rollers	[GX390]							112374	12	2.5
DX-700H Rollers	[GX390]							113671	12	
G150 Generator Sets	[QSB6.7]		116317	28	70			114326	24	7.5
G190 Generator Sets	[QSB6.7]		116317	28	70			114326	24	7.5
G25 Generator Sets	[S4Q2]		113401	14	40					
G40 Generator Sets	[S4S]		113401	14	40			111272	12	2.2
HP450/VHP400WCU Air Compressors	[QSB6.7]		116317	28	70			114326	24	7.5
HP450WJD Air Compressors	[6BTA5.9]		111843	14	95					
HP750WCU Air Compressors	[QSB6.7]		116317	28	70			114326	24	7.5
L20 Light Plants and Signal B	[S4Q2]		113401	14	40					
LSC Light Plants and Signal B	[L3E]		114079	14	40			114444	12	1.6
MX331 Excavators	[V2403-M-DI]		114751	14	44			111197	12	2.0
P425/HP375WCU Air Compressors	[QSB4.5]		116317	28	70					
P600/XP535WCU Air Compressors	[QSB6.7]		116317	28	70			114326	24	7.5
P600WJD Air Compressors	[6BTA5.9]		111843	14	95					
SOLAR 015 Excavators	[D722-E]		114205	14	40			110447	12	1.0
								114485	12	1.1
								116537	12	1.4
SOLAR 015 PLUS Excavators	[L3E]		114079	14	40			114444	12	1.6
Various Models			115690	28	45			116626	24	7.0
								115743	12	1.4
								115721	12	4.2
VHP400WJD Air Compressors	[6BTA5.9]		111843	14	95					
XP825WCU Air Compressors	[QSB6.7]		116317	28	70			114326	24	7.5
DS										
PASSENGER CARS EU										
DS 3 1.2 THP THP 130	[HNY (EB2DTS)]	09.15-	116237	12	125		09.15-	113960	12	0.9
							09.15-	116092	12	1.0
							A25 09.15-	116281	12	1.8
DS 3 1.2 VTi	[HMZ (EB2F)]	07.15-	116237	12	125		07.15-	113960	12	0.9
DS 3 1.6 BlueHdi 116	[BHX (DV6FC)]	07.15-	115364	14	150		07.15-	114030	12	2.2
							07.15-	116282	12	1.7
DS 3 1.6 THP 208	[5GM (EP6FDTX)]	09.15-	114752	14	80		09.15-	113254	12	1.4
							09.15-	116281	12	1.8
DS 3 Convertible 1.6 BlueHdi 116	[BHX (DV6FC)]	07.15-	115364	14	150		07.15-	116282	12	1.7
DS 3 Crossback 1.2 PureTech 100	[HNN (EB2ADTD)]	10.18-	116152	14	150					
		10.18-	116541	14	120					
DS 3 Crossback 1.2 PureTech 130	[HNS (EB2ADTS)]	10.18-	116152	14	150					
		10.18-	116541	14	120					
DS 3 Crossback 1.2 PureTech 155	[HNN (EB2ADTX)]	10.18-	116152	14	150					
		10.18-	116541	14	120					
DS 3 Crossback 1.5 BlueHdi 100	[YHY (DV5RD)]	10.18-	116152	14	150					
DS 3 Crossback 1.5 BlueHdi 130	[YHZ (DV5RC)]	10.18-	116152	14	150					
DS 4 Crossback 1.6 BlueHdi 115	[BHX (DV6FC)]	07.15-	115364	14	150		07.15-	113933	12	1.5
		07.15-	116242	12	180					
DS 4 Crossback 1.6 THP 150	[5FE (EP6CDTMD)]	10.16-	114771	14	150		10.16-	113254	12	1.4
		10.16-	114811	14	120 A49		10.16-	113960	12	0.9
		10.16-	115604	14	150 A49		10.16-	116282	12	1.7
		10.16-	116311	14	120					
		10.16-	116353	14	150					
DS 5 2.0 BlueHdi 135	[AHV (DW10FDD)]						AT 06.15-	114854	12	2.5
							06.15-	111070	12	1.7
							06.15-	113926	12	1.9
							06.15-	114460	12	1.4
DS 5 2.0 Hybrid Hybrid4	[RHC (DW10CTED4)]						AT 04.15-	114854	12	2.5
							04.15-	111070	12	1.7
							04.15-	113926	12	1.9
							04.15-	114460	12	1.4
DS 7 Crossback 1.2 PureTech 130	[HNS (EB2ADTS)]	10.18-	116152	14	150					
		10.18-	116541	14	120					
DS3 1.4 HDi HDi 70	[8HR (DV4C), 8HP (DV4C)]	07.15- 12.16	115364	14	150		07.15- 12.16	114030	12	2.2
							07.15- 12.16	113933	12	1.5
DS3 1.6 THP	[5GZ (EP6FDT)]	07.15-	114752	14	80		07.15-	113466	24	4.0
							A25 07.15-	116281	12	1.8
							07.15-	113960	12	0.9
DS3 Convertible 1.6 THP	[5GZ (EP6FDT)]	07.15-	114752	14	80		07.15-	113960	12	0.9
							A25 07.15-	116281	12	1.8
DS5 1.6 BlueHdi 115	[BHX (DV6C)]	06.15-	115364	14	150		06.15-	113933	12	1.5
		06.15-	116242	12	180					
							A25 06.15-	116282	12	1.7
DS5 1.6 THP THP 165	[5GZ (EP6FDT)]						07.15-	116281	12	1.8
DS7 Crossback 1.5 BlueHdi 130							09.17-	113933	12	1.5
DS7 Crossback 2.0 BlueHdi 180	[EHZ (DW10FC)]						09.17-	114854	12	2.5
DUCATI										
MOTOR BIKES										
749 Dark Superbike								116076	12	0.7
749 Superbike								116076	12	0.7
999 Superbike								116076	12	0.7
1098 Superbike								116076	12	0.7
1100 Multistrada								116076	12	0.7
1000 DS Multistrada								116076	12	0.7
1098 S Superbike								116076	12	0.7
1100 S Multistrada								116076	12	0.7
749 S Superbike								116076	12	0.7
999 S Superbike								116076	12	0.7
GT 1000								116076	12	0.7
GT 1000 Touring								116076	12	0.7
Monster 1000								116076	12	0.7
Monster 1000 S Multistrada								116076	12	0.7
Monster S2R 1000								116076	12	0.7
Monster S4R								116076	12	0.7
Monster S4RS								116076	12	0.7
PS1000LE								116076	12	0.7
Sport 1000								116076	12	0.7
Sport 1000S								116076	12	0.7
Sport Touring ST3								116076	12	0.7
Sport Touring ST3 ABS								116076	12	0.7

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.


DUCATI *Continued*

Sport Touring ST4						116076	12	0.7
Sport Touring ST4S						116076	12	0.7
Sport Touring ST4S ABS						116076	12	0.7
SS1000 Supersport						116076	12	0.7
Eagle								
PASSENGER CARS US								
2000 2.0 GTX		01.91- 01.92	110802	14	75	01.91- 01.92	110811	12 1.2
		01.91- 01.92	110804	14	90			
2000 2.0 GTX 4x4		01.92- 01.92	110802	14	75	01.92- 01.92	110811	12 1.2
		01.92- 01.92	110804	14	90			
Premier 3.0 ES		01.88- 01.88	112447	14	105	01.88- 01.88	111490	12 1.4
Premier 3.0 Limited		01.91- 01.92	112447	14	105			
Premier 3.0 LX		01.89- 01.92	112447	14	105			
Summit 1.5						01.91- 01.92	110158	12 1.2
		01.91- 01.92	110659	14	75	01.91- 01.92	110811	12 1.2
Summit 1.5 DL						01.91- 01.92	110158	12 1.2
		01.89- 01.90	110659	14	75	01.89- 01.90	110958	12 0.9
						01.91- 01.92	110811	12 1.2
Summit 1.5 ES						01.91- 01.96	110158	12 1.2
		01.91- 01.96	110659	14	75	01.91- 01.96	110811	12 1.2
Summit 1.5 ESJ						01.95- 01.96	110158	12 1.2
Summit 1.5 LX						01.89- 01.90	110158	12 1.2
		01.89- 01.90	110659	14	75	01.89- 01.90	110811	12 1.2
Summit 1.6 LX		01.89- 01.90	110802	14	75	01.89- 01.90	110958	12 0.9
Summit 2.4						01.92- 01.92	110158	12 1.2
		01.92- 01.92	110802	14	75	01.92- 01.92	110958	12 0.9
Summit 2.4 DL						01.92- 01.92	110158	12 1.2
		01.92- 01.92	110802	14	75	01.92- 01.92	110958	12 0.9
Summit 2.4 LX						01.92- 01.92	110158	12 1.2
		01.92- 01.92	110802	14	75	01.92- 01.92	110958	12 0.9
Talon 2.0	[EBG]	01.93- 01.97	110802	14	75	01.93- 01.97	110811	12 1.2
						01.90- 01.92	110958	12 0.9
		01.90- 01.92	110804	14	90			
						01.90- 01.92	110158	12 1.2
Talon 2.0 ES		01.93- 01.94	110802	14	75	01.93- 01.94	110811	12 1.2
Vista 2.0	[G63B]	01.89-	110659	14	75			
Vista 2.0 4x4		01.90-	110659	14	75			
Evinrude								
MARINE								
E20E						01.85- 01.95	111043	12 0.6
E25E						01.85- 01.98	111043	12 0.6
E25EL						01.81- 01.98	111043	12 0.6
E25TE						01.80- 01.98	111043	12 0.6
E25TEL						01.80- 01.98	111043	12 0.6
E28ESL						01.87- 01.96	111043	12 0.6
E30E						01.84- 01.98	111043	12 0.6
E30EL						01.84- 01.98	111043	12 0.6
E30TE						01.85- 01.98	111043	12 0.6
E30TEL						01.85- 01.98	111043	12 0.6
E35E						01.80- 01.84	111043	12 0.6
E35EL						01.80- 01.84	111043	12 0.6
E35TEL						01.83- 01.84	111043	12 0.6
E40E EL						01.89- 01.97	110647	12 0.6
E40TE TEL						01.89- 01.98	110647	12 0.6
E40TL TTL						01.89- 01.98	110647	12 0.6
E48ESL						01.87- 01.96	110647	12 0.6
E50BE BEL						01.89- 01.95	110647	12 0.6
E50DTL						01.95- 01.98	110647	12 0.6
E50EL						01.95- 01.97	110647	12 0.6
E50TEL						01.89- 01.95	110647	12 0.6
E50TL						01.89- 01.97	110647	12 0.6
E50TTL						01.95- 01.98	110647	12 0.6
Various Models							110647	12 0.6
							111043	12 0.6
Farymann								
MARINE								
Various Models			110127	14	70		112496	12 2.0
			110048	14	70		113381	12 2.5
MOTORS								
Various Models							112496	12 2.0
							113381	12 2.5
Faw Toyota								
PASSENGER CARS AO								
Land Cruiser 4.0 4x4	[1GR-FE]	10.03-	116090	14	100			
Faw-Audi								
PASSENGER CARS AO								
A4 1.8		08.09-	116201	14	150			
A4 2.0	[CDZ]	11.08- 12.16	116201	14	150			
A6L 2.8 Quattro		06.09- 12.11	115919	14	150	06.09- 12.11	116505	12 1.7
Ferrari								
PASSENGER CARS EU								
208 2.0 Turbo	[F106D..]	06.82- 10.89	111620	14	65			
		GTB/GTS 01.86- 10.89	113187	14	85			
328 3.2 GTB	[F105C..]					09.85- 09.89	111694	12 1.8
400 4.8 i	[F101..]	05.79- 03.85	110912	14	55			
412 4.9 i	[F101E..]	04.85- 12.88	111620	14	65			
208/308 Coupe 2.0 Gtb Turbo	[F106N]	04.86- 10.90	111620	14	65			
208/308 Coupe 2.0 GTS Turbo	[F106N]	04.86- 10.90	111620	14	65			
F 40 3.0	[F120A]	02.88- 06.92	111620	14	65			
		04.88- 06.92	113187	14	85			
Mondial 2.9	[F106B..]	07.80- 09.83	111620	14	65	07.80- 09.83	111694	12 1.8
Mondial 3.4 T	[F119D]					01.89- 12.93	111694	12 1.8
Fiat								
PASSENGER CARS EU								
124 1.2 1200	[124A.000]	08.71- 05.73	110912	14	55			
124 1.4 1400 Special	[124B2.000]	10.68- 07.75	110611	14	55			
		10.68- 07.75	110912	14	55			
124 1.4 1400 Special T	[132A.000]	10.68- 07.75	110611	14	55			
		10.68- 07.75	110912	14	55			



124 1.6		01.73- 02.76	110882	14 45			
		01.73- 02.76	110912	14 55			
124 1.6 1600 Spider Sport	[132AC.000]	11.69- 08.73	110912	14 55			
		04.70- 08.73	110611	14 55			
124 1.6 1600 Sport	[132AC.000]	01.69- 12.74	110611	14 55			
		01.69- 12.74	110912	14 55			
125 1.6	[125A.000]	07.71- 12.72	110912	14 55			
125 1.6 Special	[125B.000]	07.71- 12.72	110912	14 55			
126 0.7 700 Bambino	[126A2.000]	09.87- 06.91	111035	14 65			
	[126A2.048]	09.87- 06.91	111035	14 65			
127 0.9	[100GL.000]	06.78- 05.83	111078	14 45			
	[100GL.048]	06.78- 05.83	111078	14 45			
127 1.0	[127A.000]	04.77- 05.83	111180	14 33	04.77- 05.83	110365	12 0.8
		04.77- 12.86	116133	14 33 A49			
127 1.0 Panorama	[127A.000]	01.77- 12.86	116133	14 33 A49			
		04.77- 05.86	111180	14 33			
127 1.0 Sport	[127A1.000]	06.78- 11.81	110899	14 33	06.78- 11.81	110365	12 0.8
		06.78- 11.81	111180	14 33			
		07.78- 02.82	116133	14 33 A49			
128 1.1 1100	[128A.000]	03.69- 12.84	116133	14 33 A49			
		09.69- 04.76	110899	14 33			
		09.69- 12.84	111180	14 33			
	[128A.048]	09.69- 12.79	110899	14 33			
		09.69- 09.81	111180	14 33			
		02.75- 02.81	116133	14 33 A49			
	[128AC5.000]	03.72- 12.79	110899	14 33			
		03.72- 02.81	111180	14 33			
		03.72- 02.81	116133	14 33 A49			
128 1.3 1300	[128A1.000]	01.71- 04.76	110899	14 33			
		01.71- 12.84	111180	14 33			
		12.74- 10.82	116133	14 33 A49			
	[128AC.000]	11.71- 12.75	110899	14 33			
		11.71- 12.75	111180	14 33			
		03.72- 12.79	116133	14 33 A49			
128 1.3 1300 Berlinetta	[128AC.000]	06.75- 12.79	110899	14 33			
		06.75- 12.79	111180	14 33			
		06.75- 12.79	116133	14 33 A49			
128 1.3 1300 Rally	[128AR000]	09.71- 02.76	110899	14 33			
128 1.3 1300 Sport	[128A1.000]	03.69- 10.78	110899	14 33			
		08.74- 12.84	116133	14 33 A49			
		10.78- 12.84	111180	14 33			
130 3.2 3200	[130B.000]	09.71- 03.77	110611	14 55			
131 1.3 Mirafiori	[131A.000]	10.74- 12.82	110350	14 44			
	[131A6.000]	10.74- 09.81	110912	14 55	10.74- 09.81	110352	12 1.3
131 1.3 Mirafiori Panorama	[131A.000]	03.75- 03.82	110912	14 55			
131 1.3 Panorama Mirafiori	[131A6.000]	10.74- 01.84	110912	14 55			
131 1.3 Super Mirafiori	[131B.000]	10.74- 01.84	110912	14 55			
131 1.4 Mirafiori	[131C.000]	11.80- 01.84	110912	14 55	11.80- 01.84	110352	12 1.3
	[131C1.000]	11.80- 01.84	110912	14 55	11.80- 01.84	110352	12 1.3
131 1.4 Super Mirafiori	[131C1.000]	04.81- 12.83	110912	14 55			
131 1.6 1600	[131A1.000]	10.74- 09.81	110912	14 55			
	[131C2.000]	10.74- 01.84	110912	14 55	10.74- 01.84	110352	12 1.3
131 1.6 1600 Panorama	[131C2.000]	11.80- 01.84	110912	14 55			
131 1.6 1600 Super	[131C3.000]	03.78- 01.84	110912	14 55			
131 1.6 Panorama	[131A1.000]	03.75- 12.78	110912	14 55			
131 1.6 Panorama Super	[131C3.000]	12.79- 12.81	110912	14 55			
131 1.6 Super Mirafiori	[131B1.000]	03.79- 03.82	110912	14 55			
131 2.0 Diesel	[8144.65]	03.78- 01.84	110882	14 45	03.78- 01.84	110352	12 1.3
		03.78- 01.84	110890	14 55			
		03.78- 01.84	111686	14 65			
131 2.0 2000 Racing	[131B2.000]	06.78- 12.81	110912	14 55			
131 2.0 2000 Super	[131C4.000]	01.81- 01.84	110912	14 55			
131 2.5 Diesel	[8144.61]	03.78- 01.84	110882	14 45	03.78- 01.84	110352	12 1.3
		03.78- 01.84	110890	14 55			
		03.78- 01.84	111686	14 65			
131 2.5 Diesel 2500 Super Mirafiori	[8144.61]	08.78- 01.84	110882	14 45	08.78- 01.84	110352	12 1.3
		08.78- 01.84	110890	14 55			
		08.78- 01.84	111686	14 65			
132 1.6 1600	[132BBOAO]	04.72- 05.81	110912	14 55			
	[132C.000]	05.72- 05.81	110912	14 55			
	[132C6.000]	03.77- 12.81	110912	14 55			
132 1.7 1700	[132B1.000]	11.75- 01.77	110912	14 55			
132 1.8 1800 GLS	[132B1.000]	02.74- 12.75	110912	14 55			
132 1.8 1800 Special	[132B1.000]	04.72- 01.74	110912	14 55			
132 2.0 Diesel	[8144.65]	03.78- 03.79	110882	14 45			
		03.78- 05.81	110890	14 55			
		03.78- 05.81	111686	14 65			
132 2.0 2000	[132C2.000]	05.72- 05.81	110912	14 55			
132 2.0 i.e. 2000	[132C3.000]	01.80- 05.81	110912	14 55			
132 2.0	[132C2.000]	01.76- 12.76	110890	14 55			
		01.76- 12.76	110912	14 55			
132 2.5 Diesel	[8144.61]	03.78- 03.79	110882	14 45			
		03.78- 05.81	110890	14 55			
		03.78- 05.81	111686	14 65			
500 0.9	[199B6.000]	10.13-	114806	14 120	10.13-	113962	12 0.9
		10.13-	115457	14 120	10.13-	116024	12 1.1
		10.13-	115874	14 120 A49			
	[312A2.000]	07.10-	114806	14 120	07.10-	113962	12 0.9
		07.10-	115457	14 120 A49	07.10-	116024	12 1.1
		07.10-	115874	14 120 A49			
		07.10-	116125	14 120			
	[312A4.000]	09.12-	114806	14 120	09.12-	113962	12 0.9
		09.12-	115457	14 120	09.12-	116024	12 1.1
		09.12-	115874	14 120 A49			
	[312A5.000]	12.13-	114806	14 120	12.13-	115400	12 1.4
		12.13-	115874	14 120 A49			
500 1.0	[312A4.000]	12.13-	114806	14 120	12.13-	115400	12 1.4
		12.13-	115874	14 120 A49			



FIAT Continued

500 1.2 LPG	[169A4.000]	12.10- 12.10- 12.10-	114462 115620 115647	14 70 14 105 14 90	12.10-	113962	12 0.9
500 1.2	[169A4.000]	10.07- 10.07- 10.07- 10.07-	113535 114462 115615 115647	14 85 14 70 14 105 14 90	10.07- 10.07-	113962 116024	12 0.9 12 1.1
500 1.3 Multijet	[169A1.000]	10.07- 10.07- AC 10.07- AC 10.07- AC 10.07-	113721 116330 113722 114451 115963	14 75 A49 14 75 14 90 A49 14 105 14 90	10.07-	113962	12 0.9
	[199B1.000]	12.09- AC 12.09-	115852 115346	14 105 14 120	A25 12.09-	115312	12 1.1
	[312B5.000]	06.16-	115667	14 120			
500 1.4	[169A3.000]	10.07- 10.07- 10.07- 10.07-	113535 114462 115615 115647	14 85 14 70 14 105 14 90	10.07- 10.07-	113962 116024	12 0.9 12 1.1
500 1.4 Abarth	[312A1.000]	08.08-	116089	14 120			
	[312A3.000]	05.10-	116089	14 120			
	[312A9.000]	08.08-	116089	14 120			
124 Spider 1.6	[132AC.000]	01.73- 07.75	110912	14 55	01.73- 07.75	113962	12 0.9
131 Familiare/Panorama 2.0 Mirafiori	[131B2.000]	11.80- 12.84 AC 11.80- 12.84 AC 11.80- 12.84 AC 11.80- 12.84	112768 110890 110912 111620	14 55 14 55 14 55 14 65			
238-Series 1.4	[131AZ000]	01.69- 10.77 06.76- 12.77 01.78- 06.82	110611 110912 111078	14 55 14 55 14 45			
	[131BZ0C0]	06.80- 06.82	111078	14 45			
	[131FZ]	06.80- 06.82	111078	14 45			
500 C 0.9	[199B6.000]	12.13- 12.13- 12.13-	114806 115457 115874	14 120 14 120 14 120 A49	12.13- 12.13-	115400 116024	12 1.4 12 1.1
	[312A2.000]	09.09- 09.09-	114806 115874	14 120 14 120 A49	09.09-	113962	12 0.9
	[312A4.000]	09.12- 09.12- 09.12-	114806 115457 115874	14 120 14 120 14 120 A49	09.12- 09.12-	113962 116024	12 0.9 12 1.1
	[312A5.000]	12.13-	115457	14 120	12.13-	116024	12 1.1
	[312A6.000]	12.13- 12.13- 12.13- 12.13-	114806 115457 115874 116125	14 120 14 120 14 120 14 120	A25 12.13- 12.13-	115312 116024	12 1.1 12 1.1
500 C 1.2	[169A4.000]	09.09- 09.09- 09.09- 09.09- 09.09-	114462 114706 115615 115620 115647	14 70 14 120 14 105 14 105 14 90	09.09- A25 09.09-	113962 115828	12 0.9 12 1.4
500 C 1.3 Multijet	[169A1.000]	09.09- 09.09- 09.09-	113722 114451 115963	14 90 A49 14 105 14 90	09.09-	113962	12 0.9
	[199B1.000]	09.09- AC 09.09-	115852 115346	14 105 14 120	A25 09.09-	115312	12 1.1
500 C 1.4	[169A3.000]	09.09- 09.09- 09.09- 09.09- 09.09-	113535 114462 115615 115620 115647	14 85 14 70 14 105 14 105 14 90	09.09- A25 09.09-	113962 116024	12 0.9 12 1.1
500 C 1.4 Abarth	[312A1.000]	05.11-	116089	14 120			
	[312A3.000]	09.09-	116089	14 120			
500L 0.9	[199B6.000]	09.12-	115457	14 120	09.12-	115400	12 1.4
500L 0.9 CNG	[312A2.000]	03.13- 03.13- 03.13- 03.13-	114806 115457 115874 116125	14 120 14 120 A49 14 120 14 120	03.13- 03.13- 03.13-	113962 116024 115828	12 0.9 12 1.1 12 1.4
500L 0.9 Natural Power	[312A2.000]	04.17- 04.17-	114806 115874	14 120 14 120	04.17-	115400	12 1.4
500L 1.2 Multijet	[330A1.000]	06.14-	115667	14 120	06.14-	116024	12 1.1
500L 1.3 Multijet	[199B4.000]	09.12- 09.12-	115667 116406	14 120 14 90	09.12-	116024	12 1.1
500L 1.4	[843A1.000]	09.12-	114462	14 70	09.12-	113962	12 0.9
	[940B7.000]	10.13- 10.13-	114806 115874	14 120 14 120 A49	10.13-	113962	12 0.9
500L 1.4 LPG	[940B7.000]	02.14- 02.14-	114806 115874	14 120 14 120 A49	A25 02.14-	115399	12 1.4
500L 1.6 Multijet	[199B5.000]	09.12-	116094	14 120			
	[955A3.000]	09.13- 09.13- 09.13-	116094 116372 116761	14 120 14 150 14 150			
500X 1.4 LPG	[55277701]	03.17- 03.17-	114806 115874	14 120 14 120	03.17- 03.17-	113962 115400	12 0.9 12 1.4
500X 1.4	[55263624]	09.14-	115457	14 120	09.14-	115399	12 1.4
500X 1.6 Multijet	[55260384]	09.14- 09.14- 09.14-	116094 116372 116761	14 120 14 150 14 150	09.14-	115717	12 1.7
500X 2.0 Multijet	[55263088]	09.18- 09.18- 09.18-	116094 116372 116761	14 120 14 150 14 150			
500X 2.0 Multijet 4x4	[55263087]	09.14- 09.14- 09.14-	116094 116372 116761	14 120 14 150 14 150	09.14-	115717	12 1.7
	[55263088]	09.14- 09.14- 09.14-	116094 116372 116761	14 120 14 150 14 150	09.14-	115717	12 1.7
Albea 1.2 i.e. 16V	[188A5.000]	01.02-	113718	14 70			
Albea 1.2 i.e. 8V	[188A4.000]	01.02-	113718	14 70			



Albea 1.4	[350A1.000]	01.07- 01.07- 01.07- 01.07-	113718 114462 115615 115647	14 70 14 70 14 105 14 90	01.07-	113962	12 0.9
Argenta 1.6 1600	[132D.000]	06.81- 11.85 ATAC 06.81- 11.85	110912 111620	14 55 14 65			
Argenta 1.6 i.e. 1600		04.81- 12.85	110912	14 55			
Argenta 2.0 2000	[132C2.000]	AT 06.81- 11.85 AC 06.81- 11.85	110912 111620	14 55 14 65			
Argenta 2.0 2000 Volumax		06.84- 07.85	110912	14 55			
Argenta 2.0 i.e. 2000	[132C3.000]	ATAC 06.81- 11.85 AT 06.81- 11.85	111620 110912	14 65 14 55			
Argenta 2.5 Diesel 2500	[8144.61]	06.81- 11.85 06.81- 11.85	110890 111686	14 55 14 65	Change pulley		
Argenta 2.5 TD	[8144.61.500.81]	07.83- 11.85 AC 07.83- 11.85	110890 111686	14 55 14 65	Change pulley		
Barchetta 1.8 16V	[183A1.000]	04.95- 04.95- 09.00	111413 113942	14 90 14 100	04.95-	111685	12 1.4
	[188A6.000]	10.00- Eng. -2988825 04.95-	113942 111413	14 100 14 90	04.95-	111685	12 1.4
Brava 1.2 16V	[182B2.000]	AC 12.98- 10.00	115476	14 85			
	[188A5.000]	AC 10.00-	113535	14 85	10.00-	111422	12 0.8
Brava 1.4	[182A5.000]	PS 10.95-	111413	14 90	10.95-	112124	12 0.9
Brava 1.4 12V	[182A3.000]	PS 10.95-	111413	14 90	10.95-	112124	12 0.9
Brava 1.6 16V EL	[182A6.000]	PS 10.95-	111689	14 65	10.95-	111685	12 1.4
Brava 1.6 16V SX	[182A4.000]	PS 02.96- AC 11.98-	111689 112190	14 65 14 90	02.96-	111420	12 0.9
Brava 1.8 16V GT	[182A2.000]	10.95- 10.01 10.95- 10.01	113939 113942	14 100 14 100	10.95- 10.01	113430	12 1.8
Brava 1.9 Diesel	[160A7.000]	10.95-	111416	14 65	AT 10.95-	112445	12 1.1 A49
Brava 1.9 JTD	[182B4.000]	12.98- 12.98- 10.01 12.98- 10.01	113336 113942 113943	14 120 14 100 14 100	182A... AT 12.98- 12.98- 10.01 12.98- 10.01	111420 113931 116336	12 0.9 12 1.7 12 1.1
	[182B9.000]	09.00- 10.01 AC 09.00- 10.01	113943 113336	14 100 14 120	09.00- 10.01	111422	12 0.8
Brava 1.9 TD	[182A7.000]	03.96- 10.01 03.96- 10.01	113939 113939	14 100 14 100	03.96- 10.01 03.96- 10.01	113430 113430	12 1.8 12 1.8
Bravo 1.2 16V	[182B2.000]	AC 12.98- 10.00	115476	14 85			
	[188A5.000]	AC 10.00-	113535	14 85	10.00-	111422	12 0.8
Bravo 1.4 LPG	[192B2.000]	11.09-	114462	14 70	11.09-	113931	12 1.7
Bravo 1.4	[182A3.000]	PS 10.95-	111413	14 90	10.95-	112124	12 0.9
	[182A5.000]	PS 10.95-	111413	14 90	10.95-	112124	12 0.9
	[192B2.000]	04.07-	114462	14 70	04.07-	113931	12 1.7
Bravo 1.4 16V	[198A7.000]	03.08- 03.08-	114806 115874	14 120 14 120 A49	03.08-	116045	12 1.4
Bravo 1.4 T-Jet	[198A1.000]	09.07- 09.07-	114806 115874	14 120 14 120 A49	09.07- 09.07-	116045	12 1.4
	[198A4.000]	09.07- 09.07- 09.07-	114462 114806 115874	14 70 14 120 14 120 A49	09.07- 09.07- 09.07-	113931 116045	12 1.7 12 1.4
Bravo 1.6 JTD	[198A3.000]	03.08- 12.14 03.08- 12.14 03.08- 12.14	113996 114493 115429	14 140 14 100 14 120	03.08- 12.14 03.08- 12.14	113962 116336	12 0.9 12 1.1
Bravo 1.6 Multijet	[198A2.000]	03.08- 03.08- 03.08-	113996 114493 115429	14 140 14 100 14 120	03.08- 03.08-	113962 113931	12 0.9 12 1.7
	[198A3.000]	03.08- 03.08- 03.08-	113996 114493 115429	14 140 14 100 14 120	A13 03.08- 03.08-	113430 113931	12 1.8 12 1.7
	[199A6.000]	03.08- 03.08-	114493 115429	14 100 14 120	A25 03.08-	115312	12 1.1
Bravo 1.6	[182A6.000]	10.95-	111689	14 65	AT 10.95-	112445	12 1.1 A49
Bravo 1.6 SX	[182A4.000]	03.96- AC 11.98-	111689 112190	14 65 14 90	03.96-	111685	12 1.4
Bravo 1.8 GT	[182A2.000]	10.95- 10.01	113939	14 100	10.95- 10.01	111422	12 0.8
Bravo 1.9 Diesel	[160A7.000]	10.95-	111416	14 65	10.95-	112445	12 1.1 A49
Bravo 1.9 JTD	[182B4.000]	12.98- 12.98- 10.01 12.98- 10.01	113336 113942 113943	14 120 14 100 14 100	12.98- 12.98- 10.01	111685 113430	12 1.4 12 1.8
	[182B9.000]	09.00- 10.01 AC 09.00- 10.01	113943 113336	14 100 14 120	09.00- 10.01 09.00- 10.01	113430 111420	12 1.8 12 0.9
Bravo 1.9 Multijet	[192A1.000]	11.06- 11.06-	113336 114494	14 120 14 90	11.06- 11.06-	111420 116045	12 0.9 12 1.4
	[192A8.000]	04.07-	114494	14 90	04.07-	116045	12 1.4
	[192B5.000]	04.07- 12.08	114494	14 90	04.07- 12.08	116045	12 1.4
	[937A5.000]	04.07-	114204	14 120	04.07-	113962	12 0.9
Bravo 1.9 TD	[182A7.000]	03.96- 10.01	113939	14 100	03.96- 10.01	113430	12 1.8
Bravo 2.0 Multijet	[198A5.000]	09.08- 09.08- 09.08-	113996 114493 115932	14 140 14 100 14 120	09.08- 09.08- A42 09.08-	113962 113931	12 0.9 12 1.7
	[844A2.000]	09.08- 09.08-	114493 115932	14 100 14 120	09.08-	116336	12 1.1
Campagnola 2.0	[6132AZ2.000]	06.74- 10.89 06.79- 10.86	110912 110890	14 55 14 55	06.79- 10.86	111693	12 2.5
Campagnola 2.4 Diesel	[Sofim-8144.61.200]	06.74- 10.89	110890	14 55			
Cinquecento 0.9	[1170A1.046]	07.91- 02.98	111687	14 55	07.91- 02.98	111585	12 0.8
	[170A1.000]	07.91- 12.93	111687	14 55	07.91- 12.93	111585	12 0.8
Cinquecento 0.9 i.e.	[1170A1.046]	07.91- 07.98	111687	14 55	07.91- 07.98	111585	12 0.8
	[170A1.046]	07.91- 12.93	111687	14 55	07.91- 12.93	111585	12 0.8
Cinquecento 1.1	[176B2.000]	10.94- 02.98 10.94- 02.98	111036 113471	14 45 14 65	10.94- 02.98 10.94- 02.98	111585 111422	12 0.8 12 0.8
Cinquecento 1.1 Sporting	[176B2.000]	10.94- 01.98 AC 10.94-	113533 113471	14 65 14 65	10.94- Change pulley	111422	12 0.8
Coupe 1.8 16V	[183A1.000]	03.96- 08.00	113942	14 100	03.96- 08.00	111685	12 1.4
Coupe 2.0 16V	[836A3.000]	04.94- 09.96	111620	14 65	04.94- 09.96	111685	12 1.4
Coupe 2.0 20V	[182B3.000]				04.98-	111685	12 1.4
Coupe 2.0 Turbo 16V	[175A1.000]	03.94-	111620	14 65	03.94-	111685	12 1.4
Croma 1.6	[154A.048]	12.85- 02.89 12.85- 06.90 12.85- 06.90	110912 111620 113187	14 55 14 65 14 85	12.85- 02.89 12.85- 06.90	112537 113931	12 2.2 12 1.7



FIAT Continued

Croma 1.9 MJTD	[939A1.000]	RHD	04.06- 12.11	113996	14	140			
		RHD	04.06- 12.11	115429	14	120			
		LHD	04.06- 12.11	113955	14	105			
		LHD	04.06- 12.11	114493	14	100			
Croma 1.9 Multijet	[939A1.000]		06.05-	113996	14	140			
			06.05-	114204	14	120			
	[939A2.000]		06.05-	113996	14	140			
			06.05-	114204	14	120			
	[939A7.000]		06.05-	113955	14	105			
			06.05-	113996	14	140			
	[939A8.000]		12.05-	113955	14	105			
			12.05-	114493	14	100			
Croma 1.9 TD	[154C6.000]		03.88- 10.92	111620	14	65	03.88- 10.92	113931	12 1.7
			05.89- 10.92	113187	14	85			
Croma 1.9 TDDi	[154D1.000]		11.92- 12.96	111620	14	65	11.92- 12.96	113931	12 1.7
Croma 2.0 2000 CHT	[154A1.000]		12.85- 01.87	110912	14	55	12.85- 01.87	112537	12 2.2
			12.85- 02.89	111620	14	65	12.85- 02.89	112541	12 2.2
			12.85- 02.89	113187	14	85			
	[154C5.000]		01.91- 09.92	111620	14	65	01.91- 09.92	113931	12 1.7
Croma 2.0 16V	[154E1.000]		08.92- 03.98	112681	14	80			
Croma 2.0 i.e. Turbo	[834C.146]		11.86- 09.90	111620	14	65			
		AC	11.86- 07.90	112453	14	85			
Croma 2.0 i.e. Turbo 2000	[154A2.000]		12.85- 09.90	111620	14	65	12.85- 09.90	113430	12 1.8
			12.85- 09.90	112453	14	85			
	[154C4.046]		10.90- 08.96	111620	14	65			
			06.87- 09.90	111620	14	65			
	[834C.146]		06.87- 09.90	111620	14	65			
		AC	06.87- 07.90	112453	14	85			
Croma 2.0 i.e. 2000	[154C3.000]		03.87- 09.90	113187	14	85			
			10.87- 08.96	111620	14	65	10.87- 08.96	114234	12 2.0
	[154C3.046]		10.87- 09.90	113187	14	85			
		AC	10.87- 07.90	112453	14	85			
	[834B.000]		03.87- 09.92	111620	14	65	03.87- 09.92	115360	12 1.4
			03.87- 09.90	113187	14	85			
	[834B.048]		03.86- 09.90	111620	14	65	03.86- 09.90	114298	12 1.1
			03.86- 09.90	113187	14	85			
	[834B.146]		03.86- 09.90	112453	14	85			
		AC	03.86- 09.90	112453	14	85			
			10.87- 09.90	113187	14	85	11.92- 08.96	114124	12 1.8
			11.92- 08.96	111620	14	65			
Croma 2.4 Multijet	[939A3.000]		06.05-	114749	14	150			
Croma 2.5 Diesel	[8144.67]		12.85-	111686	14	65			
			12.85- 12.89	112453	14	85			
			12.91- 08.96	111686	14	65			
Croma 2.5 TD	[8144.975]		12.91- 08.96	111686	14	65			
		AC	12.91- 08.96	112453	14	85			
Croma 2.5 TD 2500	[8144.91.2000]		12.85-	111686	14	65			
		AC	12.85- 08.89	112453	14	85			
	[8144.97]		12.85- 12.96	112453	14	85			
			05.89- 08.96	111686	14	65			
DB9 Coupe 1.2 Multijet	[330A1.000]		03.16-	115346	14	120	03.16-	115400	12 1.4
Doblo 1.2 JTD 16V	[188A9.000]		09.05- 12.06	113722	14	90	09.05- 12.06	114035	12 1.3
			09.05- 12.06	114451	14	105	A25 09.05- 12.06	115399	12 1.4
Doblo 1.2 Multijet	[199A3.000]		02.10-	113721	14	75 A49	02.10-	113962	12 0.9
			02.10-	115852	14	105	02.10-	114035	12 1.3
			02.10-	116330	14	75			
		Direct AT	02.10-	113722	14	90 A49			
	[225A2.000]	Direct AT	02.10-	115963	14	90			
			03.16-	115346	14	120	03.16-	116045	12 1.4
	[263A2.000]		02.10-	112721	14	55	02.10-	113430	12 1.8
			02.10-	115852	14	105	02.10-	114035	12 1.3
		Direct AT	02.10-	113722	14	90 A49			
		Direct AT	02.10-	115963	14	90			
	[263A6.000]		11.13-	113721	14	75	11.13-	113962	12 0.9
			11.13-	113722	14	90	11.13-	113931	12 1.7
			11.13-	114451	14	105	A25 11.13-	115399	12 1.4
			11.13-	115346	14	120	11.13-	116045	12 1.4
			11.13-	115384	14	120			
			11.13-	115667	14	120			
			11.13-	115852	14	105			
			11.13-	115963	14	90			
Doblo 1.2 i.e. 8V	[223A5.000]		03.16-	115346	14	120	03.16-	116045	12 1.4
			03.01-	111411	14	75	03.01-	112445	12 1.1 A49
			03.01-	115664	14	75	04.02-	116045	12 1.4
			03.01-	115665	14	75	03.01-	113719	12 1.3
			04.02-	114899	14	70			
		PS	03.01-	113537	14	65			
Doblo 1.3 16V JTD Cargo	[223A9.000]	AC	08.06-	113722	14	90 A49	08.06-	114035	12 1.3
		AC	08.06-	114451	14	105	A25 08.06-	115399	12 1.4
		AC	08.06-	115963	14	90			
Doblo 1.3 JTD 16V	[188A8.000]		05.04-	113721	14	75 A49	05.04-	113962	12 0.9
			05.04-	116330	14	75	05.04-	113931	12 1.7
		AC	05.04-	113722	14	90 A49	A25 05.04-	115399	12 1.4
		AC	05.04-	114451	14	105			
	[188A9.000]	AC	05.04-	115963	14	90			
			05.04-	113721	14	75 A49	05.04-	113719	12 1.3
			05.04-	116330	14	75	05.04-	113962	12 0.9
		AC	05.04-	113722	14	90 A49	05.04-	113931	12 1.7
		AC	05.04-	114451	14	105			
		AC	05.04-	115963	14	90			
Doblo 1.3 Multijet	[199A2.000]		10.05-	115668	14	90	10.05-	113962	12 0.9
		AC	10.05-	113722	14	90 A49	A25 10.05-	115399	12 1.4
		AC	10.05-	114451	14	105			
		AC	10.05-	115963	14	90			
	[199A3.000]		02.10-	113721	14	75 A49	02.10-	113719	12 1.3
			02.10-	115852	14	105	02.10-	113962	12 0.9
			02.10-	116330	14	75			
		AC	02.10-	113722	14	90 A49			
		AC	02.10-	115963	14	90			



	[223A9.000]	AC 10.05-	113722	14 90	A49	10.05-	113962	12 0.9	
		AC 10.05-	114451	14 105		A25 10.05-	115399	12 1.4	
		AC 10.05-	115963	14 90					
	[263A2.000]	02.10-	115852	14 105					
Doblo 1.4	[198A4.000]	06.10-	114806	14 120		06.10-	116045	12 1.4	
		06.10-	115874	14 120	A49	10.11-	116336	12 1.1	
	[350A1.000]	10.05-	114462	14 70		A25 10.05-	115399	12 1.4	
		10.05-	115647	14 90					
	[843A1.000]	02.10-	113535	14 85		02.10-	113719	12 1.3	
		02.10-	114462	14 70		02.10-	115399	12 1.4	
		02.10-	115615	14 105		02.10-	115717	12 1.7	
		02.10-	115620	14 105					
		02.10-	115647	14 90		04.10-	114321	12 2.0	BO
		04.10-	114706	14 120					
Doblo 1.4 Cargo	[843A1.000]	02.10-	113535	14 85		02.10-	113719	12 1.3	
		02.10-	114462	14 70		02.10-	115399	12 1.4	
		02.10-	114706	14 120		A25 02.10-	115312	12 1.1	
		02.10-	115620	14 105		02.10-	115717	12 1.7	
		02.10-	115647	14 90					
Doblo 1.4 Cargo Natural Power	[198A4.000]	06.10-	114806	14 120		06.10-	114321	12 2.0	BO
		06.10-	115874	14 120	A49				
Doblo 1.4 Natural Power	[198A4.000]	02.10-	114806	14 120		02.10-	116336	12 1.1	
		02.10-	115874	14 120	A49				
Doblo 1.6 16V Multijet	[263A4.000]	02.10-	114493	14 100		A25 02.10-	115400	12 1.4	
		02.10-	115429	14 120		02.10-	115869	12 1.3	A49
		02.10-	116649	14 150					
Doblo 1.6 16V Multijet Cargo	[198A3.000]	02.10-	114493	14 100		A25 02.10-	115400	12 1.4	
		02.10-	115429	14 120		02.10-	116045	12 1.4	
		02.10-	116649	14 150					
Doblo 1.6 Multijet	[198A3.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4	
		02.10-	115429	14 120		02.10-	115400	12 1.4	
		02.10-	116649	14 150		02.10-	115869	12 1.3	A49
	[263A3.000]	02.10-	114493	14 100		02.10-	115399	12 1.4	
		02.10-	115429	14 120		02.10-	116045	12 1.4	
		02.10-	116649	14 150		A25 03.16-	115312	12 1.1	
	[263A4.000]	02.10-	114493	14 100		03.16-	115869	12 1.3	A49
		02.10-	115429	14 120		02.10-	115400	12 1.4	
		02.10-	116649	14 150		02.10-	115869	12 1.3	A49
	[263A7.000]	03.15-	114493	14 100		A25 03.15-	115312	12 1.1	
		03.15-	115429	14 120		03.15-	115717	12 1.7	
		03.15-	116404	14 150		03.15-	115869	12 1.3	
	[940C1.000]	03.15-	114493	14 100		A25 03.15-	115312	12 1.1	
		03.15-	115429	14 120		03.15-	115869	12 1.3	
		03.15-	116649	14 150		02.16-	116045	12 1.4	
Doblo 1.6 Multijet Cargo	[263A3.000]	02.11-	114493	14 100		A25 02.11-	115312	12 1.1	
		02.11-	115429	14 120		02.11-	115869	12 1.3	A49
		02.11-	116649	14 150					
	[263A4.000]	02.10-	114493	14 100		02.10-	115400	12 1.4	
		02.10-	115429	14 120		02.10-	115869	12 1.3	A49
Doblo 1.6 i.e. 16V	[182B6.000]	10.01-	112190	14 90		10.01-	113430	12 1.8	
Doblo 1.9 Diesel	[223A6.000]	03.01-	113338	14 65		03.01-	113430	12 1.8	
		03.01-	113943	14 100		03.01-	113719	12 1.3	
						03.01-	113931	12 1.7	
Doblo 1.9 JTD	[182B9.000]	10.01-	113943	14 100		10.01-	113931	12 1.7	
	[223A7.000]	07.03-	113943	14 100		07.03-	113931	12 1.7	
	[223B1.000]	07.03-	113943	14 100		07.03-	113931	12 1.7	
	[223B2.000]	10.01-	113943	14 100		10.01-	113931	12 1.7	
Doblo 1.9 Multijet	[186A9.000]	10.05-	113943	14 100		10.05-	113931	12 1.7	
Doblo 2.0 Multijet	[263A1.000]	02.10-	114493	14 100		02.10-	115399	12 1.4	
		02.10-	115429	14 120		02.10-	115400	12 1.4	
		02.10-	116649	14 150		02.10-	115869	12 1.3	A49
						02.10-	116045	12 1.4	
Doblo Monocab 1.6 Natural Power	[182B6.000]	02.04- 07.09	112190	14 90		02.04- 07.09	112445	12 1.1	A49
						02.04- 07.09	116336	12 1.1	
Doblo MPV 1.6 Natural Power	[182B6.000]	11.05- 07.09	112190	14 90		11.05- 07.09	112445	12 1.1	A49
						11.05- 07.09	116336	12 1.1	
						01.88- 08.90	112436	12 2.3	
Ducato 1.9 Diesel	[149B1.000]	01.88- 08.90	110912	14 55		01.88- 08.90	112436	12 2.3	
	[230A2.000]	03.94- 04.02	111802	14 75		03.94- 04.02	114054	12 2.5	
	[D9B]	04.98- 04.02	112298	14 80		04.98- 04.02	114054	12 2.5	
	[D9B (XUD9A)]	04.98- 04.02	112298	14 80	M38 Transmission type	04.98- 04.02	114054	12 2.5	
	[DJY]	04.98-	112230	14 80		04.98-	114054	12 2.5	
		04.98-	112298	14 80					
Ducato 1.9 Diesel Combinato	[230A2.000]	06.95-	111802	14 75	M38 Transmission type	06.95-	114054	12 2.5	
Ducato 1.9 Diesel Panorama	[149B1.000]	02.87- 08.90	110890	14 55		02.87- 08.90	111130	12 1.1	
		02.87- 08.90	110912	14 55		02.87- 08.90	111070	12 1.7	
		02.87- 08.90	111686	14 65		02.87- 08.90	113451	12 2.2	
		07.90- 03.94	111418	14 60		07.90- 03.94	112436	12 2.3	
		07.90- 03.94	115873	14 55	A49				
		03.94-	111802	14 75	M38 Transmission type	03.94-	114054	12 2.5	
		08.94-	111802	14 75	M38 Transmission type	08.94-	114054	12 2.5	
		01.90- 01.94	113187	14 85		01.90- 01.94	114833	12 1.7	
Ducato 1.9 TD	[230A3.000]	03.89- 03.94	110890	14 55		01.90- 08.90	115510	12 2.0	A49
		03.89- 03.94	110912	14 55		03.89- 03.94	111066	12 1.05	
		03.89- 03.94	111418	14 60		03.89- 07.90	111070	12 1.7	
		03.89- 03.94	111686	14 65		03.89- 03.94	112436	12 2.3	
		03.89- 03.94	115873	14 55	A49	03.89- 03.94	114054	12 2.5	
		03.89- 03.94				03.89- 08.90	113451	12 2.2	
	[DHX (XUD9TF/L)]	04.98-	111723	14 70		04.98-	113451	12 2.2	
		04.98-	112230	14 80		04.98-	114054	12 2.5	
		04.98-	112298	14 80					



FIAT Continued

Ducato 1.9 TD Panorama	[280A1.000]	03.89- 08.90	110890	14 55		03.89- 08.90	111066	12 1.05
		03.89- 08.90	110912	14 55		03.89- 08.90	111070	12 1.7
		03.89- 08.90	111686	14 65	Chas. -5546596	03.89- 08.90	113451	12 2.2
		01.90- 08.90	113187	14 85		01.90- 08.90	115510	12 2.0 A49
		07.90- 03.94	111418	14 60		07.90- 03.94	112436	12 2.3
		07.90- 03.94	115873	14 55	A49			
Ducato 2.0 JTD	[RHV (DW10)]	07.01- 04.02	112480	14 90		04.02-	114460	12 1.4
		07.01- 04.02	113503	14 120		07.01- 04.02	114054	12 2.5
		10.01-	112461	14 150		07.01- 04.02	114833	12 1.7
		10.01- 04.02	113640	14 150				
		10.01- 04.02	113946	14 90				
		04.02-	112460	14 150				
Ducato 2.0 Multijet 115	[250A1.000]	06.11-	114493	14 100				
		06.11-	115429	14 120				
		06.11-	116649	14 150				
Ducato 2.0	[RFL]	04.02- 07.06	112298	14 80	M38 Transmission type	04.02- 07.06	114054	12 2.5
		04.02-	112299	14 95		04.02- 07.06	113935	12 2.5
		04.02- 07.06	112772	14 120				
	[RFW (XU10J2U)]	03.94-	112298	14 80		03.94-	114054	12 2.5
		03.94-	112299	14 95		03.94- 04.02	113935	12 2.5
		AC 03.94- 04.02	112772	14 120				
Ducato 2.0 BioPower Bipower	[RFL]	04.02-	112772	14 120		04.02-	113935	12 2.5
Ducato 2.0	[RFL]	11.02- 07.06	112298	14 80		11.02- 07.06	114054	12 2.5
		11.02- 07.06	112772	14 120	A49	11.02- 07.06	113935	12 2.5
Ducato 2.2 Multijet	[4HV]	07.06-	113958	14 150		07.06-	114145	12 2.3 DR
		07.06-	115499	14 150	A49	07.06-	116327	12 2.2
Ducato 2.3 JTD	[F1AE0481C]	04.02-	113279	14 110		04.02-	114833	12 1.7
		04.02-	114765	14 140				
		12.09-	114306	14 180				
Ducato 2.3 Multijet	[F1AE0481D]	03.06-	113279	14 110		03.06-	114833	12 1.7
		07.06-	114306	14 180		07.06-	115717	12 1.7
		07.06-	114765	14 140				
		07.06-	115955	14 150				
		07.06-	116176	14 110				
		07.06-	116732	14 150				
		01.07-	115455	14 150				
		01.07-	116321	14 150				
	[F1AE0481N]	07.06-	116732	14 150		01.07-	114833	12 1.7
		01.07-	113279	14 110				
		01.07-	114306	14 180				
		01.07-	114765	14 140				
		01.07-	115455	14 150				
		01.07-	115955	14 150				
		01.07-	116176	14 110				
		01.07-	116321	14 150				
	[F1AE3481D]	01.07-	113279	14 110		01.07-	114833	12 1.7
		01.07-	114306	14 180				
		01.07-	114765	14 140				
		01.07-	115455	14 150				
		01.07-	115955	14 150				
		01.07-	116176	14 110				
		01.07-	116321	14 150				
		06.11-	116732	14 150				
	[F1AE3481E]	04.15-	115455	14 150				
		04.15-	116176	14 110				
		04.15-	116321	14 150				
		04.15-	116732	14 150				
	[F1AE3481G]	08.06-	114306	14 180				
		08.06-	115455	14 150				
		08.06-	116176	14 110				
		08.06-	116321	14 150				
		05.14-	116231	12 110				
Ducato 2.3 Multijet 150	[F1AE3481E]	06.11-	114306	14 180				
		06.11-	115455	14 150				
		06.11-	116176	14 110				
		06.11-	116321	14 150				
	[F1AGL411C]	12.15-	115455	14 150	A49			
		12.15-	116176	14 110				
		12.15-	116321	14 150				
		12.15-	116732	14 150				
Ducato 2.3 Multijet 180	[F1AGL411B]	12.15-	115455	14 150				
		12.15-	116176	14 110				
		12.15-	116321	14 150				
		12.15-	116732	14 150				
Ducato 2.3 Multijet 4x4	[F1AE0481N]	06.11-	114306	14 180				
		06.11-	115455	14 150				
		06.11-	116176	14 110				
		06.11-	116321	14 150				
	[F1AE3481D]	06.11-	116732	14 150				
		06.11-	114306	14 180		06.11-	116045	12 1.4
		06.11-	115455	14 150		06.11-	116327	12 2.2
		06.11-	116176	14 110				
	[F1AGL411A]	06.11-	116321	14 150				
		06.11-	116732	14 150				
		04.15-	115455	14 150				
		04.15-	116321	14 150				
	[F1AGL411C]	04.15-	116732	14 150				
		04.15-	116321	14 150				
		04.15-	116732	14 150				
	[F1AGL411D]	06.11-	114306	14 180		06.11-	116045	12 1.4
		06.11-	115455	14 150		06.11-	116327	12 2.2
		06.11-	116176	14 110				
		06.11-	116321	14 150				
		06.11-	116732	14 150				



	[F1AGL411M]	06.11-	114306	14 180		06.11-	116045	12 1.4
		06.11-	115455	14 150		06.11-	116327	12 2.2
		06.11-	116176	14 110				
		06.11-	116321	14 150				
		06.11-	116732	14 150				
Ducato 2.4 Diesel	[8144.61]	01.82- 12.85	110882	14 45		01.82- 12.85	111130	12 1.1
		01.82- 12.85	110890	14 55		01.82- 12.85	111066	12 1.05
		07.82- 12.85	111686	14 65		07.82- 12.85	113451	12 2.2
Ducato 2.4 Diesel Panorama	[8144.61]	07.82- 12.85	110882	14 45		07.82- 12.85	111130	12 1.1
		07.82- 12.85	110890	14 55		07.82- 12.85	113451	12 2.2
		07.82- 12.85	111686	14 65				
Ducato 2.4 TD 4x4	[8144.21]	01.86- 08.90	110890	14 55		01.86- 08.90	111070	12 1.7
Ducato 2.5 Diesel	[8140.67]	03.94- 04.02	112681	14 80		03.94- 04.02	113846	12 2.2
		Eng. -2976897	03.94-	111498	14 110	03.94-	112436	12 2.3
	[8144.67]	01.86- 08.90	110882	14 45		01.86- 08.90	111130	12 1.1
		01.86- 08.90	110890	14 55		01.86- 08.90	111070	12 1.7
Ducato 2.5 Diesel 4x4	[8140.67]	01.86- 08.90	111686	14 65	M38 Transmission type	01.86- 08.90	114054	12 2.5
		03.94- 04.02	111498	14 110		03.94- 04.02	113451	12 2.2
	Eng. -2976897	03.94- 04.02	112681	14 80		03.94- 04.02	113935	12 2.5
		Eng. -2976897				03.94-	112026	12 2.6
Ducato 2.5 Diesel 4x4	[8144.67]	03.89- 08.90	110890	14 55		03.89- 08.90	111070	12 1.7
		03.89- 08.90	111418	14 60		03.89- 08.90	112436	12 2.3
	Eng. -2976897	03.89- 08.90	111686	14 65		03.89- 08.90	114054	12 2.5
		03.89- 08.90	115873	14 55 A49				
Ducato 2.5 Diesel Panorama	[8144.67]	01.86- 08.90	110890	14 55		01.86- 08.90	111070	12 1.7
		01.86- 08.90	111686	14 65		01.86- 08.90	114054	12 2.5
	Eng. -2976897	07.90- 03.94	111066			07.90- 03.94	111066	12 1.05
		Eng. -2976897				07.90- 03.94	113451	12 2.2
Ducato 2.5 Diesel Panorama 4x4	[8144.67]	01.87- 08.90	110890	14 55	Chas. -5546596	01.87- 08.90	111066	12 1.05
		01.87- 08.90	111686	14 65		01.87- 08.90	113451	12 2.2
	Eng. -2976897	07.90- 03.94	111066			07.90- 03.94	111066	12 1.05
		Eng. -2976897				07.90- 03.94	113451	12 2.2
Ducato 2.5 TD	[8140.27]	07.90- 03.94	110890	14 55		07.90- 03.94	111070	12 1.7
		07.90- 03.94	111686	14 65		07.90- 03.94	111130	12 1.1
	[8144.21]	01.86- 08.90	110882	14 45		01.86- 08.90	111130	12 1.1
		01.86- 08.90	110890	14 55		01.86- 08.90	113451	12 2.2
Ducato 2.5 TD 4x4	[8140.27]	07.90- 03.94	110890	14 55		07.90- 03.94	111066	12 1.05
		07.90- 03.94	111418	14 60		07.90- 03.94	112436	12 2.3
	Eng. -2976897	07.90- 03.94	111686	14 65		07.90- 03.94	114054	12 2.5
		07.90- 03.94	115873	14 55 A49				
Ducato 2.5 TD Panorama	[8140.27]	08.90- 03.94	110890	14 55		08.90- 03.94	111070	12 1.7
		08.90- 03.94	111686	14 65		08.90- 03.94	114054	12 2.5
	[8144.21]	01.87- 08.90	110890	14 55	Chas. -5546596	01.87- 08.90	111066	12 1.05
		01.87- 08.90	111686	14 65		01.87- 08.90	113451	12 2.2
Ducato 2.5 TD Panorama 4x4	[8140.27]	01.91- 03.94	110890	14 55		01.91- 03.94	111066	12 1.05
		01.91- 03.94	111686	14 65		01.91- 03.94	114054	12 2.5
	[8144.21]	01.86- 08.90	110890	14 55	Chas. -5546596	01.86- 08.90	111066	12 1.05
		01.86- 08.90	111686	14 65		01.86- 08.90	113451	12 2.2
Ducato 2.5 TDi	[8140.47]	Eng. -2976897	03.94-	111498	14 110	03.94-	112436	12 2.3
		Eng. -2976897	03.94-	112681	14 80	03.94-	114054	12 2.5
	[8140.47R]	03.94- 04.02	112681	14 80		03.94- 04.02	113959	12 2.0
		Eng. -2976897	03.94- 04.02	111498	14 110	03.94- 04.02	112026	12 2.6
Ducato 2.5 TDi 4x4	[8140.47]	Eng. -2976897	03.94- 04.02	111498	14 110	03.94- 04.02	112026	12 2.6
		Eng. -2976897	03.94- 04.02	112681	14 80	03.94- 04.02	113846	12 2.2
	Eng. -2976897	07.94-	112436			07.94-	112436	12 2.3
		Eng. -2976897						
Ducato 2.5 TDi Maxi	[8140.47]	Eng. -2976897	03.94-	111498	14 110	03.94-	112436	12 2.3
		Eng. -2976897	03.94-	112681	14 80	03.94-	113959	12 2.0
	Eng. -2976897	07.94-	112436			07.94-	112436	12 2.3
		Eng. -2976897						
Ducato 2.8 Diesel	[8140.63]	Eng. -2976897	02.98-	112681	14 80	02.98-	112026	12 2.6
		Eng. -2976897	02.98-	111498	14 110	02.98-	112436	12 2.3
	Eng. -2976897	02.98- 04.02	114684	14 120		02.98-	113846	12 2.2
		Eng. -2976897				02.98-	113935	12 2.5
Ducato 2.8 Diesel 4x4	[8140.63]	08.98-	111498	14 110		08.98-	112026	12 2.6
		08.98-	112681	14 80		08.98-	113846	12 2.2
	Eng. -2976897	08.98- 04.02	114684	14 120				
		Eng. -2976897						
Ducato 2.8 JTD	[8140.43N]	05.04-	113247	14 120		05.04-	115501	12 2.5 A49
		05.04-	113950	14 90		05.04-	114145	12 2.3 DR
	[8140.43S]	05.04-	114680	14 150				
		11.00-	113247	14 120		04.02-	114145	12 2.3 DR
Ducato 2.8 JTD 4x4	[8140.43S]	11.00- 04.02	113950	14 90		11.00-	113935	12 2.5
		11.00- 04.02	114680	14 150		11.00-	115501	12 2.5 A49
	Eng. -2976897	11.00- 04.02	114680	14 150		11.00- 04.02	114460	12 1.4
		Eng. -2976897						
Ducato 2.8 TDi	[8140.43]	Eng. -2976897	10.97-	112681	14 80	10.97-	112436	12 2.3
		Eng. -2976897	10.97-	111498	14 110	10.97-	113451	12 2.2
	Eng. -2976897	10.97- 04.02	114684	14 120		10.97-	113846	12 2.2
		Eng. -2976897				10.97-	113935	12 2.5
Ducato 2.8 TDi 4x4	[8140.43]	06.99- 04.02	114684	14 120		07.99-	112026	12 2.6
		07.99-	111498	14 110		07.99-	113846	12 2.2
	Eng. -2976897	07.99-	112681	14 80				
		Eng. -2976897						
Ducato 3.0 Diesel 140 Natural Power	[F1CE0441A]	04.09-	114082	14 180 A49		04.09-	116327	12 2.2
		04.09-	114705	14 140				
	Eng. -2976897	04.09-	115490	14 140 A49				
		04.09-	116043	14 180				
Ducato 3.0 JTD 160 Multijet Power	[F1CE0481D]	07.06-	114082	14 180 A49		07.06-	116327	12 2.2
		07.06-	114705	14 140				
	Eng. -2976897	07.06-	115452	14 150				
		07.06-	115490	14 140 A49				
Ducato 3.0 JTD Multijet Power	[F1CE0481D]	07.06-	116043	14 180				
		07.06-	114082	14 180 A49		07.06-	116327	12 2.2 A49
	Eng. -2976897	07.06-	114705	14 140				
		07.06-	115452	14 150				
Ducato 3.0 JTD Multijet Power	[F1CE0481D]	07.06-	115490	14 140 A49				
		07.06-	116043	14 180				
	Eng. -2976897	07.06-	114082	14 180 A49		07.06-	116327	12 2.2 A49
		07.06-	114705	14 140				

FIAT Continued

	[F1CE3481M]	07.06- 07.06- 07.06- 07.06- 07.06-	114082 114705 115452 115490 116043	14 180 A49 14 140 14 150 14 140 A49 14 180	07.06-	116327	12 2.2	
Ducato 3.0 Multijet	[F1CE3481E]	06.11- 06.11- 06.11- 06.11-	114082 115458 116043 116177	14 180 A49 14 150 A49 14 180 14 150	06.11-	116327	12 2.2	
Ducato 3.0 Multijet 150	[F1CE3481N]	04.10- 04.10- 04.10- 04.10- 04.10-	114082 114705 115452 115490 116043	14 180 A49 14 140 14 150 14 140 A49 14 180	04.10-	116327	12 2.2 A49	
Ducato 3.0 Multijet 160	[F1CE3481M]	07.06- 07.06- 07.06- 07.06- 07.06-	114082 114705 115452 115490 116043	14 180 A49 14 140 14 150 14 140 A49 14 180	07.06-	116327	12 2.2	
Ducato 3.0 Multijet 4x4	[F1CE0481D]	07.06- 07.06- 07.06- 07.06- 07.06- 07.06- 07.06-	114082 114705 114802 115452 115490 116043 116200	14 180 14 140 14 60 14 150 14 140 14 180 14 110	07.06-	116327	12 2.2	
	[F1CE3481M]	07.06- 07.06- 07.06- 07.06- 07.06- 07.06- 07.06-	114082 114705 114802 115452 115490 116043 116200	14 180 14 140 14 60 14 150 14 140 14 180 14 110	07.06-	116327	12 2.2	
Ducato 3.0 Natural Power	[F1CE0441A]	04.09- 04.09- 04.09-	114705 115490 116043	14 140 14 140 A49 14 180				
Ducato 3.0 140 Natural Power M90	[F1CE0441A]	04.09- 04.09- 04.09- 04.09-	114082 114705 115490 116043	14 180 A49 14 140 14 140 A49 14 180	04.09-	116327	12 2.2	
Ducato Bus 2.0 LPG	[RFL]	11.02- 07.06 11.02- 07.06	112298 112772	14 80 14 120 A49	11.02- 07.06	111130	12 1.1	
Ducato Van 2.5 TD	[8144.21]	02.87- 02.91	110890	14 55	02.87- 02.91	113846	12 2.2	
Duna 1.1	[146A6.000]	01.87- 12.91	111035	14 65				
Duna 1.3	[146A5.000]	01.87- 12.91	111035	14 65				
Duna 1.7 Diesel DS	[149B3.000]	01.86- 12.91	110912	14 55	01.86- 12.91	111619	12 1.7	
Elba 1.3	[127A2.011]	04.86- 12.93	111035	14 65				
Elba 1.5	[149C1.000]	01.92- 12.96	111148	14 65				
	[149C3.000]	01.92- 12.96	111035	14 65				
Elba 1.7 Diesel	[146B2.000]	04.89- 12.96 04.89- 12.96	112719 116331	14 55 A49 14 55				
Fiorino 0.9	[100GL.000]	10.77- 10.81	111078	14 45	10.77- 10.81	111025	12 0.8	
Fiorino 1.0	[127A.000]	01.78- 12.87	111035	14 65	01.78- 12.87	110365	12 0.8	
	Eng. 1366252-				10.82- 10.87	111619	12 1.7	
Fiorino 1.0		05.95- 11.95	110360	14 45	05.95- 11.95	110584	12 1.2	
Fiorino 1.05	[127A.000]	01.80- 12.87 01.80- 12.87	111180 116133	14 33 14 33 A49	01.80- 12.87	111025	12 0.8	
Fiorino 1.1	[146A9.000]	Eng. 3319637- 11.86- 04.88	111035	14 65	11.86- 04.88	111994	12 0.7	
	[156A.000]	Eng. 3319637- 09.87- 12.88	111035	14 65	09.87- 12.88	111994	12 0.7	
Fiorino 1.2 Multijet	[225A2.000]	03.15-	115852	14 105				
Fiorino 1.3 Multijet	[199A2.000]	11.07-	113721	14 75 A49	A25 11.07-	115400	12 1.4	
		11.07-	115384	14 120	11.07-	115869	12 1.3 A49	
		11.07-	115667	14 120				
		11.07-	115668	14 90				
		11.07-	116330	14 75				
		11.07-	116406	14 90				
		AC 11.07-	113722	14 90 A49				
		AC 11.07-	115963	14 90				
		11.07-	113721	14 75 A49	11.07-	115869	12 1.3 A49	
		11.07-	113722	14 90 A49				
		11.07-	115384	14 120				
		11.07-	115667	14 120				
		11.07-	115668	14 90				
		11.07-	115963	14 90				
		11.07-	116330	14 75				
		11.07-	116406	14 90				
Fiorino 1.3 Multijet QUBO	[199A2.000]	10.09-	115346	14 120				
		10.09-	115852	14 105				
		01.07-	113722	14 90 A49	01.07-	115869	12 1.3 A49	
		01.07-	115963	14 90				
	[199A2.000]	02.08-	113721	14 75 A49	02.08-	115400	12 1.4	
		02.08-	115346	14 120 ND	02.08-	115869	12 1.3 A49	
		02.08-	115384	14 120				
		02.08-	115667	14 120				
		02.08-	115668	14 90				
		02.08-	116330	14 75				
		02.08-	116406	14 90				
		AC 02.08-	113722	14 90 A49				
		AC 02.08-	115963	14 90				
		Fiorino 1.3	[146A5.000]	09.93- 12.01	111035	14 65	09.93- 12.01	111619
Eng. 3319637-					12.87- 08.93	111994	12 0.7	
Fiorino 1.4	[350A1.000]	01.07-	113575	14 80	01.07-	113719	12 1.3	
		10.09-	113718	14 70	A25 10.09-	115400	12 1.4	
		[KFT]	11.07-	113575	14 80	11.07-	113962	12 0.9
		[KFV]	11.07-	113575	14 80	11.07-	113719	12 1.3
Fiorino 1.4 QUBO	[KFT]	02.08-	113575	14 80	02.08-	113962	12 0.9	
		02.08-	113575	14 80	02.08-	113719	12 1.3	
Fiorino 1.4 Natural Power		06.08-	113718	14 70	A25 06.08-	115400	12 1.4	
Fiorino 1.5		11.94- 09.96	110360	14 45	11.94- 09.96	110584	12 1.2	



Fiorino 1.5 i.e.	[149C1.000]	05.88- 12.93	111035	14 65	05.88- 12.93	111619	12 1.7
		05.88- 12.93	111148	14 65	05.88- 12.93	110584	12 1.2
Fiorino 1.7 Diesel	[146B2.000]	05.88-	112719	14 55 A49	05.88-	111619	12 1.7
		05.88- 10.96	116331	14 55	09.93- 12.97	113752	12 1.8
	[149B3.000]	05.88- 05.00	116331	14 55	12.87- 12.93	113719	12 1.3
		12.87- 12.93	112719	14 55 A49	05.88- 12.93	113752	12 1.8
Fiorino 1.7 TD	[146D7.000]	01.97-	110912	14 55 Change pulley	01.97-	110584	12 1.2
		01.97- 05.01	11568	14 85	01.97- 05.01	111619	12 1.7
		01.97- 05.01	112719	14 55 A49	01.97- 05.01	113752	12 1.8
		01.97- 05.01	116331	14 55			
Fiorino MPV 1.1	[146A9.000]	01.88- 10.92	110360	14 45	01.88- 10.92	112124	12 0.9
		01.88- 10.92	111035	14 65	01.88- 10.92	113719	12 1.3
Fiorino MPV 1.2 Multijet	[199A2.000,199A9.000]	11.07-	113722	14 90			
		11.07-	115346	14 120			
		11.07-	115384	14 120			
		11.07-	115667	14 120			
		11.07-	115668	14 90			
		11.07-	115963	14 90			
		11.07-	116064	14 75			
		11.07-	116330	14 75			
		11.07-	116406	14 90			
	[199B1.000]	01.11-	113722	14 90			
		01.11-	115384	14 120			
		01.11-	115667	14 120			
		01.11-	115852	14 105			
		01.11-	115963	14 90			
		01.11-	116330	14 75			
Fiorino MPV 1.3	[146A5.000]	01.88- 10.92	110360	14 45	A42 01.88- 10.92	110584	12 1.2
		01.88- 10.92	111035	14 65	01.88- 10.92	111619	12 1.7
Fiorino MPV 1.4	[350A1.000]	07.14-	111990	14 70	07.14-	113962	12 0.9
		07.14-	113718	14 70	A25 07.14-	115400	12 1.4
	[KfV,KfT]	AC 11.07-	113575	14 80	A25 11.07-	115400	12 1.4
Fiorino MPV 1.4	[350A1.000]	06.08-	111990	14 70	06.08-	113962	12 0.9
		06.08-	113718	14 70			
Fiorino MPV 1.5	[149C1.000]	01.88- 10.92	111035	14 65	01.88- 10.92	113719	12 1.3
Fiorino MPV 1.7	[146B2.000]	01.88- 10.92	110890	14 55	01.88- 10.92	112124	12 0.9
Freemont 2.0 JTD	[939B5.000]	08.11-	115679	14 130	08.11-	116267	12 1.8
	[940A5.000]	08.11-	115679	14 130	08.11-	116267	12 1.8
Freemont 2.0 JTD 4x4	[939B5.000]	08.11-	115679	14 130	08.11-	116267	12 1.8
Fullback 2.5 Diesel 4x4	[4N15]	04.16-	116707	14 95			
Grande 1.3 Multijet	[199A2.000]	02.06- 06.13	113722	14 90	02.06- 06.13	113719	12 1.3
		02.06- 06.13	114451	14 105	02.06- 06.13	115869	12 1.3
		02.06- 06.13	115963	14 90			
Grande Punto 1.2 Multijet	[199A2.000]	04.08-	113721	14 75 A49	04.08-	113962	12 0.9
		04.08-	116330	14 75			
	[199A3.000]	02.06- 08.10	113722	14 90 A49	02.06- 08.10	113962	12 0.9
		02.06- 08.10	114451	14 105	02.06- 08.10	115400	12 1.4
		02.06- 08.10	115384	14 120			
		02.06- 08.10	115852	14 105			
		02.06- 08.10	115963	14 90			
		A41 02.06- 08.10	113720	14 75 A49			
		A41 02.06- 08.10	116064	14 75			
	[199B2.000]	07.08-	114451	14 105	07.08-	115400	12 1.4
Grande Punto 1.2	[169A4.000]	09.10-	114462	14 70	09.10-	115869	12 1.3 A49
		09.10-	115647	14 90			
	[199A.4000]	10.05-	113718	14 70	10.05-	113719	12 1.3
		10.05-	114462	14 70	A25 10.05-	115312	12 1.1
		10.05-	115615	14 105			
		10.05-	115620	14 105			
		10.05-	115647	14 90			
Grande Punto 1.2 LPG	[199A4.000]	07.08-	114462	14 70			
		07.08-	115615	14 105			
		07.08-	115647	14 90			
Grande Punto 1.3 Multijet	[199A2.000]	10.05-	113720	14 75 A49	10.05-	113962	12 0.9
		10.05-	113721	14 75 A49	10.05-	113931	12 1.7
		10.05-	114451	14 105			
		10.05-	116064	14 75			
		10.05-	116330	14 75			
		AC 10.05-	113722	14 90 A49			
		AC 10.05-	115963	14 90			
	[199A3.000]	10.05-	113720	14 75 A49	10.05-	113962	12 0.9
		10.05-	113721	14 75 A49	10.05-	113931	12 1.7
		10.05-	114451	14 105			
		10.05-	116064	14 75			
		10.05-	116330	14 75			
		AC 10.05-	113722	14 90 A49			
		AC 10.05-	115963	14 90			
	[199B4.000]	04.10-	115384	14 120			
		04.10-	115667	14 120			
		04.10-	116406	14 90			
	[223A9.000]	04.10-	115384	14 120			
		04.10-	115667	14 120			
		04.10-	116406	14 90			
Grande Punto 1.4 LPG	[350A1.000]	12.08-	114462	14 70	12.08-	115869	12 1.3 A49
		03.09-	113718	14 70	03.09-	113962	12 0.9
Grande Punto 1.4 Natural Power	[350A1.000]	03.09-	113535	14 85	03.09-	113430	12 1.8
		03.09-	115615	14 105			
		03.09-	115620	14 105			
Grande Punto 1.4	[350A1.000]	10.05-	113718	14 70	10.05-	113719	12 1.3
		10.05-	114462	14 70	A25 10.05-	115312	12 1.1
		AC 02.06- 06.13	113535	14 85	04.08-	115869	12 1.3 A49
		02.06- 06.13	115620	14 105	02.06- 06.13	113430	12 1.8
		AC 02.06- 06.13	115615	14 105	02.06- 06.13	113962	12 0.9
		AC 02.06- 06.13	114706	14 120			
Grande Punto 1.4 16V	[198A1.000]	09.07-	114806	14 120			
		09.07-	115874	14 120 A49			
	[199A6.000]	10.05-	114462	14 70	A25 10.05-	115312	12 1.1
Grande Punto 1.4 T-Jet	[198A4.000]	09.07-	114462	14 70	09.07-	115869	12 1.3 A49
		09.07-	114806	14 120			
		09.07-	115874	14 120 A49			



FIAT Continued

Grande Punto 1.4 Natural Power	[350A1.000]	07.08-	113718	14	70	07.08-	113719	12	1.3
		07.08-	114462	14	70	07.08-	115869	12	1.3 A49
		07.08-	115615	14	105				
		07.08-	115620	14	105				
Grande Punto 1.4 Natural Power	[350A1.000]	03.09- 12.12	113535	14	85	03.09- 12.12	113719	12	1.3
		03.09- 12.12	113718	14	70	03.09- 12.12	113962	12	0.9
		03.09- 12.12	115615	14	105				
		03.09- 12.12	115620	14	105				
Grande Punto 1.4 LPG	[350A1.000]	03.09- 12.12	113718	14	70	03.09- 12.12	113962	12	0.9
		03.09- 12.12	114462	14	70				
		03.09- 12.12	115620	14	105				
		AC 03.09- 12.12	114706	14	120				
Grande Punto 1.6 Multijet	[955A3.000]	AC 03.09- 12.12	115615	14	105				
Grande Punto 1.9 Multijet	[199A5.000]	07.08-	113996	14	140	07.08-	113962	12	0.9
		07.08-	114493	14	100				
Grande Punto 1.9 Multijet	[939A1.000]	10.05-	114204	14	120	10.05-	113931	12	1.7
		10.05-	114204	14	120	10.05-	113931	12	1.7
Idea 1.2 Multijet	[188A9.000]	06.06-	114493	14	100				
		10.04- 12.11	114451	14	105	10.04- 12.11	115869	12	1.3 A49
Idea 1.2 Multijet	[199A3.000]	10.04- 12.11	115963	14	90				
		04.05- 12.10	115963	14	90	04.05- 12.10	113962	12	0.9
Idea 1.2 Multijet	[199B1.000]	AC 04.05- 12.10	113722	14	90	04.05- 12.10	115869	12	1.3 A49
		AC 04.05- 12.10	114451	14	105				
Idea 1.2 16V	[188A5.000]	05.08-	113722	14	90 A49	05.08-	113962	12	0.9
		05.08-	115963	14	90				
Idea 1.3 JTD	[188A9.000]	A25 05.08-	115346	14	120				
		AC 01.04-	113535	14	85	01.04-	113719	12	1.3
Idea 1.3 JTD	[188A9.000]	01.04-	113721	14	75 A49	01.04-	113719	12	1.3
		01.04-	116330	14	75	01.04-	113962	12	0.9
Idea 1.3 Multijet	[199A3.000]	AC 01.04-	113722	14	90 A49	01.04-	113931	12	1.7
		AC 01.04-	114451	14	105				
Idea 1.3 Multijet	[199A3.000]	AC 01.04-	115963	14	90				
		10.05-	113721	14	75 A49	10.05-	113962	12	0.9
Idea 1.3 Multijet	[199A3.000]	10.05-	116330	14	75	A25 10.05-	115312	12	1.1
		AC 10.05-	113722	14	90 A49				
Idea 1.4 LPG	[350A1.000]	AC 10.05-	114451	14	105				
		AC 10.05-	115963	14	90				
Idea 1.4	[192B2.000]	03.09-	114462	14	70				
		12.03-	114462	14	70				
Idea 1.4	[350A1.000]	10.05-	113718	14	70	10.05-	113719	12	1.3
		10.05-	114462	14	70				
Idea 1.4 16V	[843A1.000]	01.04-	114462	14	70	01.04-	115869	12	1.3 A49
		AC 01.04-	113535	14	85	01.04-	113719	12	1.3
Idea 1.4	[843A1.000]	10.04- 12.12	114462	14	70				
		A25 10.04- 12.12	114706	14	120				
Idea 1.6 Multijet	[350A2.000]	05.08-	114493	14	100				
Idea 1.9	[188B2.000]	A42 10.04- 12.10	113943	14	100	10.04- 12.10	113931	12	1.7
		A42 10.04- 12.10	114494	14	90	10.04- 12.10	113719	12	1.3
Idea 1.9 JTD	[188B2.000]	A13 10.04- 12.10	113336	14	120				
		01.04-	113336	14	120	AC 01.04-	113430	12	1.8
Linea 1.2 Multijet	[199A3.000]	01.04-	113943	14	100	01.04-	113931	12	1.7
		01.04-	114494	14	90				
Linea 1.2 Multijet	[199A3.000]	10.06-	113722	14	90 A49	10.06-	113962	12	0.9
		10.06-	115346	14	120	10.06-	116045	12	1.4
Linea 1.2 Multijet	[199A3.000]	10.06-	115384	14	120				
		10.06-	115852	14	105				
Linea 1.2 Multijet	[199A3.000]	10.06-	115963	14	90				
		AC 10.06-	114451	14	105				
Linea 1.3 Multijet	[199A3.000]	06.07-	113721	14	75 A49	06.07-	113962	12	0.9
		06.07-	115852	14	105				
Linea 1.3 Multijet	[199A3.000]	06.07-	116330	14	75	06.07-	113931	12	1.7
		AC 06.07-	113722	14	90 A49				
Linea 1.3 Multijet	[199A3.000]	AC 06.07-	114451	14	105				
		AC 06.07-	115963	14	90				
Linea 1.4	[198A1.000]	09.10-	114806	14	120				
		09.10-	115874	14	120 A49				
Linea 1.4	[350A1.000]	06.07-	113535	14	85	06.07-	113719	12	1.3
		06.07-	114462	14	70	06.07-	115869	12	1.3 A49
Linea 1.4 T-Jet	[198A4.000]	06.07-	115615	14	105				
		06.07-	115647	14	90				
Linea 1.4 T-Jet	[198A4.000]	09.07-	114806	14	120				
		09.07-	115874	14	120 A49				
Linea 1.6 Multijet	[198A3.000]	06.09-	113996	14	140	06.09-	113843	12	1.1
		06.09-	114493	14	100				
Marea 1.2 16V	[182B2.000]	AC 10.98-	115476	14	85	10.98-	113430	12	1.8
Marea 1.4 i 16V	[182A3.000]	09.96-	111413	14	90	09.96-	112124	12	0.9
Marea 1.6 16V Bipower	[185A3.000]	AC 04.99-	112190	14	90	04.99-	116336	12	1.1
						04.99-	111685	12	1.4
Marea 1.6 16V	[186A4.000]					04.99-	116336	12	1.1
Marea 1.6 16V	[185A3.000]	04.97- 02.99	111689	14	65	04.97- 02.99	112445	12	1.1 A49
Marea 1.6 i 16V	[182A4.000]	03.99-	112190	14	90	AT 09.96-	112445	12	1.1 A49
		09.96-	111689	14	65	09.96-	116336	12	1.1
Marea 1.8 i 16V	[182A2.000]					03.99-	111685	12	1.4
		09.96-	113939	14	100	09.96-	111685	12	1.4
Marea 1.9 JTD	[182B4.000]	04.99- 01.01	113942	14	100	04.99- 01.01	113430	12	1.8
		04.99- 01.01	113943	14	100				
Marea 1.9 JTD	[186A6.000]	01.01-	113942	14	100	01.01-	113430	12	1.8
		01.01-	113943	14	100				
Marea 1.9 TD	[182A7.000]	AC 01.01-	113336	14	120	01.01-	111685	12	1.4
Marea 1.9 TD	[182A8.000]	09.96-	113939	14	100	09.96-	111420	12	0.9
		09.96-	113939	14	100	09.96-	111420	12	0.9
Marea 1.9 TD	[182B9.000]					09.96-	111685	12	1.4
						09.96-	111422	12	0.8
Marea 1.9 TD	[182A7.000]					09.96-	113430	12	1.8
Marea 1.9 TD	[182A7.000]	09.96-	113939	14	100	09.96-	111685	12	1.4
Marea 2.4 JTD	[185A6.000]					03.99-	113430	12	1.8
Marea 2.4 TD	[185A2.000]	09.96- 04.99	111413	14	90	09.96- 04.99	112124	12	0.9
		09.96- 04.99	113942	14	100	09.96- 04.99	111422	12	0.8
Marengo 1.9 Diesel	[160A7.000]					09.96- 04.99	113931	12	1.7
		01.93- 12.96	113187	14	85	01.93- 12.96	113430	12	1.8



Marengo 1.9 JTD	[186A6.000]	08.00- 09.02 AC 08.00- 09.02	113943 113336	14 100 14 120		08.00- 09.02	113430	12 1.8	
Marengo 1.9 TD	[182A8.000]					03.99- 09.02	113430	12 1.8	
Multipla 1.6 16V GPL	[182B6.000]	10.01- 06.10	112190	14 90		10.01- 06.10	112445 116336	12 1.1 12 1.1	A49
Multipla 1.6 16V Blupower	[182B6.000]	04.02- 12.10	112190	14 90		04.02- 12.10	112445 116336	12 1.1 12 1.1	A49
	[186A3.000]	AC 04.99-	112190	14 90		04.99- 06.10	116336 112445	12 1.1 12 1.1	A49
Multipla 1.6 16V Bipower	[186A4.000]	AC 04.99-	112190	14 90		04.99- 06.10	116336 112445	12 1.1 12 1.1	A49
Multipla 1.6 16V	[182A4.000]	AC 04.99-	112190	14 90		04.99-	112445	12 1.1	A49
Multipla 1.6 16V Bipower	[182B6.000]	AC 10.01-	112190	14 90		10.01- 06.10	116336 112445	12 1.1 12 1.1	A49
Multipla 1.6 Natural Power	[182B6.000]	11.08- 06.10	112190	14 90		11.08- 06.10	112445 116336	12 1.1 12 1.1	A49
Multipla 1.9 JTD	[182B4.000]	04.99- 04.99-	113942 113943	14 100 14 100		04.99- 04.99-	113430 114035	12 1.8 12 1.3	
	[186A6.000]	03.01- 07.02 03.01- 07.02	113942 113943	14 100 14 100		03.01- 07.02 03.01- 07.02	113430 114035	12 1.8 12 1.3	
		AC 03.01-	113336	14 120					
	[186A8.000]	07.02-	113943	14 100		07.02-	113931	12 1.7	
	[186A9.000]	04.02-	113943	14 100		04.02-	116336	12 1.1	
Multipla Van 1.6	[182B6.000]	A13 09.00- 06.10	112190	14 90		09.00- 06.10	116336 113430	12 1.1 12 1.8	
Multipla Van 1.6 Bipower	[182B6.000]	A13 10.01- 06.10	112190	14 90		10.01- 06.10	116336 113430	12 1.1 12 1.8	
Multipla Van 1.9 JTD	[182B4.000]	04.99- 08.00 04.99- 08.00	113942 113943	14 100 14 100		04.99- 08.00 04.99- 08.00	113430 113931	12 1.8 12 1.7	
	[186A6.000]	09.00- 03.02	113943	14 100		09.00- 03.02	113430	12 1.8	
	[186A8.000]	05.04- 06.10	113943	14 100		05.04- 06.10	113931	12 1.7	
	[186A9.000]	04.02- 06.10	113943	14 100		04.02- 06.10	113931	12 1.7	
Patio 1.0	[178A1.000]	04.96-	111416	14 65	Change pulley	04.96-	112445	12 1.1	A49
Patio 1.2	[176A8.000]	06.98- 06.98- 06.98-	111411 111505 113537	14 75 14 75 14 65		06.98- 06.98- 06.98-	112124 112382	12 0.9 12 0.8	
	[178B5.000]	AC 04.96- 04.96- 02.01 04.96- 09.97- 09.01 06.98- 06.98-	111568 111411 111416 114899 111505 113537	14 85 14 75 14 65 14 70 14 75 14 65	Change pulley Change pulley	04.96- 02.01 04.96- 04.96- 02.01 06.98-	111025 112124 111619 112382	12 0.8 12 0.9 12 1.7 12 0.8	
	[178C4.066]	02.01- 02.01-	111505 113537	14 75 14 65		02.01-	112382	12 0.8	
	[178E2.000]	01.97- 12.02 01.97- 12.02 ACPS 01.97- 12.02	111411 113537 111505	14 75 14 65 14 75		01.97- 12.02 01.97- 12.02	111025 112382	12 0.8 12 0.8	
	[188A4.000]	PS 02.01- 09.01 AC 02.01- 09.01	113537 111505	14 65 14 75		02.01- 09.01	112382	12 0.8	
Patio 1.4	[178B2.000]	04.96-	111689	14 65	Change pulley				
	[178B2.016]	04.96-	111689	14 65	Change pulley				
Patio 1.6 16V	[178B3.000]	04.96- AC 11.99-	111689 112190	14 65 14 90		04.96-	116336	12 1.1	
	[182B6.000]	02.01- AC 02.01-	111689 112190	14 65 14 90					
Patio 1.7 TD	[176A3.000]	04.96- AC 04.96-	111416 111568	14 65 14 85		04.96- 04.96-	112124 114321	12 0.9 12 2.0	BO
Patio 1.9 Diesel	[223A6.000]	03.01-	113338	14 65					
Patio Weekend 1.2	[188A5.000,178D6.011]	03.00- 02.03	113535	14 85		03.00- 02.03	113962	12 0.9	
Panda 0.7 650	[141A.000]	01.82-	110882	14 45		01.82-	111025	12 0.8	
Panda 0.8	[100GL6000]	02.81- 12.85	111078	14 45		02.81- 12.85	111025	12 0.8	
	[141B.000]	01.86- 07.92	111078	14 45		01.86- 07.92	111025	12 0.8	
	[156A4.000]	01.86- 12.92	111036	14 45		01.86- 12.92	111025	12 0.8	
Panda 0.9	[100GL3000]	09.82- 12.85	111078	14 45		09.82- 12.85	111025	12 0.8	
	[1170A1.046]	04.92- 10.96 10.96- 09.03	111078 111687	14 45 14 55		04.92- 10.96 10.96- 09.03	111025 1110365	12 0.8 12 0.8	
	[312A2.000]	02.12-	115457	14 120					
	[312A5.000]	12.13-	115457	14 120					
Panda 0.9 4x4	[312A2.000]	09.12-	115457	14 120					
	[312A7.000]	06.14-	115457	14 120					
Panda 0.9 CNG	[312A2.000]	07.12- 07.12-	114806 115457	14 120 14 120					
Panda 0.9 Natural Power	[312A2.000]	01.15- 01.15-	114806 115874	14 120 14 120	A49				
Panda 0.9 Natural Power	[46337566]	03.19- 03.19-	114806 115874	14 120 14 120	A49				
Panda 1.0	[156A.3000]	01.85- 12.92 07.90- 12.92	113533 113471	14 65 14 65		01.85- 12.92 07.90- 12.92	113962 113719	12 0.9 12 1.3	
	[156A2.100]	01.86- 04.92	111036	14 45		01.86- 04.92	111025	12 0.8	
	[156A3.100]	03.89- 06.90	111036	14 45		03.89- 06.90	111025	12 0.8	
	[312A4.000]	02.12-	115457	14 120					
	[A112B1.054]	09.82- 08.83	111078	14 45		09.82- 08.83	111025	12 0.8	
Panda 1.0 4x4	[156A2.100]	03.89- 06.90	111036	14 45		03.89- 06.90	111025	12 0.8	
	[156A3.000]	01.86- 12.92	111036	14 45		01.86- 12.92	111025	12 0.8	
	[156A3.100]	03.89- 06.90	111036	14 45		03.89- 06.90	111025	12 0.8	
	[A112B1.054]	09.83- 12.85	111078	14 45		09.83- 12.85	111025	12 0.8	
Panda 1.0 i.e.	[141C2.000]	10.87- 08.98 01.95- 09.03	113533 113471	14 65 14 65	Change pulley	10.87- 08.98 01.95- 09.03	113843 113719	12 1.1 12 1.3	
	[156A2.246]	10.87- 08.98 07.90- 03.97 07.90- 03.97	113533 111036 113471	14 65 14 45 14 65	Change pulley	10.87- 08.98 07.90- 03.97 07.90- 03.97	113843 1110365 113719	12 1.1 12 0.8 12 1.3	
						08.92- 02.04	113962	12 0.9	
Panda 1.0 i.e. 4x4	[141C2.000]	05.86- 12.94 01.95- 09.03	111036 113471	14 45 14 65		05.86- 12.94 01.95- 09.03	1110365 113719	12 0.8 12 1.3	
	[156A2.246]	05.86- 12.94	111036	14 45		05.86- 12.94	111025	12 0.8	
	[176B2.000]	02.95- 02.95- 07.04	113471 113533	14 65 14 65	Change pulley	02.95- 02.95- 07.04	113719 113962	12 1.3 12 0.9	



FIAT Continued

Panda 1.1	[187A.1000]		09.03-	111411	14 75		09.03-	110365	12 0.8
		Eng. -2533528	09.03-	114899	14 70		09.03-	115400	12 1.4
		Eng. 2533528-	09.03-	114462	14 70				
		AC	09.03-	113718	14 70				
Panda 1.1 4x4 trekking	[156C.046]		09.04-	113535	14 85		09.04-	113962	12 0.9
			09.04-	114462	14 70				
			09.04-	114899	14 70				
Panda 1.1 Selecta	[156C.046]		10.91-	113471	14 65	Change pulley	10.91-	113719	12 1.3
			10.91- 07.04	113533	14 65		10.91- 07.04	113843	12 1.1
	[176B2.000]		05.91- 12.99	113533	14 65		05.91- 12.99	115400	12 1.4
			01.95- 09.03	113471	14 65	Change pulley	01.95- 09.03	113962	12 0.9
	[187A1.000]		02.95- 09.03	111036	14 45		02.95- 09.03	111025	12 0.8
			02.95-	113471	14 65	Change pulley	02.95-	111585	12 0.8
	[187A1.000]		02.95- 09.03	113533	14 65		02.95- 09.03	113962	12 0.9
			02.95- 09.03	111036	14 45		02.95- 09.03	111025	12 0.8
Panda 1.2 LPG	[169A4.000]		09.10-	113535	14 85		09.10-	113962	12 0.9
Panda 1.2 Bi-Power	[188A4.000]		01.07-	114462	14 70				
Panda 1.2 Multijet	[169A1.000]		06.06-	113721	14 75	A49	06.06-	116024	12 1.1
			06.06-	113722	14 90	A49	06.06-	115869	12 1.3
			06.06-	115963	14 90				
			06.06-	116330	14 75				
Panda 1.2 Multijet 4x4	[312A8.000]		06.14-	115384	14 120				
			06.14-	115668	14 90				
Panda 1.2 Bifuel Bipower	[188A4.000]		09.04- 12.11	114462	14 70		09.04- 12.11	113962	12 0.9
		AC	09.04- 12.11	113535	14 85		09.04- 12.11	116024	12 1.1
		AC	09.04- 12.11	113718	14 70				
Panda 1.2	[169A4.000]		09.10-	113535	14 85		09.10-	113962	12 0.9
			02.12-	114706	14 120				
	[188A.4000]		09.03-	111411	14 75		09.03-	110365	12 0.8
			09.03-	114899	14 70		09.03-	115400	12 1.4
	[188A4.000]	Eng. -2533528	09.03-	114462	14 70				
		Eng. 2533528-	09.03-	113718	14 70				
	[188A4.000]	AC	09.03-	113718	14 70				
			09.04-	114899	14 70		09.04-	113962	12 0.9
Panda 1.2 4x4	[169A4.000]		09.10-	113535	14 70		09.10-	115400	12 1.4
			10.04-	111411	14 75		10.04-	110365	12 0.8
		Eng. -2533528	10.04-	114899	14 70		10.04-	113962	12 0.9
		Eng. 2533528-	10.04-	114462	14 70		10.04-	115400	12 1.4
Panda 1.2 LPG	[169A4.000]		06.12-	113535	14 85		06.12-	113962	12 0.9
			06.12-	113718	14 70		06.12-	116024	12 1.1
	[188A4.000]		09.04-	114899	14 70		09.04-	113962	12 0.9
		AC	09.04-	113535	14 85		09.04-	115400	12 1.4
Panda 1.2 Natural Power	[169A4.000]		03.10-	113535	14 85		03.10-	113962	12 0.9
			09.03-	113722	14 90		09.03-	115869	12 1.3
Panda 1.3 16V Multijet 4x4	[169A1.000]		09.03-	115963	14 90				
			09.03-	113722	14 90		09.03-	115869	12 1.3
	[169A5.000]		09.03-	113722	14 90				
			09.03-	115963	14 90				
Panda 1.3 JTD	[169A1.000]	AC	06.06-	113722	14 90	A49	06.06-	115869	12 1.3
		AC	06.06-	115963	14 90				
	[188A8.000]		09.03-	113721	14 75	A49	09.03-	116024	12 1.1
			09.03-	116330	14 75		09.03-	115869	12 1.3
	[188A9.000]	AC	09.03-	113722	14 90	A49	03.04-	115828	12 1.4
		AC	09.03-	115963	14 90				
	[188A9.000]		09.03-	113721	14 75	A49	09.03-	116024	12 1.1
			09.03-	116330	14 75				
Panda 1.3 JTD 4x4	[188A8.000]		10.04-	113721	14 75	A49	10.04-	116024	12 1.1
			10.04-	116330	14 75		10.04-	115869	12 1.3
		AC	10.04-	113722	14 90	A49			
		AC	10.04-	115963	14 90				
Panda 1.3 Multijet	[199A9.000]		02.12-	115384	14 120				
			02.12-	115668	14 90				
	[169A1.000]		01.06-	113721	14 75	A49	01.06-	116024	12 1.1
			01.06-	116330	14 75		01.06-	115869	12 1.3
Panda 1.3 Multijet 4x4	[199A9.000]		01.06-	113722	14 90	A49			
			01.06-	115963	14 90				
			06.12-	115384	14 120				
			06.12-	115668	14 90				
Panda 1.4 Diesel Bi-Power / Natural Power	[350A1.000]		01.07-	113718	14 70		01.07-	115400	12 1.4
Panda Van 0.9	[312A2.000]		02.12-	115457	14 120		02.12-	116024	12 1.1
			12.13-	115457	14 120		12.13-	115869	12 1.3
Panda Van 0.9 4x4	[312A2.000]		09.12-	115457	14 120		09.12-	115869	12 1.3
Panda Van 0.9 Natural Power	[312A2.000]		07.12-	114806	14 120		07.12-	116024	12 1.1
			07.12-	115874	14 120	A49			
Panda Van 1.0	[312A4.000]		02.12-	115457	14 120		02.12-	116024	12 1.1
Panda Van 1.2 LPG	[169A4.000]		06.12-	113535	14 85		06.12-	113962	12 0.9
			06.12-	113718	14 70		06.12-	115400	12 1.4
	[188A4.000]		04.09-	113535	14 85		04.09-	113719	12 1.3
			04.09-	113718	14 70		04.09-	113962	12 0.9
Panda Van 1.2 Multijet	[199A9.000]		02.12-	115384	14 120		02.12-	116024	12 1.1
Panda Van 1.2 Multijet 4x4	[188A8.000]		10.04-	113722	14 90	A49	10.04-	115400	12 1.4
			10.04-	115963	14 90				
	[188A9.000]		10.04-	113722	14 90	A49	10.04-	115400	12 1.4
			10.04-	115963	14 90				
Panda Van 1.2 Multijet 4x4	[199A9.000]		06.12-	115384	14 120		06.12-	116024	12 1.1
			06.12-	115668	14 90				



Panda Van 1.2	[169A4.000]	02.12- 02.12-	113535 114462	14 85 14 70		02.12- 02.12-	113962 115400	12 0.9 12 1.4	
Panda Van 1.2 Natural Power	[188A4.000]	01.07- 11.09 01.07- 11.09 01.07- 11.09	113535 113718 114462	14 85 14 70 14 70		01.07- 11.09 01.07- 11.09 01.07- 11.09	113719 113962 115400	12 1.3 12 0.9 12 1.4	
Penny Van 1.1	[146A6.000]	01.86- 12.90	111035	14 65					
Penny Van 1.3	[146A5.000]	01.86- 12.90	111035	14 65					
Penny Van 1.7 Diesel	[149B3.000]	01.86- 12.90	110912	14 55		01.86- 12.90	111619	12 1.7	
Punto 0.9 BiFuel	[312A2.000]	03.12-	115457	14 120					
Punto 0.9	[199B6.000]	07.13-	115457	14 120					
Punto 0.9 Turbo Twinair Turbo	[312A2.000]	03.12-	115457	14 120					
Punto 1.1	[176B2.000]	04.96- PS 04.96- ACPS 04.96-	111411 113537 111505	14 75 14 65 14 75		04.96- 04.96- 04.96-	111422 115400 112382	12 0.8 12 1.4 12 0.8	
Punto 1.1 i.e.	[176A6.000]	01.94- PS 01.94- ACPS 01.94-	111411 113537 111505	14 75 14 65 14 75		01.94- 01.94- 01.94-	112124 113962 111422	12 0.9 12 0.9 12 0.8	
	[176B2.000]	01.95- PS 01.95- ACPS 01.95-	111411 113537 111505	14 75 14 65 14 75		01.95- 01.95- 01.95-	112124 113962 111422	12 0.9 12 0.9 12 0.8	
Punto 1.2 BiFuel	[188A4.000]	08.07-	113718	14 70		A25 08.07-	115312	12 1.1	
Punto 1.2 Multijet	[199A3.000]	01.10- 02.12 01.10- 02.12	113722 115963	14 90 14 90	A49				
	[199B8.000]	12.13-	116406	14 90					
Punto 1.2 Natural Power	[188A4.000]	09.03- 09.03- AC 09.03-	113718 114899 113535	14 70 14 70 14 85		A25 09.03- 09.03-	115312 113719	12 1.1 12 1.3	
Punto 1.2 Bifuel Bipower	[188A4.000]	08.01- 05.03 08.01- 05.03	113718 114899	14 70 14 70		08.01- 05.03	116024	12 1.1	
Punto 1.2	[169A4.000]	03.12- 03.12- 03.12- 03.12-	113535 114706 115620 115647	14 85 14 120 14 105 14 90		03.12-	113962	12 0.9	
	[176A7.000]	PS 01.94- 01.94- ACPS 01.94-	113537 111411 111505	14 65 14 75 14 75		01.94- 04.94- 01.94- 04.94- 01.94- 04.94-	111685 111619 113962 113931 113430 112382	12 1.4 12 1.7 12 0.9 12 1.7 12 1.8 12 0.8	
	[176A8.000]	10.93- 09.99 01.94- PS 01.94- ACPS 01.94-	115672 111411 113537 111505	14 85 14 75 14 65 14 75		01.94- 01.94- 01.94-	111685 113962 113430	12 1.4 12 0.9 12 1.8	
	[176B1.000]	PS 03.94- 03.94- ACPS 03.94-	113537 111411 111505	14 65 14 75 14 75		03.94- 03.94- 05.95- 03.94- 05.95-	111619 113962 115400 113430 112382	12 1.7 12 0.9 12 1.4 12 1.8 12 0.8	
	[176B4.000]	PS 05.95- 05.95- ACPS 05.95-	113537 111411 111505	14 65 14 75 14 75		05.95- 05.95- 06.95- 05.95-	111619 115400 113962 112382	12 1.7 12 1.4 12 0.9 12 0.8	
	[188A4.000]	02.00- 04.02- 02.00- 04.02 AC 02.00-	113718 114899 111411 113535	14 70 14 70 14 75 14 85		A25 02.00- 02.00- 02.00- 09.99- 09.99-	111422 115312 113719 115400 113752	12 0.8 12 1.1 12 1.3 12 1.4 12 1.8	
	[199B9.000]	02.14- 02.14- 02.14-	113535 113718 114462	14 85 14 70 14 70		02.14- 02.14-	113962 114321	12 0.9 12 2.0 BO	
Punto 1.2 16V	[176B9.000]	04.97- 06.00 ACPS 04.97- 06.00	111411 115476	14 75 14 85		04.97- 06.00	111422	12 0.8	
	[188A5.000]	09.99- AC 09.99-	113718 113535	14 70 14 85		A25 09.99- 09.99-	115312 113719	12 1.1 12 1.3	
Punto 1.2 Natural Power	[188A4.000]	01.03- 12.10 01.03- 12.10 AC 01.03- 12.10	114462 114899 113718	14 70 14 70 14 70		01.03- 12.10	116024	12 1.1	
Punto 1.3 JTD	[188A9.000]	06.03- 06.03- 06.03- 06.03- AC 06.03- 10.05 AC 06.03- 10.05 AC 06.03- 10.05	113720 113721 116064 116330 113722 114451 115963	14 75 A49 14 75 A49 14 75 14 75 14 90 A49 14 105 14 90		06.03- 06.03- 10.05	116024 115869	12 1.1 12 1.3 A49	
Punto 1.3 Multijet	[199A2.000]	03.12- 03.12- 03.12- 03.12- 03.12- 03.12-	113721 113722 114451 115668 115963 116330	14 75 A49 14 90 A49 14 105 14 90 14 90 14 75		03.12-	115869	12 1.3 A49	
	[199A9.000]	03.12- 03.12- 03.12- 03.12- 03.12- 03.12-	113721 113722 114451 115668 115963 116330	14 75 A49 14 90 A49 14 105 14 90 14 90 14 75		03.12-	115869	12 1.3 A49	
	[199B1.000]	03.12- 03.12-	115346 115852	14 120 14 105					
	[199B4.000]	03.12- 03.12- 03.12-	115384 115667 116406	14 120 14 120 14 90					
	[955B2.000]	05.16-	115667	14 120					
Punto 1.4 BiFuel	[350A1.000]	03.12-	113535	14 85		03.12-	113719	12 1.3	
Punto 1.4 BiFuel Natural Power	[350A1.000]	03.12-	113535	14 85		03.12-	113962	12 0.9	
Punto 1.4	[199A7.000]	03.12- 03.12- 03.12- 03.12- 03.12-	113718 114462 114706 115615 115620	14 70 14 70 14 120 14 105 14 105		03.12-	114321	12 2.0 BO	



FIAT Continued

	[350A1.000]	03.12-	113718	14 70	A25 03.12-	115312	12 1.1
		03.12-	114706	14 120			
	[843A1.000]	09.03-	113718	14 70	09.03-	115312	12 1.1
Punto 1.4 Multi Air	[955A6.000]	03.12-	114706	14 120			
Punto 1.4 Turbo	[955A2.000]	03.12-	114806	14 120			
		03.12-	115874	14 120 A49			
Punto 1.4 Turbo GT	[176A4.000]	AC 01.94-	112780	14 90	01.94-	113752	12 1.8
	[176B6.000]	09.96- 09.99	111411	14 75	09.96- 09.99	111619	12 1.7
		AC 09.96-	112780	14 90	09.96-	113752	12 1.8
Punto 1.6	[176A9.000]	01.94- 04.97	111689	14 65	01.94- 04.97	113752	12 1.8
Punto 1.7 Diesel	[176B3.000]	01.93-	111416	14 65	01.93-	111422	12 0.8
Punto 1.7 TD	[176A3.000]	01.94-	111416	14 65	01.94-	111422	12 0.8
		AC 01.94-	111568	14 85	A42 01.94-	112382	12 0.8
	[176A5.000]	01.94-	111416	14 65	01.94-	111422	12 0.8
		AC 01.94-	111568	14 85	01.94-	112382	12 0.8
	[176B7.000]	09.96-	111416	14 65	09.96-	111422	12 0.8
		AC 09.96-	111568	14 85	09.96-	113752	12 1.8
Punto 1.8 HGT	[183A1.000]	09.99-	113942	14 100			
	[188A6.000]	09.99-	113942	14 100			
Punto 1.9 Diesel	[188A3.000]	02.00-	113943	14 100	09.99-	111422	12 0.8
		09.99-	111413	14 90	09.99-	113752	12 1.8
		09.99-	113336	14 120			
		09.99-	113939	14 100			
Punto 1.9 JTD	[188A2.000]	09.99-	113942	14 100			
		09.99-	113943	14 100			
	[188A7.000]	02.00-	113943	14 100			
	[188B2.000]	06.03-	113943	14 100			
Punto Evo 1.2 Multijet	[199B2.000]	07.08-	114451	14 105	A25 07.08-	115399	12 1.4
Punto Evo 1.2	[169A.4000]	10.09-	113718	14 70	10.09-	113719	12 1.3
		10.09-	114462	14 70	A25 10.09-	115400	12 1.4
		10.09-	114706	14 120	A25 10.09-	115312	12 1.1
		10.09-	115620	14 105			
		10.09-	115647	14 90			
	[199A4.000]	10.09-	114462	14 70	A25 10.09-	115400	12 1.4
Punto Evo 1.3 16V Multijet	[199B4.000]	10.09-	115384	14 120			
		10.09-	115667	14 120			
		10.09- 02.12	116406	14 90			
	[223A9.000]	10.09-	115384	14 120			
		10.09-	115667	14 120			
		10.09- 02.12	116406	14 90			
Punto Evo 1.3 Multijet	[199A2.000]	10.09-	113722	14 90 A49	10.09-	113962	12 0.9
		10.09-	114451	14 105			
		10.09-	115384	14 120			
		10.09-	115963	14 90			
	[199A3.000]	10.09-	113721	14 75 A49	10.09-	113719	12 1.3
		10.09-	113722	14 90 A49	10.09-	113962	12 0.9
		10.09-	115963	14 90			
		10.09-	116330	14 75			
	[199A9.000]	10.09-	113722	14 90 A49	10.09-	113962	12 0.9
		10.09-	114451	14 105	10.09-	115869	12 1.3 A49
		10.09-	115384	14 120			
		10.09-	115963	14 90			
	[199B1.000]	03.09-	115346	14 120	03.09-	115869	12 1.3 A49
		03.09-	115852	14 105	10.09-	115312	12 1.1
		10.09-	115578	14 120			
Punto Evo 1.4 LPG	[350A1.000]	06.09-	114462	14 70	06.09-	115400	12 1.4
Punto Evo 1.4	[199A7.000]	07.09-	114462	14 70	A25 07.09-	115400	12 1.4
	[350A1.000]	10.09-	114462	14 70	10.09-	115400	12 1.4
		10.09-	115620	14 105			
		10.09-	115647	14 90			
Punto Evo 1.4 Abarth	[199A8.000]	07.08- 02.12	114806	14 120	07.08- 02.12	115312	12 1.1
		07.08- 02.12	115874	14 120 A49			
	[955A8.000]	07.08- 02.12	114806	14 120	A25 07.08- 02.12	115312	12 1.1
		07.08- 02.12	115874	14 120 A49			
Punto Evo 1.4 16V	[955A6.000]	10.09-	114806	14 120	A25 10.09-	115312	12 1.1
		10.09-	115874	14 120 A49			
Punto Evo 1.4 Natural Power	[350A1.000]	10.09-	114462	14 70	A25 10.09-	115400	12 1.4
Punto Evo 1.6 Multijet	[955A3.000]	10.09-	114493	14 100	A25 10.09-	115312	12 1.1
Punto Evo Van 1.3 Multijet	[199A2.000, 199A9.000]	03.09- 02.12	113722	14 90	03.09- 02.12	113962	12 0.9
		03.09- 02.12	114451	14 105	03.09- 02.12	115400	12 1.4
		03.09- 02.12	115963	14 90			
	[199B1.000]	03.09- 02.12	115346	14 120	A25 03.09- 02.12	115312	12 1.1
		03.09- 02.12	115384	14 120			
	[199B4.000]	03.12-	115384	14 120	03.12-	115869	12 1.3
		03.12-	115667	14 120			
		03.12-	116406	14 90			
Punto Evo Van 1.4	[350A1.000]	03.09- 02.12	113535	14 85	03.09- 02.12	113719	12 1.3
		03.09- 02.12	115647	14 90	03.09- 02.12	115400	12 1.4
		A25 03.09- 02.12	114706	14 120			
		A25 03.09- 02.12	115620	14 105			
Punto Van 0.9 Twinair Turbo	[312A2.000]	03.12-	115457	14 120	03.12-	116024	12 1.1
Qubo 1.2 Multijet	[225A2.000]	03.15-	115852	14 105	A25 03.15-	115400	12 1.4
					03.15-	115869	12 1.3 A49
Qubo 1.3 Multijet	[199B1.000]	07.10-	115308	14 120	07.10-	113719	12 1.3
		07.10-	115852	14 105	07.10-	113962	12 0.9
Qubo 1.4	[350A1.000]	10.09-	113718	14 70	10.09-	110584	12 1.2
Regata 1.3	[138B2.000]	09.83- 07.86	111035	14 65			
		09.83- 07.86	111148	14 65			
Regata 1.3 ES	[149A3.000]	09.83- 07.89	111035	14 65			
		09.83- 07.89	111148	14 65			
	[149A7.000]	09.83- 07.89	111035	14 65			
		09.83- 07.89	111148	14 65			
Regata 1.5	[138B3.000]	09.83- 08.88	111035	14 65			
		09.83- 08.88	111148	14 65			
	[149A5.000]	09.83- 08.88	111148	14 65			
		05.85- 12.87	111035	14 65			
Regata 1.5 Super	[138B3.000]	09.83- 08.88	111035	14 65			
		09.83- 08.88	111148	14 65			
Regata 1.5 i.e.	[138B3.048]	04.85- 07.89	111035	14 65			
		04.85- 07.89	111148	14 65			



	[138C3.048]	09.83- 03.85	111035	14	65			
		09.83- 03.85	111148	14	65			
Regata 1.6	[149A.000]	10.83- 06.91	111035	14	65			
		10.83- 06.91	111148	14	65			
	[149A2.000]	10.83- 05.89	110912	14	55	10.83- 05.89	111619	12 1.7
		AC 10.83- 11.84	111620	14	65			
	[149A4.000]	10.83- 12.90	110912	14	55			
		10.83- 12.90	111620	14	65			
Regata 1.6 i.e.	[149C2.000]	01.87- 07.89	110890	14	55	01.87- 07.89	111619	12 1.7
		01.87- 07.89	110912	14	55			
Regata 1.6	[159A3.000]	02.83- 04.95	110912	14	55			
Regata 1.7 Diesel	[138B6.000]	09.83- 04.85	110912	14	55			
	[149B3.000]	01.84- 12.89	110912	14	55			
Regata 1.9 Diesel	[149A1.000]	04.84- 07.89	110912	14	55			
		04.84- 07.89	111620	14	65			
Regata 1.9 TD	[831D1.000]	05.86- 07.89	111620	14	65			
Ritmo 1.0	[127A6.000]	09.78- 09.82	111035	14	65			
Ritmo 1.1	[138B.000]	02.83- 10.85	111035	14	65			
	[138B1.000]	02.83- 10.85	111035	14	65			
	[138C.1000]	10.82- 12.87	111035	14	65			
	[146A4.048]	04.85- 12.87	111035	14	65			
Ritmo 1.3	[138A1.000]	01.78- 08.85	111035	14	65			
	[138A3.000]	01.81- 09.82	111035	14	65			
		01.81- 09.82	111148	14	65			
	[138B2.000]	01.83- 04.85	111035	14	65			
Ritmo 1.3 Bertone	[138B2.000]	10.85- 12.87	111035	14	65			
Ritmo 1.5	[138A4.000]	01.81- 05.87	111035	14	65			
	[138B3.000]	01.83- 12.87	111035	14	65			
		01.83- 12.87	111148	14	65			
	[149A5.000]	08.85- 05.87	111035	14	65			
		08.85- 05.87	111148	14	65			
Ritmo 1.5 Bertone	[138A4.000]	01.80- 07.89	111035	14	65			
		01.80- 07.89	111148	14	65			
	[138B3.000]	01.80- 07.89	111035	14	65			
		01.80- 07.89	111148	14	65			
Ritmo 1.5 i.e.	[138AR.000]	09.86- 11.86	110912	14	55			
Ritmo 1.6 Sport	[138AR.000]	05.81- 12.82	110912	14	55	05.81- 12.82	111619	12 1.7
Ritmo 1.7 Diesel	[138A5.000]	10.79- 09.82	110912	14	55			
	[138C.000]	05.85- 12.87	110912	14	55	05.85- 12.87	111619	12 1.7
	[149B3.000]	05.85- 12.87	110912	14	55			
Scudo 1.6 Multijet	[9H07 (DV6UC)]	02.11-	113640	14	150			
	[9HM (DV6UC)]	02.11-	113640	14	150			
	[9HU]	01.07-	113640	14	150			
Scudo 1.6	[220A2.000]	09.96- 12.06	111568	14	85	09.96- 12.06	111070	12 1.7
Scudo 1.9 Diesel	[D9B]	02.96-	112292	14	70	02.96-	111070	12 1.7
		PS 02.96-	111893	14	70	10.95- 05.00	114460	12 1.4
		ACPS 10.95- 05.00	113485	14	80			
	[WJZ (DW8)]	04.98-	112058	14	70			
		04.98-	112480	14	90	04.98-	111070	12 1.7
		06.98- 08.01	113603	14	80	04.98-	113926	12 1.9
Scudo 1.9 Diesel Combinato	[WJZ (DW8)]	04.98-	112058	14	70	04.98-	111070	12 1.7
		04.98-	112480	14	90	04.98-	113926	12 1.9
		06.98- 08.01	113603	14	80	06.98- 08.01	116634	12 1.1
Scudo 1.9 TD	[D8B]	02.95-	112292	14	70	02.95-	111070	12 1.7
		PS 02.95-	111893	14	70			
		ACPS 10.95- 05.00	113485	14	80	10.95- 05.00	114460	12 1.4
	[D8B,DHX (XUD9TF/L)]	09.96- 12.06	112230	14	80	09.96- 12.06	111070	12 1.7
		09.96- 12.06	112292	14	70	09.96- 12.06	113926	12 1.9
		09.96- 12.06	112688	14	95	09.96- 12.06	114460	12 1.4
		09.96- 12.06	112703	14	120			
		09.96- 12.06	113485	14	80			
	[DHX (XUD9TF/L)]	02.96-	112292	14	70	02.96-	111070	12 1.7
		PS 02.96-	111893	14	70	02.96-	114460	12 1.4
		ACPS 02.96-	113485	14	80			
Scudo 1.9 TD Eco	[DHX (XUD9TF/L)]	02.95-	112292	14	70	02.95-	111070	12 1.7
		PS 02.95-	111893	14	70	02.95-	114460	12 1.4
		ACPS 02.95-	113485	14	80			
Scudo 2.0 Diesel	[DW10BTED4]	01.07-	113640	14	150			
	[RHR]	01.07-	113640	14	150			
Scudo 2.0 JTD 16V	[RHK (DW10UTED4)]	05.99- 12.06	112460	14	150	05.99- 12.06	113254	12 1.4
		05.99- 12.06	112480	14	90	05.99- 12.06	113926	12 1.9
		05.99- 12.06	113503	14	120	05.99- 12.06	114460	12 1.4
	[RHM (DW10ATED4)]	05.99- 12.06	112460	14	150	05.99- 12.06	113254	12 1.4
		05.99- 12.06	112480	14	90	05.99- 12.06	113926	12 1.9
		05.99- 12.06	113503	14	120	05.99- 12.06	114460	12 1.4
	[RHW (DW10ATED4)]	05.99- 12.06	112460	14	150	05.99- 12.06	113254	12 1.4
		05.99- 12.06	112480	14	90	05.99- 12.06	113926	12 1.9
		05.99- 12.06	113503	14	120	05.99- 12.06	114460	12 1.4
Scudo 2.0 JTD	[RHX (DW10BTED)]	12.99-	112480	14	90	12.99-	113926	12 1.9
		AC 12.99-	112460	14	150	12.99-	113254	12 1.4
	[RHZ]	12.02- 12.06	112460	14	150	12.02- 12.06	113254	12 1.4
		12.02- 12.06	112480	14	90	12.02- 12.06	113926	12 1.9
		12.02- 12.06	113503	14	120	12.02- 12.06	114460	12 1.4
						06.04-	112124	12 0.9
Scudo 2.0 JTD Combinato	[RHZ (DW10ATED)]	12.99-	112480	14	90	12.99-	113926	12 1.9
		AC 10.99-	112460	14	150	10.99-	112124	12 0.9
Scudo 2.0 Multijet	[RH02]	04.11-	113640	14	150			
	[RHK]	01.07-	113640	14	150			
	[RHR]	01.07-	113640	14	150			
Scudo 2.0 Multijet 4x4	[RH02]	04.11-	113640	14	150			
		04.11-	114859	14	180			
	[RHK]	01.07-	113640	14	150			
	[RHR]	01.07-	114859	14	180			
Scudo 2.0	[RFN (EW10J4)]	05.00-	113503	14	120	05.00-	114460	12 1.4
		06.04-	112460	14	150	06.04-	112124	12 0.9
		06.04-	112480	14	90	06.04-	113926	12 1.9
Scudo 2.0 16V Combinato	[RFN (EW10J4)]	06.00-	112460	14	150	06.00-	111070	12 1.7
		06.00-	112480	14	90	06.00-	113926	12 1.9
		06.00-	113503	14	120	06.00-	114460	12 1.4
		06.04- 01.07	113603	14	80			



FIAT Continued

Scudo Box 2.0 Multijet 4x4	[RH02]	05.11-	115364	14	150	05.11-	113926	12	1.9
		05.11-	115475	14	180	05.11-	111070	12	1.7
Sedici 1.9 Multijet	[D19AA]	01.07-	114859	14	180	01.07-	111070	12	1.7
		06.06-	113996	14	140	06.06-	113430	12	1.8
Sedici 2.0 Multijet	[D20AA]	06.06-	115866	14	150	06.06-	115444	12	1.4
Sedici 2.0 Multijet 4x4	[D20AA]	06.06-	115866	14	150	06.06-	115444	12	1.4
Seicento 0.9	[1170A1.046]	01.98-	111687	14	55	01.98-	111422	12	0.8
Seicento 1.1	[176B2.000]	01.98-	113471	14	65	01.98-	111585	12	0.8
		01.98-	113533	14	65	01.98-	111422	12	0.8
		AC 01.98-	114899	14	70	01.98-	112382	12	0.8
		01.98-	111411	14	75				
		01.98-	115551	14	90				
	[187A1.000]	01.98-	111411	14	75	01.98-	111585	12	0.8
		01.98-	113533	14	65				
		01.98-	115551	14	90				
		AC 04.02-	114899	14	70				
		09.98-	111411	14	75	09.98-	112124	12	0.9
Siena 1.2	[178B5.000]	09.98-	111689	14	65				
Siena 1.4	[350A1.000]	01.07-	113718	14	70				
		01.07-	114462	14	70				
		01.07-	115615	14	105				
		01.07-	115647	14	90				
Siena 1.6 16V	[178B3.000]	09.98-	111411	14	75	09.98-	112124	12	0.9
		09.98-	111689	14	65	09.98-	111422	12	0.8
		AC 11.99-	112190	14	90	11.99-	113962	12	0.9
Stilo 1.2 16V	[188A5.000]	AC 04.03-	113535	14	85	04.03-	113430	12	1.8
Stilo 1.4	[843A1.000]	01.04- 08.08	114462	14	70	01.04- 08.08	113430	12	1.8
		01.04- 08.08	115620	14	105				
		AC 01.04- 08.08	113535	14	85				
		AC 01.04- 08.08	115615	14	105				
Stilo 1.4 16V	[192B2.000]	03.05-	113535	14	85	03.05-	113430	12	1.8
		03.05-	114462	14	70	03.05-	116336	12	1.1
	[843A1.000]	01.04-	114462	14	70	01.04-	113931	12	1.7
						01.04-	115719	12	1.1
Stilo 1.6 16V	[182B6.000]	AC 10.01-	112190	14	90	10.01-	111123	12	0.9
		AC				01.03-	112445	12	1.1 A49
Stilo 1.8 16V	[192A4.000]	AC 10.01-	113336	14	120	10.01-	112445	12	1.1 A49
Stilo 1.9 Diesel	[192B5.000]	09.04-	113943	14	100	09.04-	113962	12	0.9
		09.04-	114494	14	90				
Stilo 1.9 JTD	[192A1.000]	10.01-	114494	14	90	10.01-	113430	12	1.8
		10.01-	113943	14	100	10.01-	113931	12	1.7
		AT 10.01- 08.05	113336	14	120	10.01- 08.05	113962	12	0.9
		10.01-	113987	14	140	10.01-	111685	12	1.4
	[192A3.000]	10.01- 08.05	114494	14	90	10.01- 08.05	113962	12	0.9
		10.01- 08.05	113943	14	100	02.02-	113430	12	1.8
		AC 10.01- 08.05	113336	14	120	02.02-	111685	12	1.4
	[192A5.000]	09.03- 08.05	113955	14	105	09.03- 08.05	113962	12	0.9
		01.04-	114204	14	120	01.04-	113931	12	1.7
	[192A8.000]	09.05- 08.08	113943	14	100	09.05- 08.08	113962	12	0.9
		09.05- 08.08	114494	14	90				
	[192B1.000]	02.04- 08.08	113955	14	105	02.04- 08.08	114035	12	1.3
		04.04-	113943	14	100	04.04-	113430	12	1.8
	[192B5.000]	09.04-	113943	14	100	09.04-	113430	12	1.8
		09.04-	114494	14	90				
	[937A4.000]	09.03- 08.05	113955	14	105	09.03- 08.05	114035	12	1.3
		09.03-	114204	14	120	A42 09.03-	113931	12	1.7
	[937A5.000]	09.05- 08.08	113955	14	105	09.05- 08.08	113931	12	1.7
	[937A7.000]	10.01-	113943	14	100	10.01-	113430	12	1.8
		10.01-	113987	14	140	10.01-	113931	12	1.7
Stilo 1.9 Multijet	[192A8.000]	10.01-	114494	14	90	01.03-	113962	12	0.9
		AC 01.03-	113336	14	120				
		09.05-	113943	14	100	Chas. -0100367 09.05-	113430	12	1.8
	[192A9.000]	09.05-	114494	14	90				
		09.05-	113943	14	100	09.05-	113430	12	1.8
		09.05-	114494	14	90				
	[937A5.000]	09.05-	114204	14	120	09.05-	113931	12	1.7
		AC 10.01-	113336	14	120	10.01-	111685	12	1.4
	[192B3.000]						111123	12	0.9
							113276	12	1.1
Strada 1.1	[138C1.000]	05.85- 09.87	111035	14	65	05.85- 09.87	113430	12	1.8
		AT 05.85- 09.87	111148	14	65	05.85- 09.87	111619	12	1.7
	[178B5.000]	05.02-	111411	14	75	05.02-	113752	12	1.8
		06.99- 03.05	114899	14	70	06.99-	114321	12	2.0 BO
Strada 1.2	[188A4.000]	ACPS 06.99-	111505	14	75				
		04.03-	113718	14	70				
	[199B1.000]	10.10-	113722	14	90 A49				
		10.10-	115963	14	90				
Strada 1.3 Multijet	[223A9.000]	05.06-	113721	14	75 A49				
		05.06-	113722	14	90 A49				
		05.06-	115963	14	90				
		05.06-	116330	14	75				
		AC 05.06-	114451	14	105				
Strada 1.7 TD	[176A3.000]	06.99-	111416	14	65	06.99-	113719	12	1.3
		AC 03.99-	111568	14	85	03.99-	115869	12	1.3 A49
Strada 1.9 Diesel	[223A6.000]	11.00- 03.03	111413	14	90	11.00- 03.03	113719	12	1.3
		11.00-	113338	14	65	11.00-	115869	12	1.3 A49
		12.00-	113943	14	100				
Strada 1.9 JTD	[188A2.000]	04.03-	113338	14	65				
Talento 1.9 Diesel	[149B1.000]	03.88- 03.94	110912	14	55	03.88- 03.94	111066	12	1.05
						03.89- 03.94	116327	12	2.2 A49
Tempra 1.4 i.e.	[159A2.000]	02.90- 12.96	111035	14	65	02.90- 12.96	112124	12	0.9
		02.90- 12.96	111148	14	65				
		AC 02.90- 12.96	112780	14	90				
	[160A1.046]	ACPS 03.92- 08.96	112780	14	90				
		ACPS 03.95- 08.96	112780	14	90				
Tempra 1.6	[836A4.000]	02.90- 04.93	111035	14	65	12.90- 04.93	112124	12	0.9
		ACPS 02.90- 04.93	112780	14	90				
Tempra 1.6 i.e.	[159A3.046]	ACPS 06.90- 08.96	112780	14	90				
		AC 06.92- 03.93	112780	14	90				
		AC 05.94- 12.96	112780	14	90				



	[835C1.000]	ACPS	04.93- 08.96	112780	14	90			
Temptra 1.8 i.e.	[159A4.000]		03.90- 08.96	111620	14	65			
			06.90- 07.91	113187	14	85			
	[159A4.046]		02.90- 08.96	111620	14	65			
	[835C2.000]		09.93- 08.96	111620	14	65			
	[835C4.000]		09.93- 08.96	111620	14	65			
	[836A5.000]		10.94- 08.96	111620	14	65			
Temptra 1.9 Diesel	[160A7.000]		07.91- 01.96	113187	14	85			
Temptra 1.9 TD	[160A6.000]		05.90- 01.96	113187	14	85			
	[160A7.000]		07.91- 01.96	113187	14	85			
	[160B6.046]		03.92- 06.93	113187	14	85			
	[160D1.000]		05.90- 01.96	113187	14	85			
Temptra 2.0 i.e.	[159A6.046]		02.90- 12.96	111620	14	65			
Temptra 2.0 i.e. 4x4	[159A6.046]		03.92- 03.95	111620	14	65			
Temptra S.W. 1.4	[159A2.000]		04.91- 06.93	112780	14	90			
			04.91- 06.93	113376	14	55			
			04.91- 06.93	112780	14	90			
Temptra S.W. 1.6	[159A3.046]		04.91- 06.93	112780	14	90			
		AT	04.91- 06.93	111148	14	65			
Tipo 1.1 Digit	[160A3.000]		07.87- 03.93	111036	14	45	07.87- 03.93	113962	12 0.9
Tipo 1.4	[843A1.000]		10.15-	113535	14	85			
			10.15-	114706	14	120			
			03.16-	115457	14	120			
	[940B7.000]		03.16-	115457	14	120			
Tipo 1.4 Selecta	[160A1.000]		07.87- 12.89	111035	14	65	07.87- 12.89	113719	12 1.3
			07.87- 12.89	111148	14	65	07.87- 12.89	111025	12 0.8
		AC	07.87- 12.89	112780	14	90	A25 07.87- 12.89	115312	12 1.1
	[160A1.048]		03.89- 11.90	111035	14	65	03.89- 11.90	113719	12 1.3
			03.89- 11.90	111148	14	65	03.89- 11.90	112124	12 0.9
		AC	03.89- 11.90	112780	14	90	A25 03.89- 11.90	115312	12 1.1
Tipo 1.4 i.e.	[159A2.000]		05.89- 03.93	111035	14	65	05.89- 03.93	113962	12 0.9
		AC	05.89- 02.90	112780	14	90	05.89- 02.90	116045	12 1.4
	[160A1.046]		05.89- 03.93	111035	14	65	05.89- 03.93	113962	12 0.9
			05.89- 03.93	111148	14	65	05.89- 03.93	111619	12 1.7
		AC	05.89- 03.93	112780	14	90	05.89- 03.93	115869	12 1.3 A49
	[836A4.000]	AC	03.93- 10.95	112780	14	90	03.93- 10.95	115869	12 1.3 A49
Tipo 1.4 LPG	[940B7.000]		05.16-	114706	14	120			
			05.16-	114806	14	120			
			05.16-	115874	14	120			
		A25	05.16-	115457	14	120			
		A25	05.16-	116125	14	120			
			11.20-	116761	14	150			
Tipo 1.6 Diesel	[46346020]		09.16-	116094	14	120			
	[55260384]		09.16-	116372	14	150			
Tipo 1.6 Multijet	[55260384]		03.16-	116372	14	150			
	[940C1.000]		10.15-	114493	14	100			
			10.15-	115429	14	120			
			10.15-	116372	14	150			
Tipo 1.6 Digit	[160A2.000]		07.87- 10.95	111035	14	65	07.87- 10.95	113719	12 1.3
		ACPS	01.88- 10.95	112780	14	90	A25 01.88- 10.95	115312	12 1.1
Tipo 1.6 i.e.	[149C2.046]		02.88- 06.90	111620	14	65	02.88- 06.90	113962	12 0.9
			02.88- 06.90	113187	14	85			
	[159A3.046]		03.90- 03.93	111148	14	65	03.90- 03.93	111619	12 1.7
		ACPS	03.90- 03.93	112780	14	90			
	[159A3.048]	AC	03.93- 10.95	112780	14	90	03.93- 10.95	115869	12 1.3 A49
	[835C1.000]	AC	03.93- 10.95	112780	14	90	03.93- 10.95	115869	12 1.3 A49
Tipo 1.6 i.e.			03.93- 10.95	111148	14	65	03.93- 10.95	113719	12 1.3
		AC	03.93- 10.95	112780	14	90			
Tipo 1.6 MPI		AC	12.95- 05.97	112780	14	90			
Tipo 1.7 Diesel	[149B4.000]		07.87- 03.93	110912	14	55	07.87- 03.93	111059	12 0.9
			07.87- 03.93	112719	14	55	07.87- 03.93	115312	12 1.1
			01.88- 10.94	116331	14	55			
Tipo 1.8 i.e. 16V	[160A5.000]		11.89- 06.92	111620	14	65	11.89- 06.92	113962	12 0.9
			11.89- 01.91	113187	14	85			
Tipo 1.8 i.e.	[159A4.000]		10.90- 06.93	111620	14	65	10.90- 06.93	113962	12 0.9
	[835C4.000]		09.93- 10.95	111620	14	65	09.93- 10.95	113962	12 0.9
Tipo 1.8 i.e. GT	[159A4.046]		10.92- 06.93	111620	14	65	10.92- 06.93	115312	12 1.1
Tipo 2.0 16V	[160A8.046]		03.90- 10.95	111620	14	65	03.90- 10.95	115400	12 1.4
Tipo 2.0 i.e. 16V Sport	[836A3.000]		03.93- 10.95	111620	14	65	03.93- 10.95	115400	12 1.4
Tipo 2.0 i.e.	[159A5.046]		06.90- 03.92	111620	14	65	06.90- 03.92	113962	12 0.9
	[159A6.046]		03.90- 10.95	111620	14	65	03.90- 10.95	115400	12 1.4
Tipo Saloon 1.6 Multijet Multijet (357SXG1)	[46346020]		11.20-	116761	14	150			
Ulysse 1.8	[LFW]	AC	05.96-	112298	14	80	05.96-	111070	12 1.7
		AC	05.96-	112299	14	95	05.96-	114854	12 2.5
		AC	05.96-	112772	14	120	05.96-	114126	12 2.3
Ulysse 1.9 TD	[DHX (XUD9TF/L)]		10.94-	112688	14	95	10.94-	114460	12 1.4
			10.94-	112703	14	120			
			10.94-	113485	14	80	10.94-	114126	12 2.3
Ulysse 2.0 JTD 16V	[RHW (DW10ATED4)]		05.99- 08.02	112460	14	150	05.99- 08.02	111070	12 1.7
			05.99- 08.02	113503	14	120			
Ulysse 2.0 JTD	[RHM (DW10ATED4)]		05.03-	113640	14	150			
	[RHW (DW10ATED4)]		08.02-	112461	14	150	08.02-	111070	12 1.7
			08.02-	113640	14	150			
	[RHZ (DW10ATED4)]		10.99-	112460	14	150	10.99-	111130	12 1.1
	[RHK]		05.06-	113640	14	150			
Ulysse 2.0 Multijet	[RHR]		05.06-	113640	14	150			
			05.06-	113640	14	150			
Ulysse 2.0	[RFN (EW10J4)]			112460	14	150		111070	12 1.7
				112461	14	150			
				112469	14	90			
				113575	14	80			
				113640	14	150			
				113755	14	150			
	[RFU (XU10J2C)]		10.94-	112298	14	80	10.94-	111070	12 1.7
			10.94-	112299	14	95	10.94-	114854	12 2.5
		AC	06.94- 05.00	112772	14	120	06.94- 05.00	114460	12 1.4
	[RFN (EW10J4)]		03.00-	112460	14	150	03.00-	111130	12 1.1
Ulysse 2.0 16V			03.00-	112480	14	90	03.00-	114460	12 1.4
	[RFV]		05.98-	111318	14	80	05.98-	111130	12 1.1
			05.98- 09.00	113604	14	95			

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



FIAT Continued

Ulysse 2.0 Turbo	[RGX (XU10J2CTE)]	06.94- 08.02	113604	14 95		10.94-	111070	12 1.7
		10.94-	112298	14 80		10.94-	114854	12 2.5
		10.94-	112299	14 95		03.97- 08.02	111130	12 1.1
		03.97- 08.02	111318	14 80		06.94- 02.97	114460	12 1.4
		AC 06.94- 02.97	112772	14 120				
Ulysse 2.1 TD	[P8C]	03.96-	112688	14 95		03.96-	114460	12 1.4
		03.96-	112703	14 120				
		03.96-	113485	14 80				
Ulysse 2.2 JTD	[4HP] [4HR] [4HW (DW12ATED4)]	03.08-	113640	14 150				
		03.08-	113640	14 150				
		08.02-	112461	14 150		08.02-	111070	12 1.7
		08.02-	113640	14 150				
Uno 0.9	[146A.000] [146A1.000]	02.88- 07.96	111078	14 45		02.88- 07.96	111619	12 1.7
		02.88- 07.96	111078	14 45		02.88- 07.96	111619	12 1.7
Uno 0.9 ES	[146A.000] [146A1.000]	03.83- 09.92	111078	14 45		03.83- 09.92	110365	12 0.8
		03.83- 09.92	111078	14 45		03.83- 09.92	111619	12 1.7
Uno 1.0	[156A2.048] [156A2.100]	06.86- 05.91	111036	14 45				
		06.86- 12.93	111036	14 45				
Uno 1.1	[138B.000] [146A4.048]	01.83- 08.89	111035	14 65		01.83- 08.89	111619	12 1.7
		05.85- 08.89	111035	14 65		05.85- 08.89	111619	12 1.7
Uno 1.3	[138B2.000] [149A7.000]	01.83- 04.85	111035	14 65		01.83- 04.85	111619	12 1.7
		05.85- 08.89	111035	14 65		05.85- 08.89	111585	12 0.8
Uno 1.3 i.e. Turbo	[146A2.000] [146A2.146] [146A2.246]	04.85- 08.89	111148	14 65		04.85- 08.89	111025	12 0.8
		10.87- 08.89	111148	14 65		10.87- 08.89	111025	12 0.8
		09.89- 03.91	111148	14 65		09.89- 03.91	110365	12 0.8
Uno 1.4 TD	[146B3.000]	10.86- 10.90	112719	14 55	A49			
		10.86- 10.90	116331	14 55				
Uno 1.4 S	[160A1.048]	09.89- 10.92	111035	14 65		09.89- 10.92	111585	12 0.8
		09.89- 10.92	111148	14 65		09.89- 10.92	111025	12 0.8
Uno 1.4 i.e. Turbo	[146A8.000]	12.89- 12.96	111148	14 65		12.89- 12.96	111025	12 0.8
Uno 1.4 i.e.	[146C1.000] [160A1.046]	09.89- 12.93	111035	14 65		09.89- 12.93	111619	12 1.7
		09.89- 12.93	111035	14 65		09.89- 12.93	113752	12 1.8
Uno 1.5 i.e.	[138C2.048] [149C1.000]	10.85- 08.87	111035	14 65		10.85- 08.87	110365	12 0.8
		10.85- 08.87	111148	14 65				
		09.87- 03.94	111035	14 65		09.87- 03.94	110365	12 0.8
		09.87- 03.94	111148	14 65				
Uno 1.7 Diesel	[146B2.000] [149B3.000] [149B4.046]	02.88- 02.92	110890	14 55		02.88- 02.92	111025	12 0.8
		09.89- 03.94	112719	14 55	A49			
		09.89- 12.93	116331	14 55				
		07.86- 08.89	112719	14 55	A49	02.88- 02.92	111025	12 0.8
		07.86- 08.89	116331	14 55				
Uno 1.9 Diesel	[149B5.046]	02.88- 02.92	110890	14 55				
		09.89- 03.94	110912	14 55		09.89- 03.94	111025	12 0.8
		09.89- 03.94	112719	14 55	A49			
Various Models		09.89- 03.94	116331	14 55				
						01.71- 12.87	110813	12 2.7
						06.79- 10.86	110814	12 2.7
						03.86-	111619	12 1.7
				11.93- 05.95	111422	12 0.8		
X1/9 1.3	[128AS.000]	01.73- 12.79	110899	14 33				
X1/9 1.5 5-speed	[138AS.000]	11.78- 12.89	111035	14 65				
PASSENGER CARS US								
124 1.2		01.69- 01.69	110611	14 55				
124 1.4		01.69- 01.73	110611	14 55				
124 1.4 Spider		01.69- 01.70	110611	14 55				
124 1.6		01.71- 01.73	110611	14 55				
124 1.6 Spider		01.71- 01.73	110611	14 55				
124 1.8		01.74- 01.75	110611	14 55				
124 1.8 Spider		01.74- 01.78	110611	14 55				
124 2.0 Spider		01.79- 01.80	110912	14 55				
128 1.1		01.71- 01.73	110899	14 33				
128 1.3		01.73- 01.78	110899	14 33				
Brava 2.0		01.79- 01.80	110912	14 55				
Ducato 3.0 Multijet	[F1CE0481D]	10.06- 05.12	116043	14 180				
Siena 1.0	[178D9.011]	03.00- 02.03	113535	14 85				
Siena 1.2	[178E8.011]	09.02- 02.04	113535	14 85				
Strada 1.5		01.81- 01.82	111148	14 65				
		01.79- 01.80	111035	14 65				
Strada 1.5 Custom		01.81- 01.82	111148	14 65				
		01.80- 01.80	111035	14 65				
X-1/9 1.3		01.74- 01.78	110899	14 33				
X-1/9 1.5		01.81- 01.83	111148	14 65				
		01.79- 01.80	111035	14 65				
PASSENGER CARS AO								
Doblo 1.3 JTD	[199A2.000]	05.05-	114451	14 105		05.05-	113719	12 1.3
		05.05-	115668	14 90		05.05-	115869	12 1.3 A49
Ducato 2.0 4x4	[RFW]	11.94- 11.01	112299	14 95		11.94- 11.01	112436	12 2.3
Ducato 2.5 TD	[8140.47]	06.94- 08.98	111498	14 110	Chas. -7600144	06.94- 08.98	112436	12 2.3
		06.94- 08.98	112681	14 80		06.94- 08.98	112026	12 2.6
						06.94- 08.98	113451	12 2.2
Ducato 2.5 TD 4x4	[8140.47]	11.94- 04.98	111498	14 110	Chas. -7600144	11.94- 04.98	112436	12 2.3
		11.94- 04.98	112681	14 80		11.94- 04.98	113451	12 2.2
Ducato 2.5 TD Panorama 4x4	[8140.27]	07.90- 02.94	110890	14 55		07.90- 02.94	111130	12 1.1
Ducato 2.8 4x4	[8140.43]	05.98- 09.01	111498	14 110	Chas. -7600144	05.98- 09.01	112436	12 2.3
		05.98- 09.01	112681	14 80		05.98- 09.01	113451	12 2.2
		05.98- 09.01	114684	14 120	Chas. 7600145-	05.98- 09.01	113935	12 2.5
Ducato 2.8 Diesel	[8140.43]	11.03- 07.06	114684	14 120	Chas. 7600145-	11.03- 07.06	113935	12 2.5
						11.03- 07.06	113451	12 2.2
						11.03- 07.06	113846	12 2.2
						11.03- 07.06	115501	12 2.5 A49
Ducato 2.8 Diesel 4x4	[8140.43]	11.03- 07.06	114684	14 120	Chas. 7600145-	11.03- 07.06	113935	12 2.5
						11.03- 07.06	113846	12 2.2
						11.03- 07.06	115501	12 2.5 A49
Ducato 2.8 TD 4x4	[8140.43] [8140.63]	05.98- 09.01	111498	14 110	Chas. -7600144	05.98- 09.01	112436	12 2.3
		05.98- 09.01	114684	14 120	Chas. 7600145-	05.98- 09.01	113935	12 2.5
		05.98- 11.01	111498	14 110	Chas. -7600144	05.98- 11.01	112436	12 2.3
		05.98- 11.01	112681	14 80		05.98- 11.01	113451	12 2.2
		05.98- 11.01	114684	14 120	Chas. 7600145-	05.98- 11.01	113935	12 2.5
Fiorino 1.7 Diesel	[146B2.000]					01.88- 10.99	111619	12 1.7
						09.93- 10.99	113752	12 1.8



Fiorino 1.7 TD S	[146D7.000]					11.96- 05.00	113752	12	1.8
Linea 1.3 Multijet	[199A3.000]	09.09-	115852	14	105				
Multipla 1.6	[182B6.000]					05.04- 08.05	114035	12	1.3
Multipla 1.6 G	[182B6.000]					03.01- 08.05	114035	12	1.3
Palio 1.3 Multijet	[188A9.000]	06.03- 06.03-	113722 115963	14	90 14 90	06.03- 06.03- 06.03-	113719 113931 115869	12	1.3 1.7 1.3 A49
Palio 1.9 Diesel	[223A6.000]					09.00-	114321	12	2.0 BO
Panda 0.9 Fire S 4x4	[146A.048]					09.86-	110365	12	0.8
Panda 1.1 4x4	[187A1.000]					10.91-	111025	12	0.8
Regata 1.5 85		09.83- 08.88	111148	14	65				
		09.83- 08.88	111035	14	65				
Siena 1.6	[182B6.000]					11.00-	114035	12	1.3
Siena 1.7 Diesel GL	[176A3.000]					10.96-	113752	12	1.8
Strada 1.2 Trekking	[178B7.045]	11.05-	114462	14	70				
Tempra 1.6	[159A3.048]	04.90- 06.93	111148	14	65				
MISCELLANEOUS									
DI 130 8.1	[8365.05.555]					07.81- 07.81- 12.89	110518 110522	24	4.0 3.0
DI 130 C 5.9	[8061..]					09.88-	110521	24	4.0
DI 150 C 5.9	[8061..]					09.88-	110518	24	4.0
						09.88-	110521	24	4.0
DI 20 C						01.80-	110529	12	3.0
DI 25 C						01.80-	110529	12	3.0
DI 50 CH 3.9	[8045.05.359]					06.85-	110529	12	3.0
DI 60 C 3.9	[8045.05.359]					06.85-	110529	12	3.0
DI 70						01.81-	110529	12	3.0
DI 70 C						01.81-	110529	12	3.0
Various Models						01.71- 12.82	110813	12	2.7
						01.73-	110529	12	3.0
						01.71- 12.82	110213	24	6.6
Fiat-Allis									
INDUSTRY									
FB 80.2 Tractor/Loader/Backhoes	[BSD444]						110462	12	2.8
							110813	12	2.7
Ford									
PASSENGER CARS EU									
Aerostar 4.0 i V6 4WD						01.92- 01.93	111844	12	1.4
B-Max 1.0 EcoBoost	[M1JA]	10.12-	115456	14	150	10.12-	115555	12	1.0
	[M1JE]	10.12-	115456	14	150	10.12-	115555	12	1.0
	[SFJA]	10.12-	115456	14	150	10.12-	115555	12	1.0
	[SFJB]	10.12-	115456	14	150	10.12-	115555	12	1.0
	[SFJC]	10.12-	115456	14	150	10.12-	115555	12	1.0
	[SFJD]	10.12-	115456	14	150	A25 10.12-	115555	12	1.0
						10.12-	116421	12	2.0
B-Max 1.0 EcoBoost	[M1JA]	08.12-	115456	14	150	A25 10.12-	116421	12	2.0
						A25 08.12-	116421	12	2.0
						08.12-	116266	12	1.2
B-Max 1.4	[SPJD]	10.12-	114883	14	120	10.12-	113905	12	1.4 A49
B-Max 1.4 LPG	[RTJC]	08.13-	114883	14	120	08.13-	113905	12	1.4 A49
B-Max 1.4 LPG	[RTJC]	10.12-	114883	14	120	10.12-	113905	12	1.4 A49
B-Max 1.5 TDCi	[UGJC]	10.12-	114724	14	150	10.12-	11906	12	1.1
		10.12-	115459	14	120	A25 10.12-	116421	12	2.0
	[XVJA]	04.15-	114724	14	150	04.15-	11906	12	1.1
		04.15-	115459	14	120	04.15-	116159	12	1.4
	[XVJC]	04.15-	114724	14	150	04.15-	11906	12	1.1
		04.15-	115459	14	120	04.15-	113905	12	1.4 A49
						04.15-	116159	12	1.4
B-Max 1.6 TDCi	[T3JB]	10.12-	114724	14	150	10.12-	11906	12	1.1
		10.12-	115459	14	120	10.12-	116159	12	1.4
B-Max 1.6 Ti	[IQJA]	10.12-	114883	14	120	10.12-	113905	12	1.4 A49
Bronco II 2.9 i V6 4x4						01.88- 08.90	112016	12	
Capri 1.3	[J1E]	01.74- 08.77	110759	14	35	RHD 01.74- 08.77	110831	12	0.8
		RHD 01.74- 08.77	11086	14	65	02.74- 08.77	110842	12	1.4
		01.74- 08.77	111289	14	70	01.74- 08.77	110336	12	0.75
Capri 1.3 1300	[EV13H]	01.71- 12.72	110759	14	35	RHD 01.71- 12.72	110336	12	0.75
		01.71- 12.72	111289	14	70	RHD 01.71- 12.72	110831	12	0.8
		RHD 01.71- 12.72	110178	14	36				
		RHD 09.72- 12.72	111086	14	65				
	[EV13L]	12.68- 04.74	110759	14	35	12.68- 04.74	110831	12	0.8
		RHD 12.68- 04.74	110178	14	36				
	[KL13HC]	01.72- 12.72	110759	14	35	01.72- 12.72	110842	12	1.4
		01.72- 12.72	111289	14	70				
	[KL13L]	01.71- 12.73	110759	14	35	01.71- 12.73	110842	12	1.4
		01.71- 12.73	111289	14	70				
		RHD 09.72- 12.73	111086	14	65				
Capri 1.6	[LAC]	09.74- 12.77	111289	14	70				
		RHD 09.74- 12.77	111086	14	65				
	[LCE]	01.74- 12.77	111289	14	70				
		RHD 01.74- 12.77	111086	14	65				
	[LCN]	01.78- 04.87	111289	14	70				
		RHD 01.78- 04.87	111086	14	65				
	[LEC]	01.74- 12.77	111289	14	70	01.74- 12.77	110336	12	0.75
		RHD 01.74- 12.77	111086	14	65				
Capri 1.6 1600	[LE]	08.72- 04.74	111289	14	70	01.70-	110831	12	0.8
		RHD 01.70-	110179	14	36	09.72- 02.74	110336	12	0.75
		RHD 09.72- 02.74	111086	14	65				
	[OHCTL16H]	08.72- 02.74	111289	14	70	08.72- 02.74	110336	12	0.75
		RHD 08.72- 02.74	111086	14	65				
Capri 1.6 1600 GT		01.69- 10.72	111289	14	70				
Capri 1.7 1700	[TV17H]	12.68- 08.72	111289	14	70				
Capri 2.0	[NWN]	04.76- 12.77	111289	14	70				
	[NYL]	01.78- 12.82	111289	14	70				
	[OHC2VHC]	01.78- 12.85	111289	14	70				
		11.81- 12.85	111086	14	65				
	[OHCTL20H]	04.74- 06.84	111289	14	70				
		RHD 04.74- 06.86	111086	14	65				
Capri 2.0 2000	[TV20H]	02.69- 08.72	111289	14	70	02.69- 08.72	110831	12	0.8
		RHD 02.69- 08.72	110179	14	36	09.72- 02.74	110336	12	0.75
		RHD 02.69- 08.72	111184	14	43				
		RHD 09.72- 02.74	111086	14	65				



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	[TV20L]	02.69- 06.71	111289	14	70	RHD	02.69- 06.71	110831	12	0.8
		RHD 02.69- 06.71	110179	14	36					
		RHD 02.69- 06.71	111184	14	43					
Capri 2.3	[YYE]	01.74- 12.77	111289	14	70					
		RHD 01.74- 12.77	111086	14	65					
Capri 2.3 2300	[TV232H]	02.69- 04.74	111289	14	70		09.72- 04.74	110336	12	0.75
		RHD 09.72- 04.74	111086	14	65					
	[TV23S]	08.69- 04.74	111289	14	70		09.72- 04.74	110336	12	0.75
		RHD 09.72- 04.74	111086	14	65					
Capri 2.3 Super	[YYN]	06.79- 12.85	111289	14	70					
		RHD 06.79- 12.85	111086	14	65					
Capri 2.6 2600	[UY]	08.70- 04.74	111289	14	70		09.72- 04.74	110336	12	0.75
		RHD 09.72- 04.74	111086	14	65					
Capri 3.0	[HYF]	01.74- 12.77	111289	14	70					
		02.74- 12.77	111086	14	65					
Capri 3.0 3000	[HY]	08.72- 08.81	111086	14	65		08.72- 08.81	110336	12	0.75
C-Max 1.0 Ecoboost	[M1DA]	10.12-	115933	14	150		10.12-	116062	12	1.2
		10.12-	116222	12	120					
	[M2DA]	10.12-	115933	14	150		10.12-	116062	12	1.2
		10.12-	116222	12	120					
	[SFDA]	10.12-	115933	14	150		10.12-	116062	12	1.2
		10.12-	116222	12	120		10.12-	116049	12	1.4 A49
C-Max 1.5 TDCi	[XWDA]	03.15-	114724	14	150		A25 03.15-	116316	12	2.0
		03.15-	115459	14	120		03.15-	116062	12	1.2
	[XWDB]	03.15-	114724	14	150		A25 03.15-	116316	12	2.0
		03.15-	115459	14	120		03.15-	116062	12	1.2
	[XXDA]	03.15-	115459	14	120		03.15-	116062	12	1.2
C-Max 1.5 TDCi ECOnetic	[AEDA]	03.15-	115459	14	120		03.15-	116062	12	1.2
C-Max 1.6 Flexfuel	[MUDA]	02.11-	114883	14	120		02.11-	116157	12	2.2
C-Max 1.6 TDCi	[G8DA]	02.07-	113849	14	150 A49		02.07-	111906	12	1.1
		02.07-	113922	14	120		02.07-	113906	12	1.2
		02.07-	116294	14	150		02.07-	116049	12	1.4 A49
	[G8DB]	02.07-	113849	14	150 A49		02.07-	111906	12	1.1
		02.07-	113922	14	120		02.07-	113908	12	1.2 A49
		02.07-	116294	14	150					
	[G8DC]	02.07-	113849	14	150		02.07-	113906	12	1.2
		02.07-	113922	14	120		02.07-	113908	12	1.2 A49
	[G8DD]	02.07-	113849	14	150 A49		02.07-	111906	12	1.1
		02.07-	113922	14	120		02.07-	113908	12	1.2 A49
		02.07-	116294	14	150					
	[GPDA]	02.07-	113849	14	150 A49		02.07-	111906	12	1.1
		02.07-	113922	14	120		02.07-	113906	12	1.2
		02.07-	116294	14	150		02.07-	116049	12	1.4 A49
	[HHDA]	02.07-	113849	14	150 A49		02.07-	111906	12	1.1
		02.07-	113922	14	120		02.07-	113908	12	1.2 A49
		02.07-	116294	14	150					
	[HHDB]	02.07-	113849	14	150 A49		02.07-	111906	12	1.1
		02.07-	113922	14	120		02.07-	113908	12	1.2
		02.07-	116294	14	150					
	[MTDA]	02.07-	113849	14	150		02.07-	111906	12	1.1
		02.07-	113922	14	120		02.07-	113908	12	1.2 A49
	[T1DA]	12.10-	114724	14	150		12.10-	115555	12	1.0
	[T1DA, T1DB]	12.10-	114724	14	150		A25 12.10-	116316	12	2.0
		12.10-	115459	14	120		12.10-	116157	12	2.2
	[T1DB]	12.10-	114724	14	150		A25 12.10-	116316	12	2.0
		12.10-	115459	14	120		12.10-	116062	12	1.2
	[T3DA]	12.10-	114724	14	150		12.10-	113911	12	2.2 A49
	[T3DA, T3DB]	12.10-	114724	14	150		A25 12.10-	116316	12	2.0
		12.10-	115459	14	120		12.10-	116157	12	2.2
	[T3DB]	12.10-	114724	14	150		A25 12.10-	116316	12	2.0
		12.10-	115459	14	120		12.10-	115555	12	1.0
							12.10-	116157	12	2.2
C-Max 1.6	[HWDA]	02.07-	114009	14	105		02.07-	113908	12	1.2 A49
	[HWDB]	02.07-	114009	14	105		02.07-	113908	12	1.2 A49
	[SHDA]	02.07-	114009	14	105		02.07-	113908	12	1.2 A49
	[SHDB]	02.07-	114009	14	105		02.07-	113908	12	1.2 A49
	[SHDC]	02.07-	114009	14	105		02.07-	113911	12	2.2 A49
C-Max 1.6 Ecoboost	[JQDA]	12.10-	115959	14	120		12.10-	116062	12	1.2
	[JQDB]	12.10-	115959	14	120		12.10-	116062	12	1.2
	[JTDA]	12.10-	115959	14	120		12.10-	116062	12	1.2
	[JTDB]	12.10-	115959	14	120		12.10-	116062	12	1.2
C-Max 1.6 LPG	[MUDA]	02.12-	114883	14	120		02.12-	116157	12	2.2
C-Max 1.6 Ti	[MUDA]	02.12-	114883	14	120		02.12-	116157	12	2.2
	[XTDA]	12.10-	114883	14	120		12.10-	116157	12	2.2
C-Max 1.6 Ti-CVT	[IQDA]	12.10-	114883	14	120		A25 12.10-	116316	12	2.0
	[IQDB]	12.10-	114883	14	120		12.10-	116157	12	2.2
	[PNDA]	12.10-	114883	14	120		A25 12.10-	116316	12	2.0
C-Max 1.6 CNG CNG		01.13-	114883	14	120		01.13-	116157	12	2.2
C-Max 1.6 Ecoboost	[JTDA, JTDB]	12.10-	115959	14	120		12.10-	116062	12	1.2
C-Max 1.6 Ti	[IQDA, IQDB]	10.10-	114883	14	120		10.10-	116157	12	2.2
C-Max 1.8 TDCi	[KKDA]	02.07-	114804	14	105		02.07-	113911	12	2.2 A49
		AC 02.07-	114250	14	120					
		AC, A19 02.07-	114248	14	150					
C-Max 1.8	[QQDA]	02.07-	114065	14	120		02.07-	113911	12	2.2 A49
	[QQDB]	02.07-	114065	14	120		02.07-	113911	12	2.2 A49
	[QQDC]	02.07-	114065	14	120		02.07-	113911	12	2.2 A49
C-Max 1.8 FlexFuel	[Q7DA]	02.07-	114065	14	120		02.07-	113911	12	2.2 A49
C-Max 2.0 CNG	[SYDA]	04.09-	113978	14	120		04.09-	113908	12	1.2 A49
C-Max 2.0 LPG	[SYDA]	06.08-	113978	14	120		06.08-	113908	12	1.2 A49
C-Max 2.0 TDCi	[G6DA]	02.07-	113849	14	150 A49		02.07-	111906	12	1.1
		02.07-	113922	14	120		02.07-	113906	12	1.2
		02.07-	116294	14	150		02.07-	116049	12	1.4
	[G6DB]	02.07-	113849	14	150 A49		02.07-	111906	12	1.1
		02.07-	113922	14	120		02.07-	113908	12	1.2 A49
		02.07-	116294	14	150					
	[G6DC]	02.07-	113849	14	150 A49		02.07-	111906	12	1.1
		02.07-	113922	14	120		02.07-	113908	12	1.2 A49
		02.07-	116294	14	150					



C-Max 2.0	[G6DD]	02.07-02.07-02.07-	113849 113922 116294	14 150 A49 14 120 14 150	02.07-02.07-	114092 113908	12 2.0 12 1.2 A49
	[G6DE]	02.07-02.07-02.07-	113849 113922 116294	14 150 A49 14 120 14 150	02.07-02.07-	113906 113908	12 1.2 12 1.2 A49
	[G6DF]	02.07-02.07-02.07-	113849 113922 116294	14 150 A49 14 120 14 150	02.07-02.07-	113906 113908	12 1.2 12 1.2
	[G6DG]	02.07-02.07-02.07-	113849 113922 116294	14 150 A49 14 120 14 150	02.07-02.07-	113906 113908	12 1.2 12 1.2 A49
	[IXDA]	02.08-02.08-02.08-	113849 113922 116294	14 150 A49 14 120 14 150	02.08-02.08-	111906 113908	12 1.1 12 1.2 A49
	[T7DB]	03.15-	116594	14 150			
	[T8DE]	03.15-	116594	14 150			
	[TXDB]	12.10-	115459	14 120	12.10-	116157	12 2.2
	[UFDB]	02.11-	115459	14 120	02.11-	116157	12 2.2
	[AODA]	02.07-AT 02.07-	114065 113978	14 120 14 120	02.07-02.07-	113911 113908	12 2.2 A49 12 1.2 A49
	[AODB]	02.07-02.07-	113978 114065	14 120 14 120	02.07-02.07-	113908 113911	12 1.2 A49 12 2.2 A49
	[AODE]	02.07-02.07-	113978 114065	14 120 14 120	02.07-02.07-	113908 113911	12 1.2 A49 12 2.2 A49
	[SYDA]	02.07-02.07-	113978 114065	14 120 14 120	02.07-02.07-	113908 113911	12 1.2 A49 12 2.2 A49
	Consul 1.7 1700	01.72- 02.76	110759	14 35			
	Consul 2.0 2000	01.72- 12.75	110759	14 35			
Cortina 1.3 1300	[TL20H]	03.72- 02.76	110759	14 35			
		03.72- 02.75	111086	14 65			
		03.72- 02.75	110759	14 35			
Cortina 1.6 1600	[TV23H]	01.72- 12.74	111086	14 65			
	[EV30H]	01.70- 03.72	110178	14 36	01.70- 03.72	110336	12 0.75
Cortina 1.6 1600 GT		10.70- 03.72	110179	14 36			
		09.69-	110178	14 36	09.69-	110336	12 0.75
		09.69-	110179	14 36			
Cougar 2.0 16V	[EDBA]	10.70- 03.72	110178	14 36	10.70- 03.72	110336	12 0.75
		10.70- 03.72	110179	14 36			
	[EDBB]				AT 08.98-08.98-	112340 112235	12 1.4 12 1.4
	[EDBC]				AT 08.98-12.00	112340	12 1.4
	[EDBD]				AT 08.98-12.00	112340	12 1.4
Cougar 2.5 i ST 200	[SGA]	01.00- 12.01	112939	14 130	01.00- 12.01	111374	12 1.5
	[LCBA]	08.98- 12.01	112939	14 130	08.98- 12.01	111374	12 1.5
	[LCBB]				08.98- 12.00	111374	12 1.5
	[LCBC]				06.00-	111374	12 1.5
	[LCBE]				08.98- 12.00	111374	12 1.5
Econovan 1.4	[FHA]	04.89- 12.91	111289	14 70	04.89- 12.91	111131	12 0.8
	[UC]	08.85- 03.92	110136	14 50	08.85- 03.92	110389	12 2.0
	[RF]	03.86- 03.92	110699	14 50			
Ecosport 1.0	[M1JC]	03.86- 03.92	110706	14 60			
		10.13-	115456	14 150	10.13-	116159	12 1.4
		10.13-	116221	14 120			
Ecosport 1.5 TDCi	[UGJE]	10.13-	114724	14 150	10.13-	111906	12 1.1
		10.13-	115459	14 120	10.13-	116159	12 1.4
	[XVJD]	05.15-	114724	14 150	05.15-	113905	12 1.4 A49
		05.15-	115459	14 120			
		10.13-	114883	14 120	10.13-	113905	12 1.4 A49
Ecosport SUV 1.0 Ecoboost					04.20-	115555	12 1.0
					08.17-	113906	12 1.2
	[R9MA]						
Escort 1.1	[G1]	10.74- 08.80	110759	14 35	A13 10.74- 08.80	111131	12 0.8
		RHD 12.74- 08.80	110178	14 36	RHD 12.74- 08.80	110831	12 0.8
		RHD 12.74- 08.80	111185	14 43 A47	12.74- 08.80	110336	12 0.75
	[G2]	10.74- 08.80	110759	14 35	A13 10.74- 08.80	111131	12 0.8
		RHD 12.74- 08.80	110178	14 36	RHD 12.74- 08.80	110831	12 0.8
		RHD 12.74- 08.80	111185	14 43 A47	12.74- 08.80	110336	12 0.75
	[GLB]	09.80- 12.85	110759	14 35	09.80- 12.85	111131	12 0.8
		09.80- 08.83	110770	14 55	09.80- 08.83	112290	12 2.2
		09.80- 08.83	111289	14 70			
		09.80- 08.83	111362	14 55			
	[GMA]	09.80- 08.83	110759	14 35	A13 09.80- 08.83	111131	12 0.8
		09.80- 08.83	110770	14 55	09.80- 08.83	110336	12 0.75
		09.80- 08.83	111289	14 70	09.80- 08.83	112290	12 2.2
		09.80- 08.83	111362	14 55			
	[GPA]	09.80- 08.83	111289	14 70	09.80- 08.83	112235	12 1.4
	[GSE]	09.80- 05.83	110759	14 35	09.80- 05.83	111131	12 0.8
		09.80- 05.83	111289	14 70	09.80- 05.83	111750	12 1.4
					08.83- 12.85	112290	12 2.2
	[GSG]	01.86- 07.90	111362	14 55	10.85- 12.88	112290	12 2.2
		10.85- 12.88	111289	14 70	12.85- 07.90	111131	12 0.8
		12.85- 07.90	110891	14 70 A47	01.86- 07.90	111750	12 1.4
Escort 1.1 1100	[G1]	01.68- 12.74	110178	14 36	RHD 01.68- 12.74	110831	12 0.8
		01.75- 02.76	110759	14 35	01.75- 02.76	111131	12 0.8
		RHD 01.75- 02.76	110179	14 36	01.75- 02.76	110867	12 1.7
	[G2]	06.70- 12.74	110178	14 36	RHD 06.70- 12.74	110831	12 0.8
		01.75- 08.80	110759	14 35	A13 01.75- 08.80	111131	12 0.8
Escort 1.1 Express		RHD 01.75- 02.76	110179	14 36	01.75- 02.76	110867	12 1.7
	[GLB]	03.81- 05.83	110759	14 35	03.81- 05.83	111131	12 0.8
		03.81- 12.85	111289	14 70	03.81- 12.85	112290	12 2.2
	[GSG]	05.86- 07.90	110891	14 70 A47	05.86- 07.90	111131	12 0.8
		05.86- 07.90	111289	14 70	05.86- 07.90	112290	12 2.2
Escort 1.3		05.86- 07.90	111362	14 55			
	[J1]	08.76- 08.80	110759	14 35	A13 08.76- 08.80	111131	12 0.8
		RHD 08.76- 08.80	110178	14 36	RHD 08.76- 08.80	110831	12 0.8
		RHD 08.76- 07.81	111185	14 43 A47	08.76- 07.81	110336	12 0.75

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	[J1F]	12.74- 08.80	110759	14	35	A13	12.74- 08.80	111131	12	0.8
		RHD 12.74- 08.80	110178	14	36	RHD	12.74- 08.80	110831	12	0.8
		RHD 12.74- 08.80	111185	14	43 A47		12.74- 08.80	110336	12	0.75
	[J2]	12.74- 08.80	110759	14	35	A13	12.74- 08.80	111131	12	0.8
		RHD 12.74- 08.80	110178	14	36	RHD	12.74- 08.80	110831	12	0.8
		RHD 12.74- 08.80	111185	14	43 A47		12.74- 08.80	110336	12	0.75
	[J3]	12.74- 08.80	110759	14	35	A13	12.74- 08.80	111131	12	0.8
		RHD 12.74- 08.80	110178	14	36	RHD	12.74- 08.80	110831	12	0.8
		RHD 12.74- 08.80	111185	14	43 A47		12.74- 08.80	110336	12	0.75
	[J4B]	01.95- 02.99	111289	14	70		01.95- 02.99	112290	12	2.2
		07.90- 09.92	110891	14	70 A47		07.90- 09.92	111131	12	0.8
		08.93- 01.95	111362	14	55		09.91- 09.92	110867	12	1.7
	[J6A]	07.90- 09.92	110891	14	70 A47		07.90- 09.92	111131	12	0.8
		07.90- 10.00	111289	14	70		07.90- 10.00	112290	12	2.2
		07.90- 10.00	111362	14	55		09.91- 09.92	110867	12	1.7
	[JBA]	07.88- 10.90	110891	14	70 A47		07.88- 10.90	111131	12	0.8
		07.88- 07.90	111362	14	55					
	[JBB]	01.86- 07.90	110891	14	70 A47		01.86- 07.90	110867	12	1.7
		08.88- 07.90	111289	14	70		01.86- 07.90	111131	12	0.8
		08.88- 07.90	111362	14	55		08.88- 07.90	112290	12	2.2
	[JLA]	01.86- 07.90	110891	14	70 A47		01.86- 07.90	110867	12	1.7
		01.86- 07.90	111289	14	70		01.86- 07.90	111131	12	0.8
		01.86- 07.90	111362	14	55		01.86- 07.90	111750	12	1.4
	[JLB]	01.86- 07.90	110891	14	70 A47	A13	01.86- 07.90	111131	12	0.8
		01.86- 07.90	111289	14	70	A13	01.86- 07.90	112290	12	2.2
		01.86- 07.90	111362	14	55					
	[JPA]	01.82- 12.85	111289	14	70		01.82- 12.85	112290	12	2.2
		03.81- 12.85	110770	14	55		03.81- 12.85	110336	12	0.75
		09.80- 05.83	110759	14	35		09.80- 05.83	111131	12	0.8
		09.80- 12.85	110891	14	70		09.80- 12.85	110867	12	1.7
		09.80- 12.85	111362	14	55		09.83- 12.85	110227	12	
	[KL13H]	01.75- 08.80	110759	14	35	A13	01.75- 08.80	111131	12	0.8
		RHD 01.75- 08.80	110178	14	36	RHD	01.75- 08.80	110831	12	0.8
		RHD 04.75- 01.79	111185	14	43 A47		04.75- 01.79	110336	12	0.75
	[J1F]	09.73- 12.74	110178	14	36	RHD	09.73- 12.74	110831	12	0.8
		01.75- 08.80	110759	14	35		01.75- 08.80	111131	12	0.8
		RHD 01.75- 02.76	110179	14	36					
	[J2]	06.70- 12.74	110178	14	36	RHD	06.70- 12.74	110831	12	0.8
		01.75- 08.80	110759	14	35	A13	01.75- 08.80	111131	12	0.8
		RHD 01.75- 02.76	110179	14	36		01.75- 02.76	110867	12	1.7
	[J3D]	06.70- 12.74	110178	14	36	RHD	06.70- 12.74	110831	12	0.8
		01.75- 08.80	110759	14	35		01.75- 08.80	111131	12	0.8
		RHD 01.75- 02.76	110179	14	36		01.75- 02.76	110867	12	1.7
	[JBA]	07.88- 07.90	110891	14	70 A47		07.88- 07.90	111131	12	0.8
		07.88- 07.90	111362	14	55					
		02.86- 07.90	110891	14	70 A47		02.86- 07.90	111131	12	0.8
	[JBB]	02.86- 07.92	111289	14	70		02.86- 07.92	112290	12	2.2
		02.86- 07.92	111362	14	55					
		07.90- 12.94	110891	14	70 A47		07.90- 12.94	111131	12	0.8
	[JBD]	07.90- 12.94	111362	14	55					
		02.86- 07.90	110891	14	70 A47		02.86- 07.90	111131	12	0.8
		02.86- 07.92	111289	14	70		02.86- 07.92	112290	12	2.2
	[JLA]	02.86- 07.92	111362	14	55					
		02.86- 07.90	110891	14	70 A47		02.86- 07.90	111131	12	0.8
		02.86- 07.92	111289	14	70	A13	02.86- 07.92	112290	12	2.2
	[JLB]	02.86- 07.90	110891	14	70 A47		02.86- 07.90	111131	12	0.8
		02.86- 07.92	111289	14	70		02.86- 07.92	112290	12	2.2
		02.86- 07.92	111362	14	55					
	[JPA]	03.81- 05.83	110759	14	35		03.81- 05.83	111131	12	0.8
		01.82- 12.85	111289	14	70		01.82- 12.85	112290	12	2.2
		01.95- 12.99	110770	14	55		08.90- 01.95	111131	12	0.8
	[F4B]	01.95- 10.98	112680	14	70		08.93- 01.95	110867	12	1.7
		02.94- 09.01	111289	14	70		02.94- 09.01	112290	12	2.2
		07.90- 12.94	111362	14	55		01.95- 12.99	110336	12	0.75
	[F6B]	08.90- 01.95	110891	14	70 A47		01.95- 12.96	112235	12	1.4
		01.86- 07.90	110891	14	70 A47		01.86- 07.90	111131	12	0.8
		01.86- 07.90	111289	14	70		01.86- 07.90	111750	12	1.4
	[F6D]	01.86- 07.90	111362	14	55		01.87- 07.90	112235	12	1.4
		01.86- 07.90	110891	14	70 A47	A13	01.86- 07.90	111131	12	0.8
		01.86- 07.90	111289	14	70		01.86- 07.90	111750	12	1.4
	[F6F]	01.86- 07.90	111362	14	55		01.87- 07.90	112235	12	1.4
		07.90- 09.92	110891	14	70 A47		07.90- 09.92	110867	12	1.7
		07.90- 12.94	111362	14	55		07.90- 09.92	111131	12	0.8
	[F6G]	07.90- 09.92	110891	14	70 A47		07.90- 09.92	110867	12	1.7
		07.90- 12.94	111362	14	55		07.90- 09.92	111131	12	0.8
		01.86- 07.90	110891	14	70 A47	A13	01.86- 07.90	111131	12	0.8
	[FUA]	01.86- 07.90	111289	14	70		01.86- 07.90	110867	12	1.7
		01.86- 07.90	111362	14	55		01.86- 07.90	111750	12	1.4
		01.86- 07.90	111362	14	55		01.86- 07.90	112290	12	2.2
	[FUC]	01.86- 07.90	110891	14	70 A47	A13	01.86- 07.90	111131	12	0.8
		01.86- 07.90	111289	14	70		01.86- 07.90	111750	12	1.4
		01.86- 07.90	111362	14	55		02.87- 07.90	112235	12	1.4
	[FUH]	01.95- 12.94	112680	14	70		08.90- 12.94	111131	12	0.8
		07.90- 12.94	111362	14	55		08.90- 01.95	110867	12	1.7
		08.90- 01.95	110891	14	70 A47	A13	08.93- 01.95	112290	12	2.2
	[FUAA]	08.93- 01.95	111289	14	70					
		10.85- 10.90	110891	14	70 A47		10.85- 10.90	111131	12	0.8
		10.85- 10.90	111362	14	55					
	[F4B]	10.85- 10.90	111289	14	70		10.85- 10.90	112290	12	2.2
		01.95- 12.94	111289	14	70		01.95- 12.94	111131	12	0.8
		01.95- 12.94	111362	14	55					
	[F6F]	07.90- 12.94	110891	14	70 A47		07.90- 12.94	111131	12	0.8
		07.90- 12.94	111362	14	55					
		07.90- 12.94	110891	14	70 A47		07.90- 12.94	111131	12	0.8
	[F6G]	07.90- 12.94	111362	14	55					
		07.93- 01.95	110891	14	70 A47		07.93- 01.95	110867	12	1.7
		07.93- 01.95	111362	14	55					



Escort 1.4 i Express	[F6B]	01.86-	111289	14 70		01.86-	112235	12 1.4
		01.86-	111362	14 55		02.86-	111131	12 0.8
		02.86-	110891	14 70	A47			
	[F6D]	01.86-	111289	14 70		01.86-	112235	12 1.4
		01.86-	111362	14 55		02.86-	111131	12 0.8
		02.86-	110891	14 70	A47			
	[FUC]	01.86-	111289	14 70		01.86-	112235	12 1.4
		01.86-	111362	14 55		02.86-	111131	12 0.8
		02.86-	110891	14 70	A47			
Escort 1.6 Diesel	[LTA]	02.84- 12.85	111738	14 65				
		04.84- 12.85	111364	14 55				
		04.84- 01.89	111368	14 70				
	[LTC]	01.86- 01.89	111176	14 75	A47	01.86- 01.89	110336	12 0.75
		01.86- 01.89	111364	14 55				
		01.86- 01.89	111368	14 70				
Escort 1.6 Diesel Express	[LTA]	04.84- 01.89	111364	14 55				
		04.84- 01.89	111368	14 70				
Escort 1.6	[LGA]	01.82- 05.83	110759	14 35		A13 01.82- 05.83	111131	12 0.8
		01.82- 05.83	111289	14 70			112290	12 2.2
	[LJF]	07.90- 09.92	110891	14 70	A47	07.90- 09.92	110867	12 1.7
		07.90- 09.92	111362	14 55		A13 07.90- 12.92	111131	12 0.8
	[LP1]	09.80- 05.83	110759	14 35		09.80- 05.83	111131	12 0.8
		09.80- 12.85	110891	14 70		09.80- 12.85	110867	12 1.7
		09.80- 12.85	111362	14 55		01.82- 12.85	110336	12 0.75
		01.82- 12.85	111289	14 70		01.82- 12.85	112290	12 2.2
	[LP2]	01.86- 12.87	110891	14 70	A47	01.86- 12.87	111131	12 0.8
		01.86- 07.90	111289	14 70		01.86- 07.90	112290	12 2.2
		01.86- 07.90	111362	14 55				
	[LPA]	09.80- 05.83	110759	14 35		09.80- 05.83	111131	12 0.8
		09.80- 12.85	110770	14 55		09.80- 12.85	110336	12 0.75
		09.80- 12.85	110891	14 70		09.80- 12.85	110867	12 1.7
		09.80- 05.83	111289	14 70		09.80- 05.83	112290	12 2.2
		09.80- 12.85	111362	14 55		09.83- 12.85	110227	12
	[LUA]	09.80- 05.83	110759	14 35		09.80- 05.83	111131	12 0.8
		01.82- 02.85	111289	14 70		01.82- 02.85	110336	12 0.75
	[LUG]	01.86- 07.90	111289	14 70		01.86- 07.90	112290	12 2.2
		01.86- 07.90	111362	14 55		04.89- 07.90	111131	12 0.8
		04.89- 07.90	110891	14 70	A47			
	[LUJ]	07.90- 08.92	110891	14 70	A47	07.90- 08.92	111131	12 0.8
		07.90- 12.94	111362	14 55				
	[LUK]	07.90- 08.92	110891	14 70	A47	07.90- 08.92	111131	12 0.8
		07.90- 12.94	111362	14 55				
Escort 1.6 RS	[LC]	12.74- 08.80	110759	14 35		12.74- 08.80	111131	12 0.8
Escort 1.6 XR3i	[LR1]	10.82- 12.85	110891	14 70		10.82- 12.85	110867	12 1.7
		10.82- 12.85	111289	14 70		10.82- 12.85	110227	12
		10.82- 12.85	111362	14 55				
	[LR2]	01.86- 07.90	110891	14 70	A47	01.86- 07.90	110867	12 1.7
		01.86- 07.90	111289	14 70		01.86- 08.89	111131	12 0.8
		01.86- 07.90	111362	14 55		01.86- 07.90	112290	12 2.2
						01.86- 08.89	111750	12 1.4
	[LRA]	10.82- 12.85	110891	14 70		10.82- 12.85	110867	12 1.7
		10.82- 12.85	111289	14 70		10.82- 12.85	110336	12 0.75
		10.82- 12.85	111362	14 55				
	[LRB]	01.86- 07.90	110891	14 70	A47	01.86- 07.90	110867	12 1.7
		01.86- 07.90	111289	14 70		A13 01.86- 08.89	111131	12 0.8
		01.86- 07.90	111362	14 55		01.86- 07.90	112290	12 2.2
						01.86- 08.89	111750	12 1.4
Escort 1.6 16V	[L1E]	01.95- 10.98	110891	14 70		01.95- 10.98	110867	12 1.7
		PS 02.95-	112680	14 70				
Escort 1.6 16V 4x4	[L1E]	01.95- 10.98	110891	14 70		01.95- 10.98	110867	12 1.7
		PS 02.95-	112680	14 70				
Escort 1.6 16V XR3i	[L1E]	12.92- 01.95	110891	14 70	A47	12.92- 01.95	110867	12 1.7
		02.93- 01.95	111362	14 55				
		PS 02.95-	112680	14 70				
	[L1H]	PS 02.95-	112680	14 70				
Escort 1.6 i 16V	[L1E]	09.92- 01.95	110891	14 70	A47	A13 09.92- 01.95	111131	12 0.8
		09.92- 01.95	111362	14 55			110867	12 1.7
	[L1H]	01.94- 01.95	110891	14 70	A47	01.94- 01.95	110867	12 1.7
		01.94- 01.95	111362	14 55		02.94- 01.95	111131	12 0.8
		PS 01.95- 08.95	112680	14 70				
Escort 1.6 i	[L1E]	09.92- 01.95	112680	14 70				
	[L1K]	08.93- 01.95	110891	14 70	A47	08.93- 01.95	111131	12 0.8
		08.93- 12.94	111362	14 55				
		07.94- 12.94	112680	14 70				
	[L4B]	07.85- 12.85	111289	14 70		07.85- 12.85	112235	12 1.4
		01.86- 05.90	110891	14 70	A47	01.86- 05.90	111131	12 0.8
						01.86- 05.90	111750	12 1.4
		01.86- 05.90	111362	14 55				
	[LJB]	08.89- 07.90	110891	14 70	A47	08.89- 07.90	111131	12 0.8
		08.89- 07.90	111289	14 70		08.89- 07.90	111750	12 1.4
						08.89- 07.90	112235	12 1.4
		08.89- 07.90	111362	14 55				
	[LR1]	09.83- 12.85	110891	14 70		09.83- 12.85	110867	12 1.7
		09.83- 12.85	111289	14 70		09.83- 12.85	112290	12 2.2
	[LRA]	09.83- 12.85	110891	14 70		09.83- 12.85	110867	12 1.7
		09.83- 12.85	111289	14 70		09.83- 12.85	112290	12 2.2
Escort 1.6 i 1600 RS	[LUAE]	05.82- 05.83	111289	14 70		05.82- 05.83	112290	12 2.2
Escort 1.6 Turbo RS	[LNA]	11.84- 12.85	111289	14 70		11.84- 12.85	110227	12
		11.84- 12.85	111362	14 55				
	[LNB]	01.86- 07.90	110891	14 70	A47	01.86- 07.90	111131	12 0.8
		01.86- 07.90	111289	14 70		A13 01.86- 07.90	112290	12 2.2
		01.86- 07.90	111362	14 55				
Escort 1.8 Diesel	[RFD]	02.93- 01.95	111356	14 55		02.93- 01.95	111750	12 1.4
	[RFK]	02.93- 01.95	111356	14 55		02.93- 01.95	111750	12 1.4
	[RTA]	01.89- 07.90	111356	14 55		01.89- 07.90	111750	12 1.4
		01.89- 07.90	111364	14 55		01.89- 07.90	113701	12 1.1 A49
		01.89- 07.90	111368	14 70				
	[RTB]	01.89- 07.90	111356	14 55		01.89- 07.90	111750	12 1.4
		01.89- 07.90	111364	14 55				
		01.89- 07.90	111368	14 70				

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	[RTE]	07.90- 12.94	111356	14	55	07.90- 12.94	111750	12	1.4	
		07.90- 12.94	111364	14	55	07.90- 12.94	113701	12	1.1	A49
		07.90- 12.94	111368	14	70					
		PS 01.95- 02.99	112121	14	70					
		AC 01.95- 02.99	112325	14	70					
	[RTF]	07.90- 12.94	111356	14	55	07.90- 12.94	111750	12	1.4	
		07.90- 12.94	111364	14	55	08.93- 01.95	113701	12	1.1	A49
		07.90- 12.94	111368	14	70					
		PS 01.95- 02.99	112121	14	70					
		AC 01.95- 02.99	112325	14	70					
	[RTH]	07.90- 12.94	111356	14	55	07.90- 12.94	111750	12	1.4	
		07.90- 12.94	111364	14	55					
		07.90- 12.94	111368	14	70					
		PS 01.95- 02.99	112121	14	70					
		AC 01.95- 02.99	112325	14	70					
Escort 1.8 Diesel Express	[RTF]	01.95-	111356	14	55	01.95-	111750	12	1.4	
		01.95-	112325	14	70					
	[RTH]	07.90- 12.94	111356	14	55	07.90- 12.94	111750	12	1.4	
Escort 1.8 TD	[RFD]	07.90- 12.94	111364	14	55					
		07.90- 12.94	111368	14	70					
		01.95-	112325	14	70					
	[RFK]	08.93- 01.95	111356	14	55	08.93- 01.95	111750	12	1.4	
		06.94- 01.95	112325	14	70					
		PS 01.97- 09.01	112121	14	70					
	[RFS]	08.93- 01.95	111356	14	55	01.95- 09.01	113701	12	1.1	A49
		06.94- 01.95	112325	14	70	08.93- 01.95	111750	12	1.4	
		PS 01.95- 09.01	112121	14	70					
	[RVA]	02.93- 01.95	111356	14	55	02.93- 01.95	113701	12	1.1	A49
		PS 02.93- 01.95	112325	14	70					
		01.95- 08.99	111356	14	55	01.95- 08.99	111750	12	1.4	
	[RVA]	01.95- 09.99	112325	14	70					
		01.97- 09.01	112121	14	70					
		12.95- 10.98	112325	14	70					
Escort 1.8 TD Express	[RVA]	PS 01.97- 06.01	112121	14	70					
Escort 1.8 16V	[RDA]	PS 01.95- 08.95	112680	14	70					
	[RKC]	PS 01.95-	112680	14	70					
Escort 1.8 16V XR3i	[RDA]	PS 10.95-	112680	14	70					
	[RKC]	PS 01.95-	112680	14	70					
	[ROB]	PS 10.95-	112680	14	70					
Escort 2.0 RS	[NE]	03.73- 02.77	111086	14	65	03.73- 02.77	110336	12	0.75	
Escort 2.0 RS 2000	[N7A]	02.95- 02.98	110891	14	70	02.95- 02.98	111131	12	0.8	
Escort 2.0 RS 2000 4x4	[N7A]	08.93- 01.95	110891	14	70	08.93- 01.95	110867	12	1.7	
						02.95-	111131	12	0.8	
Escort 2.0 16V RS 2000	[N7A]	05.91- 12.92	110891	14	70	05.91- 12.92	111131	12	0.8	
Explorer 4.0 V6 4x4		05.98-	112946	14	130	05.98-	111844	12	1.4	
Fiesta 0.9	[TKW]	05.76- 08.83	111289	14	70	05.76- 08.83	112290	12	2.2	
Fiesta 1.0	[P4JA]	10.12-	115456	14	150					
		10.12-	115933	14	150					
		10.12-	115456	14	150					
		10.12-	115933	14	150					
	[TKA]	05.76- 08.83	111289	14	70	05.76- 08.83	112290	12	2.2	
	[TKB]	08.83- 11.89	111362	14	55	08.83- 11.89	111906	12	1.1	
		09.83- 02.89	111289	14	70	09.83- 02.89	112290	12	2.2	
	[TLA]	05.76- 08.83	111289	14	70	05.76- 08.83	112290	12	2.2	
	[TLB]	03.89- 12.95	110891	14	70	03.89- 12.95	110867	12	1.7	
		03.89- 12.95	111362	14	55	03.89- 12.95	111906	12	1.1	
	[XMJA]	01.13-	115456	14	150					
		01.13-	115933	14	150					
		01.13-	116221	14	120					
	[XMJB]	01.13-	115456	14	150					
		01.13-	115933	14	150					
		01.13-	116221	14	120					
	[YYJA]	05.14-	115933	14	150					
	[YYJB]	05.14-	115933	14	150					
Fiesta 1.0 EcoBoost	[M1JE]	09.12-	115456	14	150					
		09.12-	115933	14	150					
		09.12-	116221	14	120					
	[SFJA]	01.13-	115456	14	150					
		01.13-	115933	14	150					
		01.13-	116221	14	120					
	[SFJB]	01.13-	115456	14	150					
		01.13-	115933	14	150					
		01.13-	116221	14	120					
	[SFJC]	01.13-	115456	14	150					
		01.13-	115933	14	150					
		01.13-	116221	14	120					
	[XMJB]	01.13-	115456	14	150					
		01.13-	115933	14	150					
		01.13-	116221	14	120					
Fiesta 1.0 i	[C4E]	09.99-	113447	14	70	09.99-	113905	12	1.4	A49
	[ZH1QJRB]	02.97- 09.99	113447	14	70	02.97- 09.99	113905	12	1.4	A49
Fiesta 1.1	[G6A]	03.89- 12.95	110891	14	70	03.89- 12.95	110867	12	1.7	
		03.89- 12.95	111362	14	55	03.89- 12.95	111750	12	1.4	
	[GL1]	10.77- 11.86	111289	14	70	10.77- 11.86	112290	12	2.2	
	[GLA]	05.76- 08.83	111289	14	70	05.76- 08.83	112290	12	2.2	
	[GLC]	09.83- 02.89	111289	14	70	09.83- 02.89	112290	12	2.2	
		09.83- 02.89	111362	14	55	09.83- 02.89	111906	12	1.1	
	[GLW]	02.81- 08.83	110770	14	55	A13 02.81- 08.83	111131	12	0.8	
		02.81- 08.83	111362	14	55	02.81- 08.83	111906	12	1.1	
		08.81- 08.83	111289	14	70					
	[GSF]	09.83- 02.89	111289	14	70	09.83- 02.89	112290	12	2.2	
		09.83- 02.89	111362	14	55	09.83- 02.89	111906	12	1.1	
	[GSH]	01.86-	111362	14	55	w/Heat cap 01.86-	111750	12	1.4	
		05.86- 02.89	111289	14	70	05.86- 02.89	112290	12	2.2	
	[GUD]	03.89- 12.95	110891	14	70	03.89- 12.95	110867	12	1.7	
		03.89- 12.95	111362	14	55	03.89- 12.95	111906	12	1.1	



Fiesta 1.2	[GUE]	03.89- 12.95	110891	14 70	A47	03.89- 12.95	110867	12 1.7
		03.89- 12.95	111362	14 55		03.89- 12.95	111750	12 1.4
	[SNJB]	06.08-	114883	14 120		06.08-	116159	12 1.4
	[STJB]	06.08-	114883	14 120		06.08-	116159	12 1.4
Fiesta 1.2 16V	[STJB, STJA]	08.08- 12.12	114883	14 120				
	[FUJB]	AC 05.02-	114129	14 90		05.02-	116159	12 1.4
	[M7JA]	AC 03.03-	114129	14 90		03.03-	116159	12 1.4
	[M7JB]	AC 03.03-	114129	14 90		03.03-	116159	12 1.4
Fiesta 1.2 i 16V	[DHA]	08.95- 01.02	113952	14 70		08.95- 01.02	113701	12 1.1 A49
	[DHB]	08.95- 01.02	113952	14 70		08.95- 01.02	113701	12 1.1 A49
	[DHC]	08.95- 01.02	113952	14 70		08.95- 01.02	113701	12 1.1 A49
	[DHD]	08.95- 01.02	113952	14 70		08.95- 01.02	113701	12 1.1 A49
	[DHE]	02.00- 01.02	113952	14 70		02.00- 01.02	113701	12 1.1 A49
	[DHF]	02.00- 01.02	113952	14 70		02.00- 01.02	113701	12 1.1 A49
	[DHG]	02.00- 01.02	113952	14 70		02.00- 01.02	113701	12 1.1 A49
	[A9JA]	11.01-	113883	14 90		A25 11.01-	115555	12 1.0
	[A9JB]	11.01-	113883	14 90		11.01-	115555	12 1.0
	[BAJA]	11.01-	113883	14 90		11.01-	115555	12 1.0
Fiesta 1.3	[J3E]	08.77- 08.83	111289	14 70		05.02- 08.08	114162	12 1.1
		10.81- 08.83	111362	14 55		08.77- 08.83	112290	12 2.2
	[J4C]	PS 02.96-	113447	14 70		10.81- 08.83	111750	12 1.4
	[J6B]	05.91- 12.95	110891	14 70		02.96-	113905	12 1.4 A49
		05.91- 12.95	111362	14 55		05.91- 12.95	110867	12 1.7
						05.91- 12.95	111750	12 1.4
						09.91- 02.96	111131	12 0.8
	[JBC]	03.89- 12.92	110891	14 70	A47	03.89- 12.92	110867	12 1.7
		06.91- 12.95	111362	14 55		06.91- 12.95	111906	12 1.1
		RHD 02.84- 12.88	111364	14 55		02.84- 12.88	111680	12 1.1
		RHD 02.84- 12.96	111368	14 70		02.84- 12.96	113905	12 1.4 A49
	[JPC]	09.83- 01.87	110891	14 70	A47	09.83- 01.87	110867	12 1.7
		09.83- 01.87	111289	14 70		09.83- 01.87	112290	12 2.2
		09.83- 01.87	111362	14 55		09.83- 01.87	111906	12 1.1
		RHD 02.84- 01.87	111364	14 55		02.84- 01.87	111680	12 1.1
		RHD 02.84- 01.87	111368	14 70		02.84- 01.87	113905	12 1.4 A49
Fiesta 1.3 i	[J4C]	08.95- 01.02	111289	14 70		08.95- 01.02	111131	12 0.8
		08.95- 01.02	111362	14 55		08.95- 01.02	111906	12 1.1
		PS 01.96-	113447	14 70		01.96-	113905	12 1.4 A49
	[J4J]	08.95- 01.02	111289	14 70		08.95- 01.02	111131	12 0.8
		08.95- 01.02	111362	14 55		08.95- 01.02	111906	12 1.1
		PS 10.98-	113447	14 70		10.98-	113905	12 1.4 A49
	[J4L]	08.95- 01.02	111289	14 70		08.95- 01.02	111131	12 0.8
		08.95-	111362	14 55		08.95-	111906	12 1.1
		PS 03.00-	113447	14 70		03.00-	113905	12 1.4 A49
	[J4Q]	08.95- 01.02	111289	14 70		08.95- 01.02	111131	12 0.8
		08.95-	111362	14 55		08.95-	111906	12 1.1
		AC 08.95- 02.00	113447	14 70		08.95- 02.00	113905	12 1.4 A49
	[J4R]	08.95- 01.02	111289	14 70		08.95- 01.02	111131	12 0.8
		08.95-	111362	14 55		08.95-	111906	12 1.1
		AC 08.95- 02.00	113447	14 70		08.95- 02.00	113905	12 1.4 A49
	[J4T]	08.95- 01.02	111289	14 70		08.95- 01.02	111131	12 0.8
		08.95-	111362	14 55		08.95-	111906	12 1.1
		AC 08.95- 02.00	113447	14 70		08.95- 02.00	113905	12 1.4 A49
	[JBC]	08.95- 01.02	111289	14 70		08.95- 01.02	112290	12 2.2
		08.95-	111362	14 55		08.95-	111906	12 1.1
		AC 08.95- 02.00	113447	14 70		08.95- 02.00	115555	12 1.0
	[JJA]	08.95- 01.02	111289	14 70		A13 08.95- 01.02	111131	12 0.8
		08.95- 01.02	111362	14 55		08.95- 01.02	111906	12 1.1
		PS 01.96-	113447	14 70		01.96-	113905	12 1.4 A49
	[JJC]	08.95- 01.02	111289	14 70		A13 08.95- 01.02	111131	12 0.8
		08.95- 01.02	111362	14 55		08.95- 01.02	111906	12 1.1
		PS 10.98-	113447	14 70		10.98-	113905	12 1.4 A49
	[JJE]	08.95- 01.02	111289	14 70		08.95- 01.02	111131	12 0.8
		08.95-	111362	14 55		08.95-	111906	12 1.1
		PS 03.00-	113447	14 70		03.00-	113905	12 1.4 A49
	[JJJ]	08.95- 01.02	111289	14 70		08.95- 01.02	111131	12 0.8
		08.95-	111362	14 55		08.95-	111906	12 1.1
		PS 03.00-	113447	14 70		03.00-	113905	12 1.4 A49
	[JJK]	08.95- 01.02	111289	14 70		08.95- 01.02	111131	12 0.8
		08.95-	111362	14 55		08.95-	111906	12 1.1
		PS 03.00-	113447	14 70		03.00-	113905	12 1.4 A49
	[JJM]	08.95- 01.02	111289	14 70		08.95- 01.02	111131	12 0.8
		08.95-	111362	14 55		08.95-	111906	12 1.1
		AC 08.95- 02.00	113447	14 70		08.95- 02.00	113905	12 1.4 A49
Fiesta 1.4 LPG	[RTJA]	01.09-	114883	14 120		01.09-	116159	12 1.4
	[RTJB]	01.09-	114883	14 120		11.01-	114162	12 1.1
Fiesta 1.4 TDCi	[F6JA]	11.01-	113912	14 80		01.09-	116159	12 1.4
		11.01-	114128	14 150		11.01-	116159	12 1.4
		11.01- 06.08	116362	14 80		A25 10.03-	116421	12 2.0
	[F6JB]	01.09-	114724	14 150		11.01-	114162	12 1.1
		01.09-	114866	14 120		11.01-	116159	12 1.4
		01.09-	115459	14 120		A25 10.03-	116421	12 2.0
		11.01-	113912	14 80				
		11.01-	114128	14 150				
		11.01- 06.08	116362	14 80				
	[KVJA]	07.10-	114724	14 150		07.10-	116159	12 1.4
		07.10-	114866	14 120				
Fiesta 1.4	[F6A]	10.86- 02.89	110891	14 70	A47	10.86- 02.89	110867	12 1.7
		10.86- 02.89	111362	14 55		10.86- 02.89	111906	12 1.1
		RHD 10.86- 02.89	111364	14 55		10.86- 02.89	111680	12 1.1
		RHD 10.86- 02.89	111368	14 70		10.86- 02.89	113905	12 1.4 A49
	[F6C]	10.86- 02.89	110891	14 70	A47	10.86- 02.89	110867	12 1.7
		10.86- 02.89	111362	14 55		10.86- 02.89	111906	12 1.1
		RHD 10.86- 02.89	111364	14 55		10.86- 02.89	111680	12 1.1
		RHD 10.86- 02.89	111368	14 70		10.86- 02.89	113905	12 1.4 A49
	[F6E]	03.89- 12.95	111176	14 75	A47	A13 03.89- 12.95	111131	12 0.8
	[FUB]	09.83- 02.89	111362	14 55		09.83- 02.89	111906	12 1.1
		10.85- 11.89	110891	14 70	A47	10.85- 11.89	110867	12 1.7
		RHD 09.83- 02.89	111368	14 70		09.83- 02.89	113905	12 1.4 A49
		RHD 01.86- 12.95	111364	14 55		01.86- 12.95	111680	12 1.1
	[FUBA]	09.83- 01.87	110891	14 70	A47	09.83- 01.87	110867	12 1.7

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[FUD]		02.87- 02.89	110891	14	70	A47	02.87- 02.89	110867	12	1.7	
		02.87- 02.89	111176	14	75	A47	02.87- 02.89	111131	12	0.8	
		02.87- 02.89	111362	14	55		02.87- 02.89	111906	12	1.1	
	RHD	02.87- 02.89	111364	14	55		02.87- 02.89	111680	12	1.1	
	RHD	02.87- 02.89	111368	14	70		02.87- 02.89	113905	12	1.4	A49
	[FUG]	03.89- 12.95	111176	14	75	A47	A13 03.89- 12.95	111131	12	0.8	
		03.89- 12.95	111364	14	55		03.89- 12.95	111680	12	1.1	
	[FUJ]	03.89- 12.95	111176	14	75	A47	A13 03.89- 12.95	111131	12	0.8	
		03.89- 12.95	111364	14	55		03.89- 12.95	113905	12	1.4	
	[FXJA]	05.02- 09.05	114009	14	105		A25 05.02- 09.05	116421	12	2.0	
		05.02- 09.05	114129	14	90		05.02- 09.05	116159	12	1.4	
	[SPJA]	10.08-	114883	14	120		10.08-	116159	12	1.4	
	[SPJC]	10.08-	114883	14	120		10.08-	116049	12	1.4	A49
	[SPJC,SPJA]	10.08- 12.12	114883	14	120						
Fiesta 1.4 i 16V	[FHA]	04.96- 01.02	113952	14	70		04.96- 01.02	113701	12	1.1	A49
	[FHE]	04.96- 01.02	113952	14	70		04.96- 01.02	113701	12	1.1	A49
	[FXJA]	AC 11.01-	114129	14	90		11.01-	116159	12	1.4	
	[FXJB]	AC 11.01-	114129	14	90		11.01-	116159	12	1.4	
		04.96- 10.99	113952	14	70		04.96- 10.99	113701	12	1.1	A49
Fiesta 1.4 i	[FHA]										
Fiesta 1.5 TDCi	[UGJC]	09.12-	115459	14	120						
	[XVJB]	05.15-	115459	14	120						
	[XVJC]	05.15-	115459	14	120						
Fiesta 1.6 Diesel	[LTB]	04.84- 02.89	111356	14	55		04.84- 02.89	111906	12	1.1	
		04.84- 02.89	111364	14	55		04.84- 02.89	111680	12	1.1	
		04.84- 02.89	111368	14	70		04.84- 02.89	113905	12	1.4	A49
Fiesta 1.6 TDCi	[HHJA]	11.04-	113849	14	150	A49	11.04-	115555	12	1.0	
		11.04-	113922	14	120		11.04-	113701	12	1.1	A49
		11.04- 06.08	116294	14	150						
	[HHJB]	11.04-	113849	14	150	A49	04.07- 09.09	113701	12	1.1	A49
		11.04-	113922	14	120		11.04-	115555	12	1.0	
		11.04- 06.08	116294	14	150		11.04-	114162	12	1.1	
	[HHJC]	06.08-	114724	14	150		06.08-	116159	12	1.4	
		06.08-	114866	14	120						
		01.09-	115459	14	120						
	[HHJD]	01.09-	114724	14	150		01.09-	116159	12	1.4	
		01.09-	114866	14	120						
		01.09-	115459	14	120						
	[HHJE]	06.08-	114724	14	150		06.08-	116159	12	1.4	
		06.08-	114866	14	120						
		01.09-	115459	14	120						
	[TZJA]	02.10-	114724	14	150		02.10-	116159	12	1.4	
		02.10-	114866	14	120						
	[TZJB]	02.10-	114724	14	150		02.10-	116159	12	1.4	
		02.10-	114866	14	120						
	[UBJA]	06.08-	114724	14	150		06.08-	116159	12	1.4	
		06.08-	114866	14	120						
Fiesta 1.6	[HXJA]	10.08-	114883	14	120		10.08-	116159	12	1.4	
	[HXJB]	10.08-	114883	14	120						
	[LUH]	01.89- 01.94	111176	14	75	A47	01.89- 01.94	111131	12	0.8	
		01.89- 01.94	111364	14	55		01.89- 01.94	111750	12	1.4	
	RHD	01.89-	111086	14	65						
	[XTJA]	03.15-	114883	14	120						
Fiesta 1.6 XR2	[L3E]	08.81- 08.83	111289	14	70		08.81- 08.83	112290	12	2.2	
		08.81- 02.89	111362	14	55		08.81- 02.89	111750	12	1.4	
	[LUB]	04.84- 02.89	110891	14	70	A47	04.84- 02.89	110867	12	1.7	
		04.84- 02.89	111289	14	70		A13 04.84- 02.89	111131	12	0.8	
		04.84- 02.89	111362	14	55		04.84- 02.89	111906	12	1.1	
		04.84- 02.89	111364	14	55		04.84- 02.89	111750	12	1.4	
	[LUD]	03.84- 02.89	110891	14	70	A47	03.84- 02.89	110867	12	1.7	
		03.84- 02.89	111289	14	70		03.84- 02.89	112290	12	2.2	
Fiesta 1.6 XR2i		03.84- 02.89	111362	14	55		03.84- 02.89	111906	12	1.1	
		03.84- 12.95	111364	14	55		03.84- 12.95	111680	12	1.1	
	[LJC]	03.89- 01.94	111176	14	75	A47	03.89- 01.94	111131	12	0.8	
		03.89- 12.95	111364	14	55		03.89- 12.95	111680	12	1.1	
	[LJD]	03.89- 03.93	111176	14	75	A47	A13 03.89- 03.93	111131	12	0.8	
		03.89- 12.95	111364	14	55		03.89- 12.95	113905	12	1.4	A49
Fiesta 1.6 16V	[FYJA]	AC 11.01-	114129	14	90		11.01-	116159	12	1.4	
	[FYJB]	AC 11.01-	114129	14	90		11.01-	116159	12	1.4	
Fiesta 1.6 16V Sport	[L1T]	02.00- 01.02	113952	14	70		02.00- 01.02	113701	12	1.1	A49
	[L1V]	02.00- 01.02	113952	14	70		02.00- 01.02	113701	12	1.1	A49
Fiesta 1.6 Ti	[IQJA]	09.12-	114883	14	120		09.12-	116159	12	1.4	
	[IQJC,IQJE,IQJA]	03.15-	114883	14	120						
	[U5JA]	12.10-	114883	14	120		12.10-	116159	12	1.4	
Fiesta 1.6 Ti-VCT	[HXJB,HXJA]	10.08- 12.12	114883	14	120						
Fiesta 1.6 Turbo	[LHA]	03.90- 10.92	111176	14	75	A47	03.90- 10.92	111131	12	0.8	
		03.90- 10.92	111364	14	55		03.90- 10.92	111680	12	1.1	
Fiesta 1.8 Diesel	[RTC]	03.89- 12.95	111356	14	55		03.89- 12.95	111906	12	1.1	
	[RTD]	03.89- 12.95	111356	14	55		03.89- 12.95	111906	12	1.1	
		03.89- 12.95	111364	14	55		03.89- 12.95	112290	12	2.2	
							03.89- 12.95	111680	12	1.1	
	[RTG]	03.89- 12.95	111356	14	55		03.89- 12.95	111906	12	1.1	
		03.89- 12.95	111364	14	55		03.89- 12.95	112290	12	2.2	
							03.89- 12.95	111680	12	1.1	
	[RTJ]	01.96-	112121	14	70		01.96-	113905	12	1.4	A49
	[RTK]	01.96-	112121	14	70		01.96-	113905	12	1.4	A49
	[RTN]	04.00- 01.02	113599	14	80		04.00- 01.02	115555	12	1.0	
	[RTP]	04.00- 01.02	113599	14	80		04.00- 01.02	115555	12	1.0	
	[RTQ]	04.00- 01.02	113599	14	80		04.00- 01.02	115555	12	1.0	
	[RFL]	03.93- 12.95	111356	14	55		03.93- 12.95	111906	12	1.1	
	[RTN]	03.00-	113599	14	80		03.00-	115555	12	1.0	
Fiesta Hatchback Van 1.1	[GUD, GUE]	04.89- 12.92	111289	14	70		04.89- 12.92	111131	12	0.8	
Fiesta Van 1.0 EcoBoost	[M1JE]	09.12-	115456	14	150		09.12-	115555	12	1.0	
		09.12-	115933	14	150						
		09.12-	116221	14	120						
	[P4JA]	10.12-	115456	14	150		10.12-	115555	12	1.0	
		10.12-	115933	14	150						
	[P4JB]	10.12-	115456	14	150		10.12-	115555	12	1.0	
		10.12-	115933	14	150						
	[P4JC]	10.12-	115456	14	150		10.12-	116159	12	1.4	
		10.12-	115933	14	150						



	[P4JD]	10.12- 10.12-	115456 115933	14 150 14 150	10.12-	116159	12 1.4		
	[SFJA]	01.13- 01.13- 01.13- 01.13-	115456 115933 116221 116222	14 150 14 150 14 120 12 120	01.13-	113905	12 1.4	A49	
	[SFJD]	01.13- 01.13- 01.13- 01.13-	115456 115933 116221 116222	14 150 14 150 14 120 12 120					
	[XMJA]	01.13- 01.13- 01.13-	115456 115933 116221	14 150 14 150 14 120	01.13-	115555	12 1.0		
	[YYJA]	05.14- 05.14-	115456 115933	14 150 14 150	05.14-	113905	12 1.4	A49	
	[YYJB]	05.14- 05.14-	115456 115933	14 150 14 150					
	Fiesta Van 1.5 TDCi	[XVJB] [XVJC]	05.15- 05.15-	115459 115459	14 120 14 120				
	Figo 1.2	[YSKD] [YSKE]	06.16- 06.16-	114883 114883	14 120 14 120	06.16- 06.16-	111906 111906	12 1.1 12 1.1	
Focus 1.0 EcoBoost	[M1DA]	02.12- 02.12-	115933 116222	14 150 12 120	02.12- 02.12-	116049	12 1.4	A49	
	[M1DH]	10.17- 10.17-	115933 116222	14 150 12 120	10.17-	116049	12 1.4	A49	
	[M2DA]	02.12- 02.12-	115456 116221	14 150 14 120	02.12-	116157	12 2.2		
	Focus 1.4	[ASDA]	11.04- 11.04- 04.05-	114009 115601 111795	14 105 14 120 14 80	11.04- 11.04- 04.05- 04.05-	114162 116062 111906 114119	12 1.1 12 1.2 12 1.1 12 2.2	
[ASDA,ASDB]		09.05- 07.11 09.05- 07.11	114009 115601	14 105 14 120	09.05- 07.11 09.05- 07.11	116779 116062	12 1.4 12 1.2		
[ASDB]		11.04- 11.04- 11.04-	111795 114009 115601	14 80 14 105 14 120	11.04- 11.04- 11.04- 04.05-	112235 115504 116062 114119	12 1.4 12 1.1 12 1.2 12 2.2	A49	
		04.99- 03.05	113952	14 70	04.99- 03.05	113911	12 2.2	A49	
					04.99- 03.05	116779	12 1.4		
					04.99- 03.05	111906	12 1.1		
Focus 1.4 i 16V		[FXDA]	10.98- 11.04 02.99-	113952 111795	14 70 14 80	10.98- 11.04 02.99- 02.99- 11.04	113908 112290 113911	12 1.2 12 2.2 12 2.2	A49
		[FXDB]	10.98- 10.98- 11.04	111795 113952	14 80 14 70	10.98- 10.98- 11.04	112235 113911	12 1.4 12 2.2	A49
	[FXDC]	10.98- 11.04 02.99-	113952 111795	14 70 14 80	10.98- 11.04 02.99- 02.99- 11.04	113911 112290 113908	12 2.2 12 2.2 12 1.2	A49	
	[FXDD]	10.98- 10.98- 11.04	111795 113952	14 80 14 70	10.98- 10.98- 11.04 02.99-	112235 113911 111906	12 1.4 12 2.2 12 1.1	A49	
Focus 1.5 TDCi	[,XWDB]	09.14- 09.14-	114724 115459	14 150 14 120	A25 09.14- 09.14- 09.14-	116316 116157 116266	12 2.0 12 2.2 12 1.2		
	[,XWDC]	09.14- 09.14-	114724 115459	14 150 14 120	A25 09.14- 09.14- 09.14-	116316 116157 116266	12 2.0 12 2.2 12 1.2		
	[,XWDD]	09.14- 09.14-	114724 115459	14 150 14 120	A25 09.14- 09.14- 09.14-	116266 116316 116157	12 1.2 12 2.0 12 2.2		
	[XWDA]	09.14- 09.14-	114724 115459	14 150 14 120	A25 09.14- 09.14- 09.14-	116157 116268 116316	12 2.2 12 1.8 12 2.0		
	[XWDA, XWDD, XWDC, XWDB]	09.14- 09.14-	114724 115459	14 150 14 120	A25 09.14- 09.14- 09.14-	116316 116157 116157	12 2.0 12 2.2 12 2.2		
	[XWDB]	09.14- 09.14-	114724 115459	14 150 14 120	09.14- 09.14- 09.14-	116157 116062 116157	12 2.2 12 1.2 12 2.2		
	[XWDC]	09.14- 09.14-	114724 115459	14 150 14 120	09.14- 09.14- 09.14-	116157 116062 116062	12 2.2 12 1.2 12 1.2		
	[XWDD]	09.14- 09.14-	114724 115459	14 150 14 120	09.14- 09.14- 09.14-	116157 116062 116062	12 2.2 12 1.2 12 1.2		
	[XWDD, XWDC, XWDA, XWDB]	09.14- 09.14-	114724 115459	14 150 14 120	A25 09.14- 09.14- 09.14-	116316 116157 116157	12 2.0 12 2.2 12 2.2		
	[XWDD, XWDC, XWDB, XWDA]	11.14- 11.14-	114724 115459	14 150 14 120	A25 11.14- 11.14- 11.14-	116316 116157 116157	12 2.0 12 2.2 12 2.2		
	[XXDA]	09.14- 09.14-	114724 115459	14 150 14 120	A25 09.14- 09.14- 09.14-	116316 116157 116268	12 2.0 12 2.2 12 1.8		
	[XXDA, XXDC]	09.14- 09.14-	114724 115459	14 150 14 120	A25 09.14- 09.14- 09.14-	116316 116157 116157	12 2.0 12 2.2 12 2.2		
	[XXDC]	09.14- 09.14-	114724 115459	14 150 14 120	A25 09.14- 09.14- 09.14-	116316 116157 116266 116268	12 2.0 12 2.2 12 1.2 12 1.8		
	Focus 1.5 TDCi ECOnetic	[XXDB]	09.14- 09.14-	114724 115459	14 150 14 120	A25 09.14- 09.14- A25 09.14-	116316 116157 116268	12 2.0 12 2.2 12 1.8	
	Focus 1.6 LPG	[SIDA]	10.09- 10.09-	114009 115601	14 105 14 120	10.09- 10.09-	114119 116062	12 2.2 12 1.2	
	Focus 1.6 Flexifuel	[YUDA]	07.13-	115959	14 120				
Focus 1.6 TDCi	[G8DA]	07.04- 07.11 07.04- 07.11 07.04- 07.11 11.04-	113849 113922 116294 115460	14 150 14 120 14 150 14 160	07.04- 07.11 11.04- 12.07-	113908 111906 116062 113906	12 1.2 12 1.1 12 1.2 12 1.2	A49	
	[G8DB]	11.04- 11.04- 11.04-	113849 113922 116294	14 150 14 120 14 150	11.04- 11.04- 11.04-	111906 113908	12 1.1 12 1.2	A49	
	[G8DC]	11.04- 11.04- 11.04- 11.04-	113849 113922 115460 116294	14 150 14 120 14 160 14 150	11.04- 11.04- 11.04- 11.04-	113906 113908 116062	12 1.2 12 1.2 12 1.2	A49	

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[G8DC,MTDA]	11.04- 07.11	113849	14 150		11.04- 07.11	113908	12 1.2 A49
	11.04- 07.11	113922	14 120				
	11.04- 07.11	116294	14 150				
[G8DD]	11.04-	113849	14 150 A49		11.04-	113906	12 1.2
	11.04-	113922	14 120		11.04-	113908	12 1.2 A49
	11.04-	116294	14 150				
[G8DE]	11.04-	113849	14 150 A49		11.04-	113906	12 1.2
	11.04-	113922	14 120		11.04-	113908	12 1.2 A49
	11.04-	116294	14 150				
[G8DF]	11.04-	113849	14 150 A49		11.04-	113906	12 1.2
	11.04-	113922	14 120		11.04-	113908	12 1.2 A49
	11.04-	116294	14 150				
[GPDA]	11.04-	113849	14 150 A49		11.04-	113906	12 1.2
	11.04-	113922	14 120		11.04-	113908	12 1.2 A49
	11.04-	116294	14 150				
[GPDC]	11.04-	113849	14 150 A49		11.04-	113906	12 1.2
	11.04-	113922	14 120		11.04-	113908	12 1.2 A49
	11.04-	116294	14 150				
[HHDA]	11.04-	113849	14 150 A49		11.04-	111906	12 1.1
	11.04-	113922	14 120		11.04-	113908	12 1.2 A49
	11.04-	115460	14 160		11.04-	116062	12 1.2
[HHDB]	11.04-	116294	14 150				
	11.04-	113849	14 150 A49		11.04-	111906	12 1.1
	11.04-	113922	14 120		11.04-	113908	12 1.2 A49
[MTDA]	11.04-	116294	14 150				
	11.04-	113849	14 150 A49		11.04-	113906	12 1.2
	11.04-	113922	14 120		11.04-	113908	12 1.2 A49
[T1DA]	11.04-	116294	14 150				
	04.11-	114724	14 150	A25 04.11-	116316	12 2.0	
	02.12-	115459	14 120	02.12-	116157	12 2.2	
[T1DB]	04.11-	114724	14 150	A25 02.12-	116268	12 1.8	
	02.12-	115459	14 120	A25 04.11-	116316	12 2.0	
	04.11-	114724	14 150	02.12-	116157	12 2.2	
[T3DA]	02.12-	115459	14 120	A25 02.12-	116268	12 1.8	
	04.11-	114724	14 150	A25 04.11-	116316	12 2.0	
	01.11-	114724	14 150	01.11-	116157	12 2.2	
[T3DA,T3DB]	01.11-	115459	14 120	01.11-	116062	12 1.2	
	04.11-	114724	14 150	A25 04.11-	116316	12 2.0	
	04.11-	115459	14 120	04.11-	116157	12 2.2	
Focus 1.6 TDCi C-Max	10.03- 03.07	113849	14 150 A49		10.03- 03.07	111906	12 1.1
	10.03- 03.07	113922	14 120		10.03- 03.07	113908	12 1.2 A49
	10.03- 03.07	115460	14 160		10.03- 03.07	116062	12 1.2
[G8DB]	10.03- 03.07	116294	14 150				
	10.03- 03.07	113849	14 150 A49		10.03- 03.07	114092	12 2.0
	10.03- 03.07	113922	14 120		10.03- 03.07	113908	12 1.2 A49
[HHDA]	10.03- 03.07	116294	14 150				
	02.05- 03.07	113849	14 150 A49		02.05- 03.07	111906	12 1.1
	02.05-	113922	14 120		02.05-	113908	12 1.2 A49
[HHDB]	02.05- 03.07	115460	14 160		02.05- 03.07	116062	12 1.2
	02.05- 03.07	116294	14 150				
	02.05- 03.07	113849	14 150 A49		02.05- 03.07	111906	12 1.1
Focus 1.6	02.05-	113922	14 120		02.05-	113908	12 1.2 A49
	02.05- 03.07	116294	14 150				
	11.04-	114009	14 105	A25 11.04-	115555	12 1.0	
[HWDA]	11.04-	115601	14 120	11.04-	114119	12 2.2	
				11.04-	116062	12 1.2	
				09.05- 07.11	116779	12 1.4	
[HWDB]	11.04-	114009	14 105	11.04-	114119	12 2.2	
	11.04-	115601	14 120	11.04-	114315	12 1.4	
				11.04-	116062	12 1.2	
[SHDA]	11.04-	114009	14 105	10.06-	116779	12 1.4	
	11.04-	115601	14 120	11.04-	114119	12 2.2	
				11.04-	116062	12 1.2	
[SHDB]	11.04-	114009	14 105	11.04-	114119	12 2.2	
	11.04-	115601	14 120	11.04-	116779	12 1.4	
				11.04-	116062	12 1.2	
[SHDC]	11.04-	114009	14 105	11.04-	114119	12 2.2	
	11.04-	115601	14 120	11.04-	116779	12 1.4	
				11.04-	116062	12 1.2	
	04.99- 03.05	113883	14 90	04.99- 03.05	113908	12 1.2 A49	
	04.99- 03.05	113952	14 70	04.99- 03.05	113911	12 2.2 A49	
	04.99- 03.05	115762	14 90				
Focus 1.6 C-Max	04.99- 03.05	111795	14 80	04.99- 03.05	111906	12 1.1	
	10.03- 03.07	111795	14 80	10.03- 03.07	112290	12 2.2	
	10.03- 03.07	114009	14 105	A25 10.03- 03.07	115555	12 1.0	
[HWDB]	10.03- 03.07	115601	14 120	10.03- 03.07	116062	12 1.2	
	10.03- 03.07	114009	14 105	10.03- 03.07	114119	12 2.2	
	10.03- 03.07	115601	14 120	10.03- 03.07	116062	12 1.2	
Focus 1.6 EcoBoost	04.11-	115959	14 120	05.11-	116049	12 1.4	
	04.11-	115959	14 120	04.11-	116049	12 1.4	
	04.11-	115959	14 120	05.11-	115769	12 2.3	
[JTDA]	04.11-	115959	14 120				
	04.11-	115959	14 120				
	04.11-	115959	14 120				
Focus 1.6 LPG	02.12-	114883	14 120	02.12-	116157	12 2.2	
Focus 1.6 TI	01.11-	114883	14 120	01.11-	116157	12 2.2	
Focus 1.6 FlexFuel	01.02- 11.04	113952	14 70	01.02- 11.04	113911	12 2.2 A49	
	01.02- 11.04	114009	14 105	01.02- 11.04	114119	12 2.2	
	01.02- 11.04	115762	14 90	01.02- 11.04	116062	12 1.2	
[FYDH]	01.02- 11.04	113952	14 70	01.02- 11.04	113911	12 2.2 A49	
	01.02- 11.04	114009	14 105	01.02- 11.04	114119	12 2.2	
	01.02- 11.04	115762	14 90	01.02- 11.04	116062	12 1.2	
Focus 1.6 i 16V	10.98-	111795	14 80	10.98-	112290	12 2.2	
	10.98- 11.04	113952	14 70	10.98- 11.04	113908	12 1.2 A49	
	10.98- 11.04	115762	14 90	10.98- 11.04	116062	12 1.2	
[FYDB]	02.99- 11.04	113911	12 2.2 A49				
	10.98-	111795	14 80	10.98-	112235	12 1.4	
	10.98- 11.04	113952	14 70	10.98- 11.04	113911	12 2.2 A49	
	10.98- 11.04	115762	14 90	10.98- 11.04	116062	12 1.2	



	[FYDC]	10.98- 10.98- 11.04 10.98- 11.04	111795 113952 115762	14 80 14 70 14 90	10.98- 10.98- 11.04 10.98- 11.04 02.99- 11.04	112290 113908 116062 113911	12 2.2 12 1.2 12 1.2 12 2.2	A49
	[FYDD]	10.98- 10.98- 11.04 10.98- 11.04	111795 113952 115762	14 80 14 70 14 90	10.98- 10.98- 11.04 10.98- 11.04	112235 113911 116062	12 1.4 12 2.2 12 1.2	A49
	[FYDH]	10.98- 11.04 10.98- 11.04	113952 115762	14 70 14 90	10.98- 11.04 10.98- 11.04	113911 116062	12 2.2 12 1.2	A49
Focus 1.6 Ti	[HXDA]	11.04- 11.04-	114009 115601	14 105 14 120	11.04- 11.04- 11.04-	114119 114162 116062	12 2.2 12 1.1 12 1.2	
	[HXDB]	04.05- 11.04- 11.04-	111795 114009 115601	14 80 14 105 14 120	11.04- 11.04- 11.04- 04.05-	114119 116779 116062 111906	12 2.2 12 1.4 12 1.2 12 1.1	
	[MUDA]	02.12-	114883	14 120	02.12-	116157	12 2.2	
	[XTDA]	08.11-	114883	14 120	08.11-	116157	12 2.2	
Focus 1.6 Ti C-Max	[HXDA]	08.04- 08.04- 03.07	114009 115601	14 105 14 120	08.04- 08.04- 03.07	114119 116062	12 2.2 12 1.2	
	[SIDA]	08.04- 08.04- 03.07	114009 115601	14 105 14 120	08.04- 08.04- 03.07	114119 116062	12 2.2 12 1.2	
Focus 1.6 Ti-VCT	[HXDB, SIDA, HXDA]	09.05- 07.11 09.05- 07.11	114009 115601	14 105 14 120	09.05- 07.11 09.05- 07.11	116779 116062	12 1.4 12 1.2	
Focus 1.6	[ZH16DEAR]	10.04- 12.10	113883	14 90	10.04- 12.10	113908	12 1.2	A49
Focus 1.8 TDCi	[F9DA]	03.01-	112142	14 90	03.01-	111906	12 1.1	
	[F9DB]	03.01-	112142	14 90	03.01-	111906	12 1.1	
	[FFDA]	09.02-	112142	14 90	09.02-	111906	12 1.1	
	[KKDA]	11.04- 01.08 AC 11.04- 01.08 AC, A19 11.04-	114804 114250 114248	14 105 14 120 14 150	11.04- A25 11.04- 01.08	116779 116316	12 1.4 12 2.0	
	[KKDB]	11.04- 01.08 11.04- 01.08 11.04- 01.08	114248 114250 114804	14 150 14 120 14 105	A25 11.04- 01.08	116316	12 2.0	
		08.02- 03.05	112142	14 90	08.02- 03.05	111906	12 1.1	
Focus 1.8 TDCi C-Max	[KKDA]	01.05- 03.07 AC 01.05- 03.07 AC, A19 01.05-	114804 114250 114248	14 105 14 120 14 150	01.05- A25 01.05- 03.07	116779 116316	12 1.4 12 2.0	
Focus 1.8 TDDi	[BHDA]	08.99- 08.99- 11.04	112142 113710	14 90 14 125	08.99-	111906	12 1.1	
	[BHDB]	08.99- 08.99- 11.04	112142 113710	14 90 14 125	08.99-	111906	12 1.1	
	[C9DA]	04.02- 10.98- 11.04	112142 113710	14 90 14 125	04.02- 10.98- 12.00	111906 111906	12 1.1 12 1.1	
	[C9DB]	10.98- 12.00 10.98- 11.04	112142 113710	14 90 14 125				
	[C9DC]	10.98- 10.98- 11.04	112142 113710	14 90 14 125	10.98-	111906	12 1.1	
Focus 1.8	[Q7DA, QQDA]	06.09- 07.11	114065	14 120	06.09- 07.11	116779	12 1.4	
Focus 1.8	[Q7DA]	03.06- 03.06-	113978 114065	14 120 14 120	03.06- 03.06-	115555 116779	12 1.0 12 1.4	
	[QQDB]	03.06- 03.06-	113978 114065	14 120 14 120	03.06- 03.06-	115555 116779	12 1.0 12 1.4	
	[QQDC]	09.05- 03.07 09.05- 03.07	113978 114065	14 120 14 120	A25 09.05- 03.07 09.05- 03.07	115555 116779	12 1.0 12 1.4	
		04.99- 03.05	112143	14 80	04.99- 03.05	111906	12 1.1	
Focus 1.8 C-Max	[CSDA]	10.03- 03.07 10.03- 03.07	113978 114065	14 120 14 120	10.03- 03.07 10.03- 03.07	113911 116779	12 2.2 12 1.4	A49
	[CSDB]	10.03- 03.07 10.03- 03.07	113978 114065	14 120 14 120	10.03- 03.07 10.03- 03.07	113911 116779	12 2.2 12 1.4	A49
	[Q7DA]	06.03- 04.04-	113978 114065	14 120 14 120	06.03- 04.04-	113911 116779	12 2.2 12 1.4	A49
	[QQDA]	06.03- 03.07 04.04-	113978 114065	14 120 14 120	06.03- 03.07 04.04-	113911 116779	12 2.2 12 1.4	A49
	[QQDB]	06.03- 04.04-	113978 114065	14 120 14 120	06.03- 04.04-	113911 116779	12 2.2 12 1.4	A49
Focus 1.8 C-Max Flexifuel	[Q7DA]	01.06-	114065	14 120	01.06-	116779	12 1.4	
Focus 1.8 FlexFuel	[Q7DA]	01.06- 01.06-	113978 114065	14 120 14 120 A49	01.06- 01.06-	113911 116779	12 2.2 12 1.4	A49
Focus 1.8 i 16V	[EYDC]	10.98-	112143	14 80	10.98-	111906	12 1.1	
Focus 1.8 16V	[EYDD, EYDI, EYDG]	09.02- 07.04	112143	14 80	09.02- 07.04	111906	12 1.1	
Focus 2.0 CNG	[SYDA]	04.09- 04.09- AT 04.09-	113978 114065 115750	14 120 14 120 14 150	04.09- 04.09- 04.09-	115555 116779 116049	12 1.0 12 1.4 12 1.4	A49
Focus 2.0 LPG	[SYDA]	06.08- 06.08- 06.08-	113978 114065 115750	14 120 14 120 14 150	06.08- 06.08- 06.08-	115555 116779 116049	12 1.0 12 1.4 12 1.4	A49
Focus 2.0 ST EcoBlue	[BCDA]	04.19-	116606	14 240				
Focus 2.0 TDCi	[G6DA]	11.04- 11.04- 11.04- 11.04-	113849 113922 115460 116294	14 150 A49 14 120 14 160 14 150	11.04- 11.04- 11.04-	111906 113908 116062	12 1.1 12 1.2 12 1.2	A49
	[G6DB]	11.04- 11.04- 11.04-	113849 113922 116294	14 150 A49 14 120 14 150	10.06- 11.04- 11.04-	114092 111906 113908	12 2.0 12 1.1 12 1.2	A49
	[G6DC]	10.03- 03.07	113922	14 120	10.03- 03.07	113908	12 1.2	
	[G6DD]	11.04- 11.04- 11.04-	113849 113922 116294	14 150 A49 14 120 14 150	10.06- 11.04- 11.04-	113906 114092 113908	12 1.2 12 2.0 12 1.2	A49
	[G6DE]	10.03- 03.07 11.04- 11.04-	113922 113849 116294	14 120 14 150 A49 14 150	10.03- 03.07 11.04-	113908 113906	12 1.2 12 1.2	
	[G6DF]	10.03- 03.07 11.04- 11.04-	113922 113849 116294	14 120 14 150 A49 14 150	10.03- 03.07 11.04-	113908 113906	12 1.2 12 1.2	
	[IXDA]	02.08- 02.08- 02.08-	113849 113922 116294	14 150 A49 14 120 14 150	02.08- 02.08-	113906 113908	12 1.2 12 1.2	A49
	[T7DB]	11.14-	116594	14 150				
	[T8DA]	11.14-	116594	14 150				



FORD Continued

Focus 2.0 TDCi C-Max	[TXDB]	01.11- 06.14	115459	14	120	01.11- 06.14	116062	12	1.2
		01.11- 06.14	116393	14	150				
	[UKDB]	04.11-	115459	14	120	04.11-	116157	12	2.2
	[G6DA]	10.03- 03.07	113849	14	150 A49	10.03- 03.07	111906	12	1.1
		10.03- 03.07	113922	14	120	10.03- 03.07	113908	12	1.2 A49
		10.03- 03.07	115460	14	160	10.03- 03.07	116062	12	1.2
		10.03- 03.07	116294	14	150				
	[G6DB]	10.03- 03.07	113849	14	150 A49	10.03- 03.07	114092	12	2.0
		10.03- 03.07	113922	14	120	10.03- 03.07	113908	12	1.2 A49
		10.03- 03.07	116294	14	150				
[G6DD]	10.03- 03.07	113849	14	150 A49	10.03- 03.07	114092	12	2.0	
	10.03- 03.07	113922	14	120	10.03- 03.07	113908	12	1.2 A49	
	10.03- 03.07	116294	14	150					
	[G6DG]	10.03- 03.07	113849	14	150 A49	10.03- 03.07	113906	12	1.2
10.03- 03.07		113922	14	120	10.03- 03.07	113908	12	1.2 A49	
10.03- 03.07		116294	14	150					
Focus 2.0	[ALDA]	03.02- 06.03	112143	14	80	03.02- 06.03	111906	12	1.1
		AT 03.02- 06.03	112142	14	90				
	[AODA]	11.04-	113978	14	120	11.04-	113911	12	2.2 A49
		11.04-	115750	14	150	11.04-	116049	12	1.4 A49
		04.05-	114065	14	120 A49	04.05-	116779	12	1.4
	[AODB]	11.04-	113978	14	120	11.04-	113911	12	2.2 A49
Focus 2.0 C-Max	[AODA]	04.04- 03.07	113978	14	120	04.04- 03.07	113911	12	2.2 A49
		04.04- 03.07	115750	14	150	04.04- 03.07	116049	12	1.4 A49
	[AODB]	04.04- 03.07	113978	14	120	04.04- 03.07	113911	12	2.2 A49
		04.04- 03.07	115750	14	150	04.04- 03.07	116062	12	1.2
	[SYDA]	04.04- 03.07	113978	14	120	A25 04.04- 03.07	115555	12	1.0
		04.04- 03.07	115750	14	150	04.04- 03.07	116049	12	1.4 A49
Focus 2.0 RS	[HMDA]	10.02-	112142	14	90	10.02-	111906	12	1.1
Focus 2.0 16V	[EDDB]	AT 10.01-	112142	14	90	10.01-	111906	12	1.1
	[EDDC]	10.98-	112143	14	80	10.98-	111906	12	1.1
		AT 11.98-	112142	14	90				
	[EDDD]	AT 10.01-	112142	14	90	10.01-	111906	12	1.1
	[EDDF]	AT 10.01-	112142	14	90	10.01-	111906	12	1.1
	[JZDA]	01.09-	114157	14	120	01.09-	116779	12	1.4
Focus 2.5 ST	[HYDA]	10.05-	114157	14	120	10.05-	116779	12	1.4
Focus Van 1.0 EcoBoost	[M1DA]	02.12-	115933	14	150	02.12-	116062	12	1.2
		02.12-	116222	12	120				
	[M2DA]	02.12-	115456	14	150	A25 02.12-	116316	12	2.0
Focus Van 1.5 TDCi	[XWDA]	09.14-	114724	14	150	09.14-	113908	12	1.2 A49
		09.14-	115459	14	120	A25 09.14-	116316	12	2.0
	[XWDB]	09.14-	114724	14	150	09.14-	113908	12	1.2 A49
		09.14-	115459	14	120	A25 09.14-	116316	12	2.0
	[XWDC]	09.14-	114724	14	150	09.14-	113908	12	1.2 A49
		09.14-	115459	14	120	A25 09.14-	116316	12	2.0
	[XWDD]	09.14-	114724	14	150	09.14-	115555	12	1.0
		09.14-	115459	14	120	09.14-	116062	12	1.2
	[XXDA]	09.14-	114724	14	150	09.14-	113908	12	1.2 A49
		09.14-	115459	14	120	A25 09.14-	116316	12	2.0
	[XXDC]	09.14-	114724	14	150	09.14-	115555	12	1.0
		09.14-	115459	14	120	09.14-	116062	12	1.2
Focus Van 1.5 TDCi ECONetic	[XXDB]	09.14-	114724	14	150	09.14-	113908	12	1.2 A49
		09.14-	115459	14	120	A25 09.14-	116316	12	2.0
Focus Van 2.0 TDCi	[T7DB]	11.14-	116594	14	150	11.14-	116062	12	1.2
Fusion 1.2	[FUJA]	AC 08.04-	114129	14	90	08.04-	113905	12	1.4 A49
	[FUJB]	AC 08.04-	114129	14	90	08.04-	113906	12	1.2
Fusion 1.4 TDCi	[F6JA]	08.02-	113912	14	80	08.02-	111906	12	1.1
		08.02-	114128	14	150	A25 08.02-	116268	12	1.8
		08.02-	116362	14	80				
	[F6JB]	08.02-	113912	14	80	08.02-	111906	12	1.1
		08.02-	114128	14	150	08.02-	113905	12	1.4 A49
		08.02-	116362	14	80	A25 08.02-	116268	12	1.8
Fusion 1.4	[FXJA]	08.02-	114129	14	90	08.02-	116159	12	1.4
	[FXJB]	AC 08.02-	114129	14	90	08.02-	113905	12	1.4 A49
	[FXJC]	AC 08.02-	114129	14	90	08.02-	113905	12	1.4 A49
	[UTJA]	01.10-	114129	14	90	01.10-	116159	12	1.4
Fusion 1.6 TDCi	[HHJA]	11.04-	113849	14	150 A49	11.04-	111906	12	1.1
		11.04-	113922	14	120	11.04-	116159	12	1.4
		11.04-	116294	14	150				
	[HHJB]	11.04-	113849	14	150 A49	11.04-	111906	12	1.1
		11.04-	113922	14	120	11.04-	116159	12	1.4
		11.04-	116294	14	150				
Fusion 1.6	[FYJA]	AC 08.02-	114129	14	90	08.02-	113906	12	1.2
	[FYJB]	AC 08.02-	114129	14	90	08.02-	113906	12	1.2
Focus 2.0 TDCi Bi-Turbo	[T9CA]	05.15-	116382	14	220				
Focus 2.0 TDCi		05.15-	116595	14	180				
	[T8CC]	05.15-	116382	14	220				
		05.15-	116595	14	180				
Focus 2.0 TDCi 4x4	[T8CC]	05.15-	116382	14	220	A25 05.15-	116268	12	1.8
		05.15-	116595	14	180				
Galaxy 1.6 TDCi	[T1WA]	02.11-	114724	14	150	02.11-	113906	12	1.2
	[T1WA,T1WB]	03.13- 06.15	114724	14	150	03.13- 06.15	113906	12	1.2
	[T1WB]	02.11-	114724	14	150	02.11-	113906	12	1.2
Galaxy 1.8 TDCi	[FFWA]	05.06- 11.10	114898	14	150	05.06- 11.10	113911	12	2.2 A49
	[QYWA]	05.06- 11.10	114898	14	150	05.06- 11.10	113911	12	2.2 A49
Galaxy 1.9 TDi	[1Z]	02.95- 09.96	111353	14	70	02.95- 09.96	112429	12	2.0
		02.95- 09.96	111477	14	90				
		02.95- 09.96	111988	14	120				
	[AFN]	08.97- 04.00	112002	14	120	AT 08.97- 04.00	112286	12	1.7
		08.97- 04.00	112079	14	90	AT 08.97- 04.00	111909	12	1.1
		08.97- 04.00	114789	14	90 A49	08.97- 04.00	111749	12	1.1
		06.99- 03.00	115483	14	120 A49	06.99- 03.00	113911	12	2.2 A49
	[AHU]	09.96- 03.00	111353	14	70	09.96- 03.00	112429	12	2.0
		09.96- 03.00	111477	14	90				
		09.96- 03.00	111988	14	120				



[ANU]	03.95-	112002	14 120 A47		03.95-	112286	12 1.7
	03.95-	112079	14 90 A47		AT 03.95-	111909	12 1.1
	03.95-	114789	14 90 A49		AT 03.95-	111748	12 1.1
	09.99- 08.06	115483	14 120 A49		09.99- 08.06	113908	12 1.2 A49
[ANU, AHU]	09.96- 03.06	112002	14 120	Manual gearbox	09.96- 03.06	112005	12 1.1
	09.96- 03.06	112079	14 90		09.96- 03.06	111900	12 1.8
[ASZ]	02.03-	112002	14 120 A47		02.03-	112286	12 1.7
	02.03-	112079	14 90 A47		02.03-	112005	12 1.1
	02.03-	114789	14 90 A49		AT 02.03-	111748	12 1.1
	02.03-	115483	14 120 A49		02.03-	113906	12 1.2
[AUU]	04.00-	112002	14 120 A47		AT 04.00-	112286	12 1.7
	04.00-	112079	14 90 A47		04.00-	112005	12 1.1
	04.00-	114789	14 90 A49	AT and A13	04.00-	111748	12 1.1
	04.00-	115483	14 120 A49		04.00-	113906	12 1.2
	05.00- 03.06	110075	14 60		05.00- 03.06	112429	12 2.0
[AVG]	08.97- 04.00	112002	14 120 A47		AT 08.97- 04.00	112286	12 1.7
	08.97- 04.00	112079	14 90 A47		AT 08.97- 04.00	111909	12 1.1
	08.97- 04.00	114789	14 90 A49		08.97- 04.00	114092	12 2.0
	11.97- 06.99	111477	14 90		11.97- 06.99	112429	12 2.0
[BTB]	11.97- 09.98	111988	14 120				
	09.98- 06.99	111828	14 120				
	06.99- 03.00	115483	14 120 A49		06.99- 03.00	113911	12 2.2 A49
	05.05-	112079	14 90 A47		AT 05.05-	111909	12 1.1
	05.05-	114789	14 90 A49		05.05-	111749	12 1.1
Galaxy 2.0 FlexFuel	05.06-	115417	14 150		05.06-	113911	12 2.2 A49
	05.06-	115847	14 150		05.06-	115503	12 1.8 A49
[TBWB]	05.06-	115417	14 150		05.06-	115405	12 2.2
	05.06-	115847	14 150		05.06-	115503	12 1.8 A49
Galaxy 2.0 TDCi Bi-Turbo	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		AT 01.15-	115523	12 2.3
[T9CC]	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		01.15-	116062	12 1.2
Galaxy 2.0 TDCi	05.06-	116441	14 150		A25 05.06-	116268	12 1.8
	05.06-	116441	14 150		A25 05.06-	116268	12 1.8
	11.07-	116441	14 150		A25 11.07-	116268	12 1.8
	05.06-	116441	14 150		A25 05.06-	116268	12 1.8
	05.06-	116441	14 150		A25 05.06-	116268	12 1.8
	05.06- 06.15	116296	14 150		AT 05.06- 06.15	115504	12 1.1 A49
	05.06-	116441	14 150		A25 05.06-	116268	12 1.8
	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		01.15-	116049	12 1.4 A49
	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		01.15-	116049	12 1.4
	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		01.15-	116049	12 1.4 A49
	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		A25 01.15-	116268	12 1.8
	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		AT 01.15-	115523	12 2.3
	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		A25 01.15-	116268	12 1.8
	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		AT 01.15-	115523	12 2.3
	03.10-	114805	14 150 A49		03.10-	113906	12 1.2
	03.10- 06.15	116296	14 150		A25 03.10- 06.15	116316	12 2.0
			14 150		03.10-	115503	12 1.8
	11.07-	116441	14 150		A25 11.07-	116268	12 1.8
	01.07- 06.15	116296	14 150		01.07- 06.15	115504	12 1.1 A49
	01.07- 06.15	116441	14 150		A25 01.07- 06.15	116268	12 1.8
Galaxy 2.0 TDCi 4x4	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		01.15-	116062	12 1.2
	01.15-	116382	14 220		01.15-	116157	12 2.2
	01.15-	116595	14 180		01.15-	116062	12 1.2
	05.06-	116441	14 150		A25 05.06-	116268	12 1.8
	05.06-	116441	14 150		A25 05.06-	116268	12 1.8
	05.15-	116382	14 220		A25 05.15-	116316	12 2.0
	05.15-	116595	14 180		A25 05.15-	116268	12 1.8
	05.15-	116382	14 220		05.15-	116157	12 2.2
	05.15-	116595	14 180				
	05.15-	116382	14 220		A25 05.15-	116268	12 1.8
	05.15-	116595	14 180		A25 05.15-	116268	12 1.8
Galaxy 2.0	05.06-	115417	14 150		05.06-	113911	12 2.2 A49
	05.06-	115847	14 150		05.06-	115503	12 1.8 A49
[AOWB]	05.06-	115417	14 150		05.06-	113911	12 2.2 A49
	05.06-	115847	14 150		05.06-	115503	12 1.8 A49
Galaxy 2.0 i	04.00-	112002	14 120 A47		AT 04.00-	112286	12 1.7
	04.00-	112079	14 90 A47		04.00-	111900	12 1.8
	04.00-	114789	14 90 A49		04.00-	114092	12 2.0
	04.00-	115483	14 120 A49		04.00-	113911	12 2.2 A49
[ZVSA]	01.01-	112002	14 120 A47		AT 01.01-	112286	12 1.7
	01.01-	115483	14 120 A49		01.01-	113908	12 1.2 A49
Galaxy 2.0	05.06- 06.15	115417	14 150		05.06- 06.15	115405	12 2.2
	AT 05.06- 06.15	115847	14 150		05.06- 06.15	115503	12 1.8 A49
[NSE, ZVSA]	03.96- 03.06	112002	14 120		03.96- 03.06	112166	12 1.7
	07.10-	115544	14 150		07.10-	115405	12 2.2
Galaxy 2.2 TDCi					03.13- 06.15	115503	12 1.8 A49
	03.08-	115544	14 150		03.08-	115405	12 2.2
[Q4BA]	03.08-	115544	14 150		03.08-	115503	12 1.8 A49
	07.07-	115847	14 150		07.07-	115503	12 1.8 A49
Galaxy 2.3							
Galaxy 2.3 16V	09.01-	112002	14 120	AT and A13	09.01-	112286	12 1.7
	09.01-	115483	14 120 A49		09.01-	113906	12 1.2



FORD Continued

	[Y5B]	01.97-	112002	14 120 A47	AT 01.97-	112286	12 1.7
		01.97-	115483	14 120 A49	01.97-	113906	12 1.2
Galaxy 2.3	[E55A]	05.00- 10.02	112002	14 120	05.00- 10.02	112166	12 1.7
	[E55B]	11.02- 03.06	112002	14 120	11.02- 03.06	112166	12 1.7
Galaxy 2.8 24V	[AYL]	04.00-	112002	14 120 A47	04.00-	112286	12 1.7
		04.00-	113884	14 150	04.00-	111900	12 1.8
		04.00-	115483	14 120 A49	04.00-	113906	12 1.2
Galaxy 2.8 i	[AMY]	04.98- 03.00	113885	14 150	04.98- 03.00	111900	12 1.8
	[AAA]	02.95- 04.98	113885	14 150	02.95- 04.98	111900	12 1.8
Galaxy 2.8 i 4x4	[AMY]	04.98- 03.00	113885	14 150	04.98- 03.00	111900	12 1.8
	[AAA]	07.96- 04.98	113885	14 150	07.96- 04.98	111900	12 1.8
Galaxy 2.8	[AYL]	05.00- 03.06	112002	14 120	05.00- 03.06	112166	12 1.7
		05.00- 03.06	113884	14 150	05.00- 03.06	111900	12 1.8
		05.00- 03.06	115483	14 120	05.00- 03.06	113911	12 2.2 A49
	[AAA]	11.95- 07.00	113885	14 150	AT 11.95- 07.00	111748	12 1.1
Granada 1.6	[LCK]	10.84- 08.85	111086	14 65			
Granada 1.7	[MWB]	03.75- 02.76	110759	14 35	03.75- 02.76	110336	12 0.75
	[MY]	08.77- 06.79	111289	14 70			
	[MYE]	08.77- 07.81	111289	14 70			
	[TV17H]	03.72- 02.75	110759	14 35			
	[TV17LC]	08.77- 08.81	111289	14 70			
Granada 1.9 Diesel		08.77- 08.82	111289	14 70			
Granada 2.0	[NEK]	08.81- 08.85	111086	14 65			
	[NEP]	08.79- 08.85	111738	14 65			
		08.81- 08.85	111086	14 65			
	[NX]	01.76- 08.77	111086	14 65			
		01.76- 08.77	111289	14 70			
	[NY]	01.75-	110237	14 60	RHD 01.75-	110831	12 0.8
		01.75- 08.85	111086	14 65			
	[NYP]	01.76- 07.77	111086	14 65			
		08.77- 06.85	111035	14 65			
		08.77- 06.85	111289	14 70			
		08.77- 06.85	111362	14 55			
		08.77- 06.85	113474	14 65			
Granada 2.1 Diesel	[WTA]	08.77- 08.82	111086	14 65			
Granada 2.3	[YYH]	01.72- 12.74	110759	14 35	RHD 01.72- 12.74	110831	12 0.8
		08.77- 04.85	111289	14 70	01.72- 12.74	110336	12 0.75
		08.77- 06.79	111362	14 55	01.72- 12.74	110842	12 1.4
	[YYP]	06.79- 08.85	111289	14 70			
		06.79- 08.85	111362	14 55			
	[YYU]	06.81- 06.85	111289	14 70			
		06.81- 06.85	111362	14 55			
Granada 2.6	[UY]	01.72- 02.76	111289	14 70			
Granada 2.8	[PYA]	08.77- 08.85	111289	14 70			
		08.77- 08.85	111362	14 55			
	[PYU]	06.81- 08.85	111289	14 70			
		06.81- 08.85	111362	14 55			
Granada 2.8 i	[PRB]	08.77- 08.81	111289	14 70			
		08.77- 08.81	111362	14 55			
		08.77- 08.81	113474	14 65			
	[PRC]	10.82- 08.85	111289	14 70			
		10.82- 08.85	111362	14 55			
		10.82- 08.85	113474	14 65			
	[PRD]	08.77- 08.85	111289	14 70			
		08.77- 08.85	111362	14 55			
		08.77- 08.85	113474	14 65			
Granada 3.0	[HY]	01.72- 02.76	111086	14 65			
Grand C-Max 1.0 EcoBoost	[M1DA]	10.12-	115933	14 150	A25 10.12-	116316	12 2.0
		10.12-	116222	12 120			
	[M2DA]	10.12-	115933	14 150	A25 10.12-	116316	12 2.0
		10.12-	116222	12 120			
	[SFDA]	10.12-	115933	14 150	A25 10.12-	116316	12 2.0
		10.12-	116222	12 120	10.12-	116157	12 2.2
Grand C-Max 1.5 TDCi	[XWDA]	03.15-	114724	14 150	03.15-	113908	12 1.2 A49
		03.15-	115459	14 120	03.15-	113911	12 2.2 A49
					03.15-	116062	12 1.2
	[XWDB]	03.15-	114724	14 150	03.15-	113908	12 1.2 A49
		03.15-	115459	14 120	03.15-	115555	12 1.0
					03.15-	116062	12 1.2
	[XXDA]	03.15-	115459	14 120	03.15-	113911	12 2.2 A49
					03.15-	116062	12 1.2
	[XXDC]	03.15-	115459	14 120	03.15-	115555	12 1.0
					03.15-	116062	12 1.2
Grand C-Max 1.6 TDCi	[T1DA]	12.10-	114724	14 150	12.10-	111906	12 1.1
	[T1DB]	12.10-	114724	14 150	12.10-	111906	12 1.1
		12.10-	115459	14 120	12.10-	113908	12 1.2 A49
					12.10-	113911	12 2.2 A49
					12.10-	116062	12 1.2
	[T3DA]	12.10-	114724	14 150	12.10-	111906	12 1.1
	[T3DB]	12.10-	114724	14 150	12.10-	111906	12 1.1
		12.10-	115459	14 120	12.10-	113908	12 1.2 A49
					12.10-	116062	12 1.2
Grand C-Max 1.6 EcoBoost	[JQDA]				12.10-	116049	12 1.4 A49
	[JQDB]				12.10-	116049	12 1.4 A49
	[JTDA]				12.10-	116049	12 1.4 A49
	[JTDB]				12.10-	116049	12 1.4 A49
Grand C-Max 1.6 Ti-CVT	[IQDA]	12.10-	114883	14 120	12.10-	113908	12 1.2 A49
	[IQDB]	12.10-	114883	14 120	12.10-	113908	12 1.2 A49
	[PNDA]	12.10-	114883	14 120	12.10-	113908	12 1.2 A49
Grand C-Max 1.6 Ti	[PNDA]	12.10- 12.14	114883	14 120	12.10- 12.14	113908	12 1.2 A49
Grand C-Max 1.6 Ti Ti	[XTDA]	12.10-	114883	14 120	12.10-	113908	12 1.2 A49
Grand C-Max 2.0 TDCi	[T7DB]	03.15-	116594	14 150	03.15-	116157	12 2.2
	[T8DE]	03.15-	116594	14 150	03.15-	116062	12 1.2
Grand C-Max Van 1.0 EcoBoost	[M1DA]	10.12-	115933	14 150	10.12-	116157	12 2.2
		10.12-	116222	12 120	10.12-	116062	12 1.2
	[M2DA]	10.12-	115933	14 150	10.12-	116062	12 1.2
		10.12-	116222	12 120			
Grand C-Max Van 1.5 TDCi	[XWDA]	03.15-	114724	14 150	03.15-	113908	12 1.2 A49
		03.15-	115459	14 120	03.15-	116157	12 2.2



	[XWDB]	03.15- 03.15-	114724 115459	14 150 14 120		03.15- 03.15-	113908 116157	12 1.2 12 2.2	A49
Grand C-Max Van 1.6 TDCi	[T1DA]	12.10- 12.10-	114724 115459	14 150 14 120		12.10- 12.10-	113908 113911	12 1.2 12 2.2	A49
	[T3DA, T3DB]	12.10- 12.10-	114724 115459	14 150 14 120		12.10- 12.10-	113908 113911	12 1.2 12 2.2	A49
Grand C-Max Van 1.6 Ecoboost	[JTDA, JTDB]	12.10-	115959	14 120		12.10-	116062	12 1.2	
Grand C-Max Van 2.0 TDCi	[T7DB]	03.15-	116594	14 150		03.15-	116049	12 1.4	
	[T8DE]	03.15-	116594	14 150					
	[TXDB]	12.10-	115459	14 120	A25	12.10-	116316	12 2.0	
	[TYDA]	02.11-	115459	14 120	A25	02.11-	116316	12 2.0	
	[UFDB]	12.10-	115459	14 120		12.10-	113911	12 2.2	A49
Ka 1.0 i	[C4B]	07.97- 09.99	113447	14 70		07.97- 09.99	111680	12 1.1	
	[C4C]	09.99-	113447	14 70		09.99-	111680	12 1.1	
Ka 1.2	[B2KA]	06.16-	114883	14 120		06.16-	114162	12 1.1	
	[FP4 (169A4.000)]	02.09- 02.09- 02.09-	113535 114462 114706	14 85 14 70 14 120		02.09- 02.09- 02.09-	111680 114162	12 1.1 12 1.1	
	[YSKD]	06.16-	114883	14 120		06.16-	114162	12 1.1	
	[YSKE]	06.16-	114883	14 120		06.16-	114162	12 1.1	
Ka 1.3	[A9A, A9B]	09.02- 03.04 A22 09.02- 03.04	115659 115543	14 80 14 90		09.02- 03.04	114162	12 1.1	
	[BAA]	05.02- 05.05 05.02- 05.05	115543 115659	14 90 14 80		05.02- 05.05	114162	12 1.1	
	[J4D]	05.02- 05.05 05.02- 05.05	115543 115659	14 90 14 80		05.02- 05.05	114162	12 1.1	
	[J4K]	05.02- 05.05 05.02- 05.05	115543 115659	14 90 14 80		05.02- 05.05	114162	12 1.1	
	[J4M]	05.02- 05.05 05.02- 05.05	115543 115659	14 90 14 80		05.02- 05.05	114162	12 1.1	
	[J4N]	05.02- 05.05 05.02- 05.05	115543 115659	14 90 14 80		05.02- 05.05	114162	12 1.1	
	[J4P]	05.02- 05.05 05.02- 05.05	115543 115659	14 90 14 80		05.02- 05.05	114162	12 1.1	
	[J4S]	05.02- 05.05 05.02- 05.05	115543 115659	14 90 14 80		05.02- 05.05	114162	12 1.1	
Ka 1.3 i	[A9A]	08.02- 08.02-	115543 115659	14 90 14 80		08.02-	114162	12 1.1	
	[A9B]	08.02- 08.02-	115543 115659	14 90 14 80		08.02-	114162	12 1.1	
	[BAA]	09.96-	115659	14 80					
	[J4D]	09.96- PS 09.96-	115659 113447	14 80 14 70		09.96-	111680	12 1.1	
	[J4K]	09.96- PS 09.96-	115659 113447	14 80 14 70		09.96-	111680	12 1.1	
	[J4M]	09.96- PS 09.96-	115659 113447	14 80 14 70		09.96-	111680	12 1.1	
	[J4N]	09.96- PS 09.96-	115659 113447	14 80 14 70		09.96-	111680	12 1.1	
	[J4P]	09.96- PS 09.96-	115659 113447	14 80 14 70		09.96-	111680	12 1.1	
	[J4S]	09.96- PS 09.96-	115659 113447	14 80 14 70		09.96-	111680	12 1.1	
	[JJB]	PS 09.96-	113447	14 70		09.96-	111680	12 1.1	
	[JJD]	PS 06.98- 10.02	113447	14 70		06.98- 10.02	111680	12 1.1	
	[JJF]	PS 06.98- 10.02	113447	14 70		06.98- 10.02	111680	12 1.1	
	[JJG]	PS 06.98- 10.02	113447	14 70		06.98- 10.02	111680	12 1.1	
	[JJH]	PS 06.98- 10.02	113447	14 70		06.98- 10.02	111680	12 1.1	
	[JUL]	PS 06.98- 10.02	113447	14 70		06.98- 10.02	111680	12 1.1	
Ka 1.6 Street	[CDRA]	05.03- 07.05	113883	14 90		05.03- 07.05	113962	12 0.9	
	[CDRB]	05.03- 07.05	113883	14 90		05.03- 07.05	115400	12 1.4	
Ka 1.6 i	[CCA]	07.03-	113883	14 90		07.03-	114162	12 1.1	
	[CDB]	07.03-	113883	14 90		07.03-	115312	12 1.1	
	[CDC]	07.03-	113883	14 90		07.03-	115400	12 1.4	
Kuga 1.5 TDCi	[XWMC, XWMB]	07.16- 07.16-	114724 115459	14 150 14 120		07.16- 07.16- 01.19-	113911 116316 116157	12 2.2 12 2.0 12 2.2	
Kuga 2.0 TDCi	[G6DG]	03.08- 03.08- 03.08- 03.08-	113849 113922 115460 116294	14 150 A49 14 120 14 160 14 150		03.08- 03.08- 03.08-	113906 113911 116157	12 1.2 12 2.2 12 2.2	A49
	[T7MA]	09.14-	116594	14 150	A25	09.14-	116268	12 1.8	
	[T7MB]	09.14-	116594	14 150					
	[UFDA]	02.08- 02.08- 02.08-	113849 113922 116294	14 150 A49 14 120 14 150		02.08- 02.08- 02.08-	113911 116157	12 2.2 12 2.2	A49
	[UKDA]	03.08- 03.08- 03.08-	113849 113922 116294	14 150 A49 14 120 14 150		03.08- 03.08- 03.08-	113911 116157	12 2.2 12 2.2	A49
	[XRMA]	09.14-	116594	14 150					
	[XRMB]	09.14-	116594	14 150					
	[XRMB, XRMA]	06.19-	116594	14 150					
Kuga 2.0 TDCi 4x4	[G6DG]	03.08- 03.08- 03.08-	113849 113922 116294	14 150 A49 14 120 14 150		03.08- 03.08- 03.08-	113911 116157	12 2.2 12 2.2	A49
	[T7MA]	09.14-	116594	14 150		09.14-	116157	12 2.2	
	[T7MB]	09.14-	116594	14 150					
	[T8MA]	09.14-	116594	14 150		09.14-	116157	12 2.2	
	[T8MB]	09.14-	116594	14 150					
	[TXDA]	03.10- 11.12 03.10- 11.12 03.13-	113849 116294 116393	14 150 14 150 14 150		03.10- 11.12 03.10- 11.12	113911 116157	12 2.2 12 2.2	A49
	[UFDA]	03.10- 11.12 03.10- 11.12	113849 116294	14 150 14 150		03.10- 11.12 03.10- 11.12	113911 116157	12 2.2 12 2.2	A49
	[UKDA]	03.08- 03.08- 03.08-	113849 113922 116294	14 150 A49 14 120 14 150		03.08- 03.08- 03.08-	113911 116157	12 2.2 12 2.2	A49
Kuga 2.5 4x4	[HYDB]	03.09-	115606	14 150		03.09-	116157	12 2.2	
Kuga Van 2.0 TDCi	[T7MB, T7MA]	09.14-	116594	14 150					
Kuga Van 2.0 TDCi 4x4	[T7MA, T7MB]	09.14-	116594	14 150					



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	[T8MB, T8MA]	09.14-	116594	14 150				
Maverick 2.3 16V	[GZ]				03.04-	113906	12 1.2	
Maverick 2.4 i	[KA24-E]				02.93- 08.96	111485	12 1.2	
Maverick 2.7 TD	[TD27]	02.93- 08.96	112086	14 60	02.93- 08.96	111374	12 1.5	
					02.93- 08.96	111805	12 2.5	
	[TD27E]	09.96- 04.98	111980	14 70	09.96- 04.98	111374	12 1.5	
		09.96- 04.98	115837	14 70	09.96- 04.98	112340	12 1.4	
					09.96- 04.98	111805	12 2.5	
Maverick Mk 2 2.0 16V FWD	[YF]				02.01-	112340	12 1.4	
Mondeo 1.5 TDCi	[UGCC]				A25 03.15-	116316	12 2.0	
	[XUCA]				A25 03.15-	116316	12 2.0	
Mondeo 1.6 TDCi	[T1BA]	12.10-	114724	14 150	AT 12.10-	112340	12 1.4	
					12.10-	113908	12 1.2	A49
					12.10-	116062	12 1.2	
					A25 02.11-	116316	12 2.0	
	[T1BB]	12.10-	114724	14 150	AT 12.10-	112340	12 1.4	
					12.10-	113908	12 1.2	A49
					12.10-	116062	12 1.2	
					A25 02.11-	116316	12 2.0	
	[T1BB, T1BA, T1BC]	03.13- 09.14	114724	14 150	A25 03.13- 09.14	112340	12 1.4	
					03.13- 09.14	116316	12 2.0	
					03.13- 09.14	113908	12 1.2	A49
					03.13- 09.14	116062	12 1.2	
	[T1BC]	12.10-	114724	14 150	AT 12.10-	112340	12 1.4	
					12.10-	113908	12 1.2	A49
					12.10-	116062	12 1.2	
					A25 02.11-	116316	12 2.0	
Mondeo 1.6	[KGBA]	03.10- 01.15	114883	14 120	AT 03.10- 01.15	112340	12 1.4	
Mondeo 1.6 EcoBoost	[JTBA]				11.10- 01.15	116049	12 1.4	
	[JTBB]				11.10- 01.15	116049	12 1.4	
Mondeo 1.8 TD	[RFM]	06.93- 08.96	112151	14 95	06.93- 08.96	110867	12 1.7	
					06.93- 08.96	111374	12 1.5	
	[RFN]	06.93- 08.96	112151	14 95	06.93- 08.96	111374	12 1.5	
					10.95- 08.96	110867	12 1.7	
Mondeo 1.8 TDCi	[FFBA]	03.07- 11.10	114898	14 150	AT 03.07- 11.10	112340	12 1.4	
	[KHBA]	06.07- 11.10	114898	14 150	06.07- 11.10	112290	12 2.2	
	[QYBA]	06.07- 11.10	114898	14 150	AT 06.07- 11.10	112340	12 1.4	
					06.07- 11.10	112290	12 2.2	
Mondeo 1.8 16V	[CGBA]	11.00-	113708	14 115	11.00-	112821	12 2.2	
		11.00-	113709	14 115	AT 11.00-	112340	12 1.4	
	[CGBB]	11.00-	113708	14 115	AT 11.00-	111374	12 1.5	
		11.00-	113709	14 115	11.00-	112821	12 2.2	
					AT 11.00-	112340	12 1.4	
	[CHBA]	11.00-	113708	14 115	11.00-	112821	12 2.2	
		11.00-	113709	14 115	AT 11.00-	112340	12 1.4	
	[CHBB]	11.00-	113708	14 115	AT 11.00-	111374	12 1.5	
		11.00-	113709	14 115	11.00-	112821	12 2.2	
Mondeo 1.8 SCi	[CFBA]	06.03-	113708	14 115	06.03-	112821	12 2.2	
		06.03-	113709	14 115	AT 06.03-	112340	12 1.4	
Mondeo 2.0 LPG	[TBBA]	07.09-	115417	14 150	07.09-	112235	12 1.4	
Mondeo 2.0 FlexFuel	[TBBA]	03.07-	115417	14 150	03.07-	112235	12 1.4	
	[TBBB]	03.07-	115417	14 150	03.07-	112235	12 1.4	
Mondeo 2.0 DI/ TDDi 16V	[D5BA]	11.00-	113709	14 115	11.00-	112821	12 2.2	
					11.00-	115870	12 2.1	A49
	[SDBA]	11.00-	113709	14 115	AT 11.00-	112340	12 1.4	
					11.00-	115870	12 2.1	A49
Mondeo 2.0 TDCi Bi-Turbo	[T9CA]	03.15-	116382	14 220	03.15-	113906	12 1.2	
		03.15-	116595	14 180				
					A25 03.15-	116268	12 1.8	
Mondeo 2.0 TDCi	[AZBA]	03.07-	115365	14 150	03.07-	112290	12 2.2	
					03.07-	113911	12 2.2	A49
					03.07-	116157	12 2.2	
	[AZBC]	03.07-	115365	14 150	03.07-	112235	12 1.4	
		03.07-	115544	14 150	03.07-	113794	12 1.4	
		03.07-	116364	14 150	03.07-	113911	12 2.2	A49
					03.07-	116157	12 2.2	
	[FMBA]	10.01-	113709	14 115	AT 10.01-	112340	12 1.4	
					10.01-	115870	12 2.1	A49
	[KLBA]	11.07- 09.14	115365	14 150	11.07- 09.14	112235	12 1.4	
		11.07- 09.14	115544	14 150	11.07-	113794	12 1.4	
		11.07-	116364	14 150	11.07- 09.14	113911	12 2.2	A49
					11.07- 09.14	116157	12 2.2	
	[LPBA]	11.07-	115365	14 150	11.07-	112290	12 2.2	
		11.07-	115544	14 150	11.07-	112235	12 1.4	
		11.07-	116364	14 150	11.07-	113794	12 1.4	
					11.07-	113911	12 2.2	A49
					11.07-	116157	12 2.2	
	[N7BA]	10.01-	113709	14 115	AT 10.01-	112340	12 1.4	
					10.01-	112821	12 2.2	
					10.01-	115870	12 2.1	A49
	[QXBA]	03.07-	115365	14 150	03.07-	112290	12 2.2	
		03.07-	116364	14 150	03.07-	113794	12 1.4	
					03.07-	113911	12 2.2	A49
					03.07-	116157	12 2.2	
	[QXBB]	03.07- 09.14	115365	14 150	03.07- 09.14	112235	12 1.4	
		03.07- 09.14	115544	14 150	03.07-	113794	12 1.4	
		03.07-	116364	14 150	03.07-	113906	12 1.2	
					03.07- 09.14	113911	12 2.2	A49
					03.07- 09.14	116157	12 2.2	
	[T7CE]	09.14-	116382	14 220	09.14-	113906	12 1.2	
		09.14-	116595	14 180	A25 09.14-	116268	12 1.8	
	[T8CC]	09.14-	116382	14 220	09.14-	113906	12 1.2	
		09.14-	116595	14 180				
					A25 09.14-	116268	12 1.8	
	[TXBA]	03.10- 09.14	114805	14 150 A49	AT 03.10- 09.14	112340	12 1.4	
		03.10- 09.14	116296	14 150	03.10- 09.14	113794	12 1.4	
		03.10- 09.14	116364	14 150	03.10-	114092	12 2.0	
					03.10- 09.14	113906	12 1.2	
					03.10- 09.14	113911	12 2.2	A49
					03.10- 09.14	116157	12 2.2	



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	[FUC]	01.86- 07.90	110891	14	70	A47	A13	01.86- 07.90	111131	12	0.8					
		07.86- 07.90	111289	14	70			07.86- 07.90	112290	12	2.2					
		07.86- 07.90	111362	14	55											
	[FUH]	07.90- 12.93	110891	14	70	A47	07.90- 12.93	111131	12	0.8						
	[FUAA]	03.86- 07.90	110891	14	70	A47	03.86- 07.90	111131	12	0.8						
		03.86- 07.90	111289	14	70		03.86- 07.90	111750	12	1.4						
		10.87- 07.90	111362	14	55											
Orion 1.6 Diesel	[LTA]	02.84- 03.86	111086	14	65			02.84- 03.86	111131	12	0.8					
		02.84- 03.86	111738	14	65											
		04.84- 01.89	111364	14	55											
		04.84- 01.89	111368	14	70											
[LTC]	03.86- 07.90	111364	14	55												
	03.86- 07.90	111368	14	70												
Orion 1.6	[LP1]	07.83- 03.86	110759	14	35			07.83- 03.86	111131	12	0.8					
		07.83- 03.86	110891	14	70	A47		07.83- 03.86	110867	12	1.7					
		07.83- 03.86	111289	14	70											
	[LPA]	07.83- 03.86	110759	14	35			07.83- 03.86	111131	12	0.8					
		07.83- 03.86	110891	14	70	A47		07.83- 03.86	110867	12	1.7					
		07.83- 03.86	111289	14	70											
	[LUC]	12.85- 07.90	110891	14	70	A47		12.85- 07.90	111131	12	0.8					
		12.85- 07.90	111289	14	70			12.85- 07.90	111750	12	1.4					
		12.85- 07.90	111362	14	55											
	[LUK]	07.90- 12.92	110891	14	70	A47	07.90- 12.92	111131	12	0.8						
[L1E]	07.92- 12.93	110891	14	70	A47	07.92- 12.93	111131	12	0.8							
Orion 1.6 i	[L4B]	03.86- 07.90	110891	14	70	A47		03.86- 07.90	111131	12	0.8					
		03.86- 07.90	111289	14	70			03.86- 07.90	111750	12	1.4					
		03.86- 07.90	111362	14	55											
	[LJB]	08.89- 07.90	110891	14	70	A47	08.89- 07.90	111131	12	0.8						
	[LJF]	07.90- 09.92	110891	14	70	A47	07.90- 09.92	111131	12	0.8						
	[LR1]	07.83- 03.86	110891	14	70	A47		07.83- 03.86	110867	12	1.7					
		07.83- 03.86	111289	14	70			07.83- 03.86	112290	12	2.2					
		07.83- 03.86	111362	14	55											
	[LRA]	07.83- 03.86	110891	14	70	A47		07.83- 03.86	110867	12	1.7					
		07.83- 03.86	111289	14	70			07.83- 03.86	112290	12	2.2					
07.83- 03.86		111362	14	55												
[LRB]	03.86- 07.90	110891	14	70	A47		03.86- 07.90	110867	12	1.7						
	03.86- 07.90	111289	14	70			03.86- 07.90	112290	12	2.2						
	03.86- 07.90	111362	14	55												
Orion 1.8 Diesel	[RTA]	01.89- 07.90	111356	14	55											
		01.89- 07.90	111364	14	55											
		01.89- 07.90	111368	14	70											
	[RTB]	01.89- 07.90	111356	14	55											
01.89- 07.90		111364	14	55												
01.89- 07.90		111368	14	70												
[RTF]	07.90- 12.93	111356	14	55		07.90- 12.93	111750	12	1.4							
	07.90- 12.93	111364	14	55												
	07.90- 12.93	111368	14	70												
Orion 1.8 TD	[RFD]	03.92- 12.93	111356	14	55											
	[RFK]	03.92- 12.93	111356	14	55											
P 100 1.6	[LCR]	04.82- 09.87	110179	14	36	RHD	04.82- 09.87	110831	12	0.8						
P 100 2.0	[NAE]	10.87- 12.92	111086	14	65											
Probe 2.0 16V	[FS]	10.93- 09.96	111317	14	80											
Probe 2.2 GTi	[99C]	10.92- 07.93	111317	14	80											
Probe 3.0 V6		09.89- 07.93	111317	14	80											
Puma 1.4 16V	[FHD]	11.97- 10.00	113952	14	70		11.97- 10.00	111906	12	1.1						
		11.97- 10.00	113952	14	70								11.97- 10.00	111906	12	1.1
		11.97- 10.00	113952	14	70								11.97- 10.00	111909	12	1.1
							11.97- 10.00	115504	12	1.1	A49					
Puma 1.6 16V	[L1W]	08.00-	113952	14	70	08.00-	111906	12	1.1							
Puma 1.7 16V	[MHA]						03.97-	111906	12	1.1						
	[MHB]						03.97-	111906	12	1.1						
Ranger 2.2 TDCi	[GBVAJQW]	04.11-	116546	14	110		11.11-	116645	12	2.5						
		11.11-	115576	14	150											
		04.11-	116546	14	110											
Ranger 2.2 TDCi 4x4	[GBVAJQJ]	04.11-	116546	14	110		11.11-	116645	12	2.5						
		11.11-	115576	14	150											
		04.11-	116546	14	110											
		11.11-	115576	14	150											
Ranger 2.5 Diesel	[WL]	10.99- 04.02	114120	14	75		10.99- 04.02	113702	12	2.2						
Ranger 2.5 Diesel 4x4	[WL]	10.99- 04.02	112352	14	70		10.99- 04.02	113702	12	2.2						
		10.99- 04.02	114120	14	75											
Ranger 2.5 TD	[WL-T]	04.02-	112352	14	70		04.02-	113702	12	2.2						
Ranger 2.5 TD 4x4	[WL-T]	04.02-	112352	14	70		04.02-	113702	12	2.2						
							10.99-	112600	12	1.4						
Ranger 3.0 TDCi 4x4	[WEAT]	05.06-	112352	14	70		05.06-	113702	12	2.2						
Ranger 3.2 TDCi 4x4	[SAFA]	04.11-	116546	14	110		11.11-	116645	12	2.5						
		11.11-	115576	14	150											
Scorpio 1.8	[REC]	04.85- 02.92	111086	14	65		04.85- 02.92	110842	12	1.4						
					04.85- 09.85								110336	12	0.75	
					04.85- 08.89								110842	12	1.4	
Scorpio 2.0	[NEL]	04.85- 08.89	111086	14	65		04.85- 08.89	110842	12	1.4						
Scorpio 2.5 Diesel	[SCB]	08.93- 09.94	111086	14	65		08.93- 09.94	110842	12	1.4						
		12.85- 02.94	111086	14	65								12.85- 02.94	110842	12	1.4
		12.85-	111364	14	55											
		12.85-	111368	14	70											
Scorpio 2.5 TD	[SCB]	08.93- 09.94	111086	14	65		08.93- 09.94	110842	12	1.4						
		10.94- 08.98	111623	14	70								10.94- 08.98	110842	12	1.4
	10.94- 08.98	111742	14	70												
	09.96- 08.98	111623	14	70	09.96- 08.98								110842	12	1.4	
	09.96- 08.98	111742	14	70												
	09.96- 08.98	115890	14	70												A49
Scorpio 2.8 i	[PRE]	04.85- 11.86	111289	14	70		04.85- 11.86	110842	12	1.4						
		04.85- 11.86	111362	14	55											
Scorpio 2.8 i 4x4	[PRE]	10.85- 11.86	111289	14	70		10.85- 11.86	110842	12	1.4						
		10.85- 11.86	111362	14	55											
Scorpio 2.9 i 24V	[BOA]						04.91- 02.92	110842	12	1.4						
	[BOB]	10.94- 12.98	112698	14	100		10.94- 12.98	110842	12	1.4						
Scorpio 2.9 i	[BRG]	02.95- 12.98	112698	14	100		02.95- 12.98	110842	12	1.4						
Scorpio 2.9 i 4x4	[BRD]						10.87- 02.92	110842	12	1.4						
	[BRF]						10.87- 02.92	110842	12	1.4						
Sierra 1.3	[JCT]	08.82- 12.86	111086	14	65		08.82- 12.86	110842	12	1.4						



Sierra 1.6	[LCS]	08.82- 12.86	111086	14 65		RHD	08.82- 12.86	110831	12 0.8
		08.82- 12.86	111411	14 75					
	[LCT]	08.82- 10.84	111086	14 65		RHD	08.82- 10.84	110831	12 0.8
		08.82- 12.86	111411	14 75					
	[LSD]	08.82- 12.86	111086	14 65		RHD	08.82- 12.86	110831	12 0.8
		08.82- 12.86	111411	14 75					
Sierra 1.8 TD	[RFA]	01.87- 02.93	111086	14 65			01.87- 02.93	110842	12 1.4
	[RFB]	01.87- 02.93	111086	14 65			01.87- 02.93	110842	12 1.4
	[RFL]	01.87- 02.93	111086	14 65			01.87- 02.93	110842	12 1.4
	[R2A (XU102C)]	01.87- 05.88	111086	14 65			01.87- 05.88	110842	12 1.4
		01.87- 05.88	111364	14 55					
	[REB]	10.84- 12.86	111086	14 65		RHD	10.84- 12.86	110831	12 0.8
Sierra 1.8									
	[RED]	01.87- 05.88	111086	14 65		AT	01.87- 05.88	110336	12 0.75
		01.87- 05.88	111364	14 55			01.87- 05.88	110842	12 1.4
							01.87- 05.88	111131	12 0.8
						RHD	10.87- 05.88	110831	12 0.8
	[REF]	10.87- 05.88	111086	14 65			10.87- 05.88	110842	12 1.4
Sierra 2.0		10.87- 05.88	111364	14 55			10.87- 05.88	111010	12 1.4
							10.87- 05.88	111131	12 0.8
	[NES]	01.87- 02.93	111086	14 65		AT	01.87- 02.93	110336	12 0.75
							01.87- 02.93	110842	12 1.4
		01.87- 02.93	111364	14 55					
	[NET]	08.82- 12.86	111086	14 65		RHD	08.82- 12.86	110831	12 0.8
Sierra 2.0 i	[NR2]	08.85- 12.86	111086	14 65			08.85- 12.86	110842	12 1.4
	[NRB]	03.85- 12.86	111086	14 65			03.85- 12.86	110842	12 1.4
	[NRD]	10.85- 12.86	111086	14 65		RHD	10.85- 12.86	110831	12 0.8
							10.85- 12.86	110842	12 1.4
	[NYT]	08.82- 10.84	111086	14 65			08.82- 10.84	110842	12 1.4
		08.82- 10.84	111289	14 70			08.82- 10.84	110336	12 0.75
Sierra 2.3	[N4A]	01.87- 02.93	111086	14 65		AT	01.87- 02.93	110336	12 0.75
		01.87- 02.93	111364	14 55			01.87- 02.93	110842	12 1.4
	[N4B]	01.87- 02.93	111086	14 65			01.87- 02.93	110336	12 0.75
		01.87- 02.93	111364	14 55			01.87- 02.93	110842	12 1.4
	[N4I]	01.87- 10.89	111086	14 65			01.87- 10.89	110336	12 0.75
		01.87- 10.89	111364	14 55			01.87- 10.89	110842	12 1.4
Sierra 2.3 Diesel	[NE5]	01.87- 12.92	111086	14 65			01.87- 12.92	110842	12 1.4
		01.87- 12.92	111364	14 55					
	[NEJ]	01.87- 12.92	111086	14 65			01.87- 12.92	110842	12 1.4
		01.87- 12.92	111364	14 55					
	[NR2]	08.85- 12.86	111086	14 65			08.85- 12.86	110842	12 1.4
	[NRB]	03.85- 12.86	111086	14 65			03.85- 12.86	110842	12 1.4
Sierra 2.3 4x4	[YTR]	01.87- 09.89	111086	14 65			01.87- 09.89	110336	12 0.75
		01.87- 09.89	111364	14 55			01.87- 09.89	110842	12 1.4
		01.87- 09.89	111368	14 70					
	[YTT]	08.82- 12.86	111289	14 70			08.82- 12.86	110336	12 0.75
	[YYT]	08.82- 12.86	111289	14 70			08.82- 12.86	110336	12 0.75
		08.82- 12.86	111362	14 55			08.82- 12.86	111750	12 1.4
Sierra 2.8 4x4	[PRG]	01.87- 08.88	111289	14 70					
		01.87- 08.88	111362	14 55					
	[PRT]	02.85- 12.86	111289	14 70			02.85- 12.86	110336	12 0.75
		02.85- 12.86	111362	14 55					
	[PR5]	08.82- 12.86	111289	14 70			08.82- 12.86	110336	12 0.75
		08.82- 12.86	111362	14 55					
Sierra 2.8 XR4i	[PR6]	08.82- 12.86	111289	14 70			08.82- 12.86	110336	12 0.75
		08.82- 12.86	111362	14 55					
	[PRT]	08.82- 02.85	111289	14 70			08.82- 02.85	111911	12 1.4
		08.82- 02.85	111362	14 55					
	[PR5]	09.83- 12.86	111289	14 70			09.83- 12.86	110336	12 0.75
		10.84- 08.85	111362	14 55					
Sierra 2.8 i XR4	[PR7]	01.87- 02.93	111289	14 70			01.87- 02.93	110336	12 0.75
	[PRG]	01.87- 08.88	111289	14 70			01.87- 08.88	110336	12 0.75
		01.87- 08.88	111362	14 55					
	[PR5]	08.82- 12.86	111289	14 70			08.82- 12.86	110336	12 0.75
							08.82- 12.86	111750	12 1.4
							01.87- 02.93	110336	12 0.75
Sierra 2.8 i 4x4	[PR8]	08.82- 12.86	111289	14 70			08.82- 12.86	110336	12 0.75
	[PR5, PR6]	08.82- 12.86	111289	14 70					
	[PR6]	08.82- 12.86	111289	14 70			08.82- 12.86	110336	12 0.75
	[PR7]	01.87- 02.93	111289	14 70					
	[T1WA]	02.11-	114724	14 150			02.11-	114092	12 2.0
	[T1WB]	02.11-	114724	14 150			02.11-	113906	12 1.2
S-Max 1.6 TDCi	[FFWA]	01.07- 11.10	114898	14 150			01.07- 11.10	113906	12 1.2
	[QYWA]	05.06- 11.10	114898	14 150			05.06- 11.10	113906	12 1.2
	[T9CB]	02.15-	116382	14 220			02.15-	115405	12 2.2
		02.15-	116595	14 180		A25	02.15-	116268	12 1.8
	[T9CC]	02.15-	116382	14 220			02.15-	116157	12 2.2
		02.15-	116595	14 180					
S-Max 2.0 TDCi	[AZWA]	05.06-	116441	14 150			05.06-	116157	12 2.2
	[AZWC]	05.06-	116441	14 150		A25	05.06-	116268	12 1.8
	[KLWA]	11.07-	116441	14 150		A25	11.07-	116268	12 1.8
	[QXWA]	05.06-	116441	14 150		A25	05.06-	116268	12 1.8
	[QXWB]	05.06-	116441	14 150		A25	05.06-	116268	12 1.8
	[QXWC]	05.06-	116441	14 150		A25	05.06-	116268	12 1.8
S-Max 2.0 TDCi Bi-Turbo	[T7CI]	02.15-	116382	14 220			02.15-	116157	12 2.2
		02.15-	116595	14 180		A25	02.15-	116268	12 1.8
	[T7CJ]	02.15-	116382	14 220		A25	02.15-	116316	12 2.0
		02.15-	116595	14 180		A25	02.15-	116268	12 1.8
	[T7CK]	02.15-	116382	14 220			02.15-	116157	12 2.2
		02.15-	116595	14 180		A25	02.15-	116268	12 1.8
S-Max 2.0 TDCi A49	[T7CL]	02.15-	116382	14 220			02.15-	113911	12 2.2
		02.15-	116595	14 180		A25	02.15-	116268	12 1.8
	[T8CG]	02.15-	116382	14 220			02.15-	116157	12 2.2
		02.15-	116595	14 180			02.15-	116049	12 1.4
	[T8CH]	02.15-	116382	14 220			02.15-	113911	12 2.2
		02.15-	116595	14 180		A25	02.15-	116268	12 1.8

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	[T8CI]	02.15-	116382	14 220		02.15-	116157	12 2.2
		02.15-	116595	14 180		02.15-	116049	12 1.4 A49
	[T8CJ]	02.15-	116382	14 220		02.15-	116157	12 2.2
		02.15-	116595	14 180		02.15-	116049	12 1.4 A49
	[TXWA]	03.10-	114805	14 150 A49		03.10-	114092	12 2.0
		03.10- 12.14	116296	14 150		03.10- 12.14	113911	12 2.2 A49
	[TYWA]	11.07-	116441	14 150		A25 11.07-	116268	12 1.8
	[TYWA,KLWA]	01.07- 12.14	116296	14 150		01.07- 12.14	113911	12 2.2 A49
		01.07- 12.14	116441	14 150		A25 01.07- 12.14	116268	12 1.8
	[UFCA]	02.15-	116382	14 220		02.15-	113911	12 2.2 A49
		02.15-	116595	14 180		A25 02.15-	116268	12 1.8
	[UFCB]	02.15-	116382	14 220		A25 02.15-	116316	12 2.0
		02.15-	116595	14 180		A25 02.15-	116268	12 1.8
	[UFWA]	05.06-	116441	14 150		A25 05.06-	116268	12 1.8
	[UFWA,QXWA,QXWC,QXWB]	03.10- 12.14	116296	14 150		03.10- 12.14	113911	12 2.2 A49
	[UKWA]	05.06-	116441	14 150		A25 05.06-	116268	12 1.8
S-Max 2.0 TDCi 4x4	[T7CI]	02.15-	116382	14 220		02.15-	113911	12 2.2 A49
		02.15-	116595	14 180		A25 02.15-	116268	12 1.8
	[T7CJ]	02.15-	116382	14 220		02.15-	116157	12 2.2
		02.15-	116595	14 180		02.15-	116062	12 1.2
	[T7CK]	02.15-	116382	14 220		02.15-	116157	12 2.2
		02.15-	116595	14 180		02.15-	116062	12 1.2
	[T7CL]	02.15-	116382	14 220		02.15-	116157	12 2.2
		02.15-	116595	14 180		A25 02.15-	116268	12 1.8
	[T8CG]	02.15-	116382	14 220		02.15-	116157	12 2.2
		02.15-	116595	14 180		02.15-	115641	12 1.4
	[T8CH]	02.15-	116382	14 220		02.15-	115405	12 2.2
		02.15-	116595	14 180		A25 02.15-	116268	12 1.8
	[T8CI]	02.15-	116382	14 220		02.15-	116157	12 2.2
		02.15-	116595	14 180				
	[T8CJ]	02.15-	116382	14 220		02.15-	116157	12 2.2
		02.15-	116595	14 180				
S-Max 2.0 FlexFuel	[TBWA]	05.06-	115417	14 150		05.06-	113906	12 1.2
		05.06-	115847	14 150		05.06-	113911	12 2.2 A49
	[TBWB]	05.06-	115417	14 150		05.06-	113906	12 1.2
		05.06-	115847	14 150		05.06-	113908	12 1.2 A49
S-Max 2.0	[AOWA]	05.06-	115417	14 150		05.06-	113906	12 1.2
		05.06-	115847	14 150				
	[AOWB]	05.06-	115417	14 150		05.06-	113906	12 1.2
		05.06-	115847	14 150		05.06-	113911	12 2.2 A49
S-Max 2.2 TDCi	[KNWA]	07.10-	115544	14 150		07.10-	113906	12 1.2
		03.08-	115544	14 150		03.08-	113906	12 1.2
	[Q4WA]	03.08-	115544	14 150				
S-Max 2.3	[SEWA]	07.07-	115847	14 150		07.07-	113908	12 1.2 A49
S-Max 2.5 ST	[HUWA]	05.06-	115434	14 150		05.06-	113906	12 1.2
Streetka 1.6 i						12.02-	114162	12 1.1
Taurus 1.3	[JAC]	01.70- 05.75	111086	14 65		01.70- 05.75	110336	12 0.75
		07.79- 07.82	111086	14 65		07.79- 07.82	110336	12 0.75
Taurus 1.6	[LAD]	01.74- 05.75	111086	14 65		01.74- 05.75	110336	12 0.75
		07.79- 07.82	111086	14 65				
	[LAR]	07.79- 07.82	111086	14 65				
		08.70- 02.76	111086	14 65		08.70- 02.76	110336	12 0.75
Taurus 1.6 1600	[LCJ]	01.70- 05.75	111086	14 65		01.70- 05.75	110336	12 0.75
Taurus 2.0	[NEE]	08.73- 02.76	111086	14 65		08.73- 02.76	110336	12 0.75
		08.73- 02.76	111086	14 65		08.73- 02.76	110336	12 0.75
	[NEG]	08.73- 02.76	111086	14 65		08.73- 02.76	110336	12 0.75
		07.79- 07.82	111086	14 65		07.79- 07.82	110336	12 0.75
	[NER]	07.79- 07.82	111086	14 65				
		07.79- 07.82	111289	14 70				
	[NWR]	07.79- 07.82	111362	14 55				
		05.75- 07.79	111035	14 65		01.76-	110336	12 0.75
Taurus 2.0 V6	[NYR]	05.75- 05.79	111289	14 70				
		01.76-	111086	14 65				
	[YYF]	08.70- 02.76	111289	14 70				
		05.75- 07.79	111035	14 65				
Taurus 2.3	[YYR]	05.75- 05.79	111289	14 70				
		07.79- 07.82	111289	14 70				
Taurus 2.3 V6		08.71- 02.76	111289	14 70				
Torneo Connect 1.0 EcoBoost	[M2GA]	11.13-	115933	14 150		11.13-	116062	12 1.2
		11.13-	116222	12 120				
Torneo Connect 1.5 TDCi	[XUGA]	05.15-	114724	14 150		05.15-	113908	12 1.2 A49
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	116062	12 1.2
	[XVGA]	05.15-	114724	14 150		05.15-	113908	12 1.2 A49
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	116062	12 1.2
	[XVGB]	05.15-	114724	14 150		05.15-	113910	12 1.4
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	116062	12 1.2
	[XVGC]	05.15-	114724	14 150		05.15-	113910	12 1.4
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	116062	12 1.2
	[XWGA]	05.15-	114724	14 150		05.15-	113908	12 1.2 A49
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	116062	12 1.2
	[XWGB]	05.15-	114724	14 150		05.15-	113910	12 1.4
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	116062	12 1.2
Torneo Connect 1.6 TDCi	[T1GA]	09.13-	114724	14 150		09.13-	113908	12 1.2 A49
		09.13-	115459	14 120		A25 09.13-	116316	12 2.0
						09.13-	116062	12 1.2
	[TZGA]	09.13-	114724	14 150		09.13-	113908	12 1.2 A49
		09.13-	115459	14 120		A25 09.13-	116316	12 2.0
						09.13-	113908	12 1.2 A49
	[TZGB]	09.13-	114724	14 150		A25 09.13-	116316	12 2.0
		09.13-	115459	14 120				
						09.13-	113908	12 1.2 A49
	[UBGA]	09.13-	114724	14 150		A25 09.13-	116316	12 2.0
		09.13-	115459	14 120				
						09.13-	116062	12 1.2
Torneo Connect 1.8 TDCi	[RWPA]	08.06-	113710	14 125		08.06-	113908	12 1.2 A49
		08.06-	113710	14 125		08.06-	113908	12 1.2 A49
		08.06-	113710	14 125		08.06-	113908	12 1.2 A49
	[RWPD]	08.06-	113710	14 125				
Torneo Courier 1.0 EcoBoost	[SFCA]	02.14-	115456	14 150		02.14-	115555	12 1.0
		02.14-	116221	14 120		A25 02.14-	116421	12 2.0



	[SFCB]	02.14- 02.14-	115456 116221	14 150 14 120		02.14- A25 02.14-	115555 116421	12 1.0 12 2.0	
	[SFCC]	02.14- 02.14-	115456 116221	14 150 14 120		02.14- A25 02.14-	115555 116421	12 1.0 12 2.0	
	[SFCD]	02.14- 02.14-	115456 116221	14 150 14 120		02.14- 02.14-	115555 116159	12 1.0 12 1.4	
Tourneo Courier 1.5 TDCi	[UGCA]	02.14- 02.14-	114724 115459	14 150 14 120		02.14- A25 02.14-	113905 116421	12 1.4 12 2.0	A49
	[UGCB]	02.14- 02.14-	114724 115459	14 150 14 120		02.14- A25 02.14-	113905 116421	12 1.4 12 2.0	A49
Tourneo Courier 1.5 TDCi Courier Kombi	[XVCA]	05.15-	114724	14 150		05.15-	113905	12 1.4	A49
	[XVCB]	05.15-	114724	14 150		05.15- 05.15-	116159 113905	12 1.4 12 1.4	A49
	[XVCC]	05.15-	114724	14 150		05.15- 05.15-	113905 116159	12 1.4 12 1.4	A49
Tourneo Courier 1.6 TDCi	[T3CA]	02.14- 02.14-	114724 115459	14 150 14 120		02.14- A25 02.14-	113905 116421	12 1.4 12 2.0	A49
	[T3CB]	02.14- 02.14-	114724 115459	14 150 14 120		02.14- A25 02.14-	113905 116421	12 1.4 12 2.0	A49
Tourneo Courier Kombi 1.5 TDCi	[XXCA, XXCB, XXCC]	04.18-	114724	14 150					
Tourneo Custom 2.0 TDCi	[YLF6]	12.15-	116606	14 240		A25 12.15-	116708	12 2.0	
	[YLF5]	12.15-	116606	14 240		A25 12.15-	116708	12 2.0	
	[YMF5]	12.15-	116606	14 240		A25 12.15- 12.15-	116708 116758	12 2.0 12 2.2	
	[YNF6]	12.15-	116606	14 240		A25 12.15- 12.15-	116708 116758	12 2.0 12 2.2	
	[YNF5]	12.15-	116606	14 240		A25 12.15- 12.15-	116708 116758	12 2.0 12 2.2	
Tourneo Custom 2.2 TDCi	[CVFF]	12.12- 12.12-	115461 116061	14 150 14 150 A49		12.12- A25 12.12-	113959 115510	12 2.0 12 2.0	A49
	[CYF4]	12.12- 12.12-	115461 116061	14 150 14 150 A49		12.12- A25 12.12-	113959 115510	12 2.0 12 2.0	A49
	[CYFF]					A25 12.12- 12.12-	115986 116247	12 2.5 12 2.2	VA
	[DRF4]	12.12- 12.12-	115461 116061	14 150 14 150 A49		12.12- A25 12.12-	113959 115510	12 2.0 12 2.0	A49
	[DRFF]					A25 12.12- 12.12-	115986 116247	12 2.5 12 2.2	VA
	[DRFG]					A25 12.12- 12.12-	115986 116247	12 2.5 12 2.2	VA
Transit 1.5	[EX]	12.68- 05.73 05.72- 05.73	110178 110759	14 36 14 35		12.68- 05.73	110461	12 2.8	
Transit 1.6	[4RB]	04.78- 12.85 04.78- 12.85	110759 111086	14 35 14 65		04.78- 12.85	110461	12 2.8	
	[LAT]	11.85- 09.91 11.85- 09.91 11.85- 09.91	111086 111364 111368	14 65 14 55 14 70		11.85- 09.91	110461	12 2.8	
Transit 1.7	[EY]	04.71- 03.78 04.71- 03.78	110178 110759	14 36 14 35		04.71- 03.78	110461	12 2.8	
Transit 1.7 FT100	[EY]	04.71- 03.78 05.72- 03.78	110178 110759	14 36 14 35		04.71- 03.78	110461	12 2.8	
Transit 2.0 CNG	[NSH]	06.94- 03.00	113529	14 120		06.94- 03.00	115510	12 2.0	A49
Transit 2.0 Diesel Di	[ABFA]	08.00-	113298	14 105		08.00-	113959	12 2.0	
	[D3FA]	08.00-	113298	14 105		08.00-	113959	12 2.0	
	[F3FA]	08.00-	113298	14 105		08.00-	113959	12 2.0	
Transit 2.0 TDCi	[FIFA]	08.02-	113298	14 105		08.02-	113959	12 2.0	
	[YLF6]	03.16-	116606	14 240		A25 03.16-	115986	12 2.5	
	[YLF5]	03.16-	116606	14 240		A25 03.16-	115986	12 2.5	
	[YLR6]	03.16-	116606	14 240		A25 03.16- 03.16-	115986 115870	12 2.5 12 2.1	A49
	[YMF6]	03.16-	116606	14 240		A25 03.16-	115986	12 2.5	
	[YMF5]	03.16-	116606	14 240		A25 03.16-	115986	12 2.5	
	[YMR6]	03.16-	116606	14 240		A25 03.16-	115986	12 2.5	
	[YNF6]	03.16-	116606	14 240		A25 03.16-	115986	12 2.5	
	[YNF5]	03.16-	116606	14 240		A25 03.16-	115986	12 2.5	
	[YNR6]	03.16-	116606	14 240		A25 03.16-	115986	12 2.5	
Transit 2.0	[4RC]	11.77- 07.82	111086	14 65		11.77- 07.82	110461	12 2.8	
	[N6T]	10.88- 09.91 10.88- 09.91 10.88- 09.91	111086 111364 111368	14 65 14 55 14 70		10.88- 09.91	110461	12 2.8	
	[NAT]	11.85- 09.91 11.85- 09.91 11.85- 09.91	111086 111364 111368	14 65 14 55 14 70		11.85- 09.91	110461	12 2.8	
	[NAV]	11.85- 09.91 11.85- 09.91 11.85- 09.91	111086 111364 111368	14 65 14 55 14 70		11.85- 09.91	110461	12 2.8	
	[NSF]	11.94-	113529	14 120		11.94- 11.94-	113959 115510	12 2.0 12 2.0	A49
	[NSG]	11.94-	113529	14 120		11.94-	115510	12 2.0	A49
Transit 2.2 TDCi	[CV24]	08.13- 05.14-	116782 115576	14 210 14 150		08.13- 05.14- 05.14-	115870 116516 115732	12 2.1 12 2.2 12 1.7	A49
	[CVF5]	05.14- 05.14-	115461 116061	14 150 14 150 A49		05.14- A25 05.14-	116247 115986	12 2.2 12 2.5	VA
	[CVR5]	08.13- 05.14-	116782 115576	14 210 14 150		08.13- 05.14- 05.14-	115870 116516 115732	12 2.1 12 2.2 12 1.7	A49

FORD Continued

[CVRA]	10.11-	115576	14 150	AT and Start/Stop	10.11- 10.11-	116758 115732	12 2.2 12 1.7	
[CVRB]	10.11-	115576	14 150		10.11- 10.11-	116758 115732	12 2.2 12 1.7	
[CVRC]	10.11-	115576	14 150		10.11- 10.11-	116758 115732	12 2.2 12 1.7	
[CY14]	05.14- 05.14-	115461 116061	14 150 14 150 A49		05.14- 05.14-	116247 115986	12 2.2 12 2.5	VA
[CYF5]	08.13- 05.14- 05.14- 05.14-	116782 115461 115576 116061	14 210 14 150 14 150 14 150 A49	A25	08.13- 05.14- 05.14- 05.14-	115870 116247 116516 115986	12 2.1 12 2.2 12 2.2 12 2.5	A49 VA
[CYFA]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	116247 116516 115986 116065	12 2.2 12 2.2 12 2.5 12 2.5	VA
[CYFB]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	116247 116516 115986 116065	12 2.2 12 2.2 12 2.5 12 2.5	VA
[CYFC]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11-	116247 115986	12 2.2 12 2.5	VA
[CYFD]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	116247 116516 115986 116065	12 2.2 12 2.2 12 2.5 12 2.5	VA
[CYFG]	05.14- 05.14-	115461 116061	14 150 14 150 A49	A25	05.14- 05.14-	116247 115986	12 2.2 12 2.5	VA
[CYFG, CYF5, CY14]	08.13- 08.13-	115461 116061	14 150 14 150	A25	08.13- 08.13-	116247 115986	12 2.2 12 2.5	VA
[CYRA]	10.11-	115576	14 150		10.11- 10.11-	116758 115732	12 2.2 12 1.7	
[CYRB]	10.11-	115576	14 150		10.11- 10.11-	116516 115732	12 2.2 12 1.7	
[DRF5]	08.13- 08.13- 05.14-	115461 116061 115576	14 150 14 150 14 150	A25	08.13- 08.13- 05.14-	116247 115986 116516	12 2.2 12 2.5 12 2.2	VA
[DRFA]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11-	116247 116516 115986	12 2.2 12 2.2 12 2.5	VA
[DRFB]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11-	116516 115986 116065	12 2.2 12 2.5 12 2.5	
[DRFC]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11-	116516 115986 116065	12 2.2 12 2.5 12 2.5	
[DRFD]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11-	116516 115986 116065	12 2.2 12 2.5 12 2.5	
[DRFE]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11-	116516 115986 116065	12 2.2 12 2.5 12 2.5	
[DRFF]	05.14- 05.14- 05.14-	115461 115576 116061	14 150 14 150 14 150 A49	A25	05.14- 05.14- 05.14-	116247 116516 115986	12 2.2 12 2.2 12 2.5	VA
[DRFG]	05.14- 05.14- 05.14-	115461 115576 116061	14 150 14 150 14 150 A49	A25	05.14- 05.14- 05.14-	116247 116516 115986	12 2.2 12 2.2 12 2.5	VA
[DRR5]	08.13- 05.14-	116782 115576	14 210 14 150		08.13- 05.14- 05.14- 05.14-	115870 116516 116758 115732	12 2.1 12 2.2 12 2.2 12 1.7	A49
[DRRA]	10.11-	115576	14 150		10.11- 10.11-	116758 115732	12 2.2 12 1.7	
[DRRB]	10.11-	115576	14 150		10.11- 10.11-	116758 115732	12 2.2 12 1.7	
[DRRC]	10.11-	115576	14 150		10.11- 10.11-	116758 115732	12 2.2 12 1.7	
[P8FA]	04.06- 07.06-	115499 113958	14 150 A49 14 150		04.06-	115510	12 2.0	A49
[P8FB]	04.06- 07.06-	115499 113958	14 150 A49 14 150	A25	04.06- 07.06-	116708 115510	12 2.0 12 2.0	A49
[PGFA]	10.07- 10.07-	113958 115499	14 150 14 150 A49	A25	10.07- 10.07-	115510 116708	12 2.0 12 2.0	A49
[PGFB]	10.07- 10.07-	113958 115499	14 150 14 150 A49	A25	10.07- 10.07-	115510 116708	12 2.0 12 2.0	A49
[QVFA]	04.06- 07.06-	115499 113958	14 150 A49 14 150		04.06-	115510	12 2.0	A49
[QWFA]	04.06- 07.06-	115499 113958	14 150 A49 14 150		04.06-	115510	12 2.0	A49
[SRFA]	10.08- 10.08- 10.08- 10.08-	113958 115499 113958 115499	14 150 14 150 A49 14 150 14 150 A49	A25	10.08- 10.08- 10.08- 10.08-	116708 115510 115510 116708	12 2.0 12 2.0 12 2.0 12 2.2	A49
[SRFB]	10.08- 10.08- 10.08-	113958 115499 113958	14 150 14 150 A49 14 150		10.08- 10.08- 10.08-	115510 115510 116065	12 2.0 12 2.0 12 2.5	A49
[SRFC]	10.08- 10.08-	113958 115499	14 150 14 150 A49	A25	10.08- 10.08-	115510 116708	12 2.0 12 2.0	A49
[SRFD]	10.08- 10.08-	113958 115499	14 150 14 150 A49	A25	10.08- 10.08-	115510 116708	12 2.0 12 2.0	A49
[SRFE]	10.08- 10.08-	113958 115499	14 150 14 150 A49	A25	10.08- 10.08- 10.08-	115510 116708 116758	12 2.0 12 2.0 12 2.2	A49
[UHFA]	10.07- 10.07-	113958 115499	14 150 14 150 A49	A25	10.07- 10.07-	115510 116708	12 2.0 12 2.0	A49
[UHFB]	09.11- 12.13 09.11- 12.13	115461 116061	14 150 14 150 A49		09.11- 12.13 09.11- 12.13	116516 116065	12 2.2 12 2.5	
[UHFC]	10.07- 10.07-	113958 115499	14 150 14 150 A49	A25	10.07- 10.07-	115510 116708	12 2.0 12 2.0	A49
[USF6]	05.14- 05.14-	115461 116061	14 150 14 150 A49	A25	05.14- 05.14-	116247 115986	12 2.2 12 2.5	VA



	[USR6]	08.13-05.14-	116782 115576	14 210 14 150		08.13-05.14-05.14-	115870 116516 115732	12 2.1 12 2.2 12 1.7	A49
	[USRA]	09.11-	115576	14 150		09.11-09.11-	116758 115732	12 2.2 12 1.7	
	[USRB]	09.11-	115576	14 150		09.11-09.11-	116516 115732	12 2.2 12 1.7	
	[UYR6]	08.13-05.14-	116782 115576	14 210 14 150		08.13-05.14-05.14-	115870 116516 115732	12 2.1 12 2.2 12 1.7	A49
Transit 2.2 TDCi 4x4	[CV24]	08.13-05.14-	116782 115576	14 210 14 150		08.13-05.14-05.14-	115870 116516 115732	12 2.1 12 2.2 12 1.7	A49
	[CVR5]	08.13-05.14-	116782 115576	14 210 14 150		08.13-05.14-05.14-	115870 116516 115732	12 2.1 12 2.2 12 1.7	A49
	[CY24]	08.13-05.14-	116782 115576	14 210 14 150		08.13-05.14-05.14-	115870 116516 115732	12 2.1 12 2.2 12 1.7	A49
	[CYR5]	08.13-05.14-	116782 115576	14 210 14 150		08.13-05.14-05.14-	115870 116516 115732	12 2.1 12 2.2 12 1.7	A49
	[CYR5, CY24]	08.13-	116782	14 210		08.13-	115870	12 2.1	A49
	[CYRB]	10.11-	115576	14 150		10.11-10.11-	116758 115732	12 2.2 12 1.7	
	[CYRC]	10.11-	115576	14 150		10.11-10.11-	116758 115732	12 2.2 12 1.7	
Transit 2.2 TDCi Custom	[CVFF]	12.12-12.12-	115461 116061	14 150 14 150 A49		12.12-12.12-	116247 115986	12 2.2 12 2.5	VA
	[CYF4]	12.12-12.12-	115461 116061	14 150 14 150 A49	A25	12.12-12.12-	116247 115986	12 2.2 12 2.5	VA
	[DRF4]	12.12-12.12-	115461 116061	14 150 14 150 A49	A25	12.12-12.12-	116247 115986	12 2.2 12 2.5	VA
	[UHR5]	08.13-08.13-	115576 116782	14 150 14 210		08.13-08.13-08.13-	116516 115870 115732	12 2.2 12 2.1 12 1.7	A49
Transit 2.2 TDCi Tourneo	[USRA, USRB]	10.11-	115576	14 150		10.11-	116516	12 2.2	
	[PGFA]	10.07-10.07-	113958 115499	14 150 14 150 A49		10.07-10.07-	115510 116708	12 2.0 12 2.0	A49
	[PGFB]	10.07-10.07-	113958 115499	14 150 14 150 A49	A25	10.07-10.07-	115510 116708	12 2.0 12 2.0	A49
	[QVFA]	07.06-07.06-	113958 115499	14 150 14 150 A49		07.06-07.06-	115510	12 2.0	A49
	[QWFA]	07.06-07.06-	113958 115499	14 150 14 150 A49		07.06-07.06-	115510	12 2.0	A49
	[SRFA]	10.08-10.08-	113958 115499	14 150 14 150 A49		10.08-10.08-	115510	12 2.0	A49
	[SRFB]	10.08-10.08-	113958 115499	14 150 14 150 A49	A25	10.08-10.08-	115510 116708	12 2.0 12 2.0	A49
	[SRFC]	10.08-10.08-	113958 115499	14 150 14 150 A49	A25	10.08-10.08-	115510 116708	12 2.0 12 2.0	A49
	[SRFD]	10.08-10.08-	113958 115499	14 150 14 150 A49	A25	10.08-10.08-	115510 116708	12 2.0 12 2.0	A49
	[SRFE]	10.08-10.08-	113958 115499	14 150 14 150 A49	A25	10.08-10.08-	115510 116708	12 2.0 12 2.0	A49
		11.71- 03.78 05.72- 03.78	110178 110759	14 36 14 35		11.71- 03.78	110461	12 2.8	
Transit 2.3 16V	[E5FA]	04.01-	113621	14 115		04.01-	115510	12 2.0	A49
	[E5FC]	04.01-	113621	14 115		04.01-	115510	12 2.0	A49
Transit 2.4 Diesel Di	[D2FA]	01.00-03.00-	113913 113285	14 110 14 75		01.00-03.00-	115510 113959	12 2.0 12 2.0	A49
	[D2FB]	01.00-	113913	14 110		01.00-	115510	12 2.0	A49
	[D2FE]	01.00-03.00-	113913 113285	14 110 14 75		01.00-03.00-	115510 115870 113959	12 2.0 12 2.1 12 2.0	A49
	[D4FA]	01.00-03.00-	113913 113285	14 110 14 75		01.00-03.00-	115510 113959	12 2.0 12 2.0	A49
	[F4FA]	01.00-03.00-	113913 113285	14 110 14 75		01.00-03.00-	115510 115870 113959	12 2.0 12 2.1 12 2.0	A49
Transit 2.4 Diesel	[4AA]	01.77- 05.84 11.77- 09.85 RHD 11.77- 09.85	110759 111185 110178	14 35 14 43 14 36	A47	01.77- 05.84	110461	12 2.8	
Transit 2.4 TDCi	[H9FA]	03.04-	113285	14 75		03.04-03.04-	113959 115870	12 2.0 12 2.1	A49
	[H9FB]	07.06-	114064	14 150		07.06-	115510	12 2.0	A49
	[H9FD]	07.06-	114064	14 150		07.06-	115510	12 2.0	A49
	[JXFA]	07.06-	114064	14 150		07.06-	115510	12 2.0	A49
	[JXFC]	04.06-	114064	14 150		04.06-	115510	12 2.0	A49
	[PHFA]	07.06-	114064	14 150		07.06-	115510	12 2.0	A49
	[PHFC]	07.06-	114064	14 150		07.06-	115510	12 2.0	A49
Transit 2.4 TDCi 4x4	[H9FB]	11.06-	114064	14 150		11.06-	115510	12 2.0	A49
Transit 2.4 TDE	[DOFA]	07.01-11.01-	113913 113285	14 110 14 75		07.01-11.01-	115510 113959	12 2.0 12 2.0	A49
	[FXFA]	03.04-	113285	14 75		03.04-	113959	12 2.0	
	[DOFA]	07.01-11.01-	113913 113285	14 110 14 75		07.01-11.01-	115510 113959	12 2.0 12 2.0	A49
Transit 2.5 Di Tourneo	[4FA]	11.94- 12.00	115890	14 70		11.94- 12.00	116065	12 2.5	
	[4FB]	11.94- 12.00	115890	14 70		11.94- 12.00	116065	12 2.5	
	[4FC]	11.94- 12.00	115890	14 70		11.94- 12.00	116065	12 2.5	
	[4FD]	11.94- 12.00	115890	14 70		11.94- 12.00	116065	12 2.5	
	[4HA]	11.94- 12.00	115890	14 70		11.94- 12.00	116065	12 2.5	
	[4HB]	11.94- 12.00	115890	14 70		11.94- 12.00	116065	12 2.5	
	[4HC]	11.94- 12.00	115890	14 70		11.94- 12.00	116065	12 2.5	

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Transit 2.5 Diesel Di	[4BC]	05.91- 06.94	115890	14	70	A49	05.91- 06.94	116247	12	2.2	VA
		08.91- 08.94	111623	14	70		08.91- 08.94	112251	12	2.3	
		08.91- 08.94	111742	14	70		08.91- 08.94	113959	12	2.0	
		08.97-	111797	14	95		08.91- 07.94	116065	12	2.5	
							09.91- 07.94	110336	12	0.75	
							08.94- 07.97	112821	12	2.2	
							08.94- 07.97	113906	12	1.2	
	[4CC]	05.91- 06.94	115890	14	70	A49	05.91- 06.94	116247	12	2.2	VA
		08.91- 08.94	111623	14	70		08.91- 08.94	112251	12	2.3	
08.91- 08.94		111742	14	70		08.91- 08.94	113959	12	2.0		
08.97-		111797	14	95		08.91- 07.94	116065	12	2.5		
						09.91- 07.94	110336	12	0.75		
						08.94- 07.97	112821	12	2.2		
						08.94- 07.97	113906	12	1.2		
[4DA]	05.91- 06.94	115890	14	70	A49	05.91- 06.94	116247	12	2.2	VA	
	09.91- 07.97	111623	14	70		09.91- 07.97	112821	12	2.2		
	09.91- 07.97	111742	14	70		09.91- 08.94	112251	12	2.3		
						09.91- 08.94	113959	12	2.0		
						09.91- 07.94	116065	12	2.5		
[4ED]	05.99- 03.00	111797	14	95		05.99- 03.00	113959	12	2.0		
[4FA]	05.91- 06.94	115890	14	70	A49	05.91- 06.94	116247	12	2.2	VA	
	08.91- 07.94	111623	14	70		08.91- 07.94	112251	12	2.3		
	08.91- 07.94	111742	14	70		08.91- 07.97	112821	12	2.2		
	08.97-	111797	14	95		08.91- 07.94	113959	12	2.0		
						08.91- 07.97	113906	12	1.2		
						08.91- 07.94	116065	12	2.5		
						09.91- 07.97	110336	12	0.75		
						04.97- 07.97	110461	12	2.8		
[4FB]	06.94- 03.00	115890	14	70	A49	06.94- 03.00	116247	12	2.2	VA	
	07.94- 07.97	111623	14	70		07.94- 07.97	112821	12	2.2		
	07.94- 07.97	111742	14	70		07.94- 07.97	113906	12	1.2		
	08.97-	111797	14	95		08.94- 07.97	113959	12	2.0		
						04.97- 07.97	110461	12	2.8		
						04.97- 07.97	112251	12	2.3		
[4FC]	06.94- 03.00	115890	14	70	A49	06.94- 03.00	116247	12	2.2	VA	
	07.94- 07.97	111623	14	70		07.94- 07.97	112251	12	2.3		
	07.94- 07.97	111742	14	70		07.94- 07.97	113959	12	2.0		
	08.97-	111797	14	95		08.94- 07.97	112821	12	2.2		
						08.94- 03.00	116065	12	2.5		
						04.97- 07.97	110461	12	2.8		
[4FD]	06.94- 03.00	115890	14	70	A49	08.91- 07.97	112251	12	2.3		
	08.91- 07.97	111623	14	70		08.91- 07.97	113959	12	2.0		
	08.91- 07.97	111742	14	70		06.94- 03.00	116065	12	2.5		
	08.97-	111797	14	95		08.94- 03.00	116247	12	2.2	VA	
						04.97- 07.97	112821	12	2.2		
[4GA]	08.97-	111797	14	95		10.92- 06.94	116247	12	2.2	VA	
	10.92- 06.94	115890	14	70	A49	11.92- 07.97	112251	12	2.3		
	11.92- 07.97	111623	14	70		11.92- 07.97	113959	12	2.0		
	11.92- 07.97	111742	14	70		11.92- 08.94	116065	12	2.5		
						09.94- 06.97	112821	12	2.2		
[4GB]	08.94- 07.97	111623	14	70		10.92- 06.94	116247	12	2.2	VA	
	08.94- 07.97	111742	14	70		08.94- 07.97	112821	12	2.2		
	08.97- 08.00	111797	14	95		08.94- 07.97	112251	12	2.3		
	10.92- 06.94	115890	14	70	A49	08.94- 07.97	113906	12	1.2		
						08.97- 08.00	113959	12	2.0		
[4GC]	08.94- 07.97	111623	14	70		10.92- 06.94	116247	12	2.2	VA	
	08.94- 07.97	111742	14	70		08.94- 07.97	112821	12	2.2		
	08.97- 08.00	111797	14	95		08.94- 07.97	112251	12	2.3		
	10.92- 06.94	115890	14	70	A49	08.94- 07.97	113906	12	1.2		
						08.97- 08.00	113959	12	2.0		
[4HB]	06.94- 07.97	111623	14	70		06.94- 07.97	110336	12	0.75		
	06.94- 07.97	111742	14	70		06.94- 07.97	112251	12	2.3		
	06.94- 03.00	115890	14	70	A49	06.94- 03.00	116247	12	2.2	VA	
	08.97-	111797	14	95		07.94- 07.97	110461	12	2.8		
						07.94- 07.97	112821	12	2.2		
						08.97-	113959	12	2.0		
[4HC]	06.94- 07.97	111623	14	70		06.94- 07.97	112821	12	2.2		
	06.94- 07.97	111742	14	70		06.94- 07.97	113959	12	2.0		
	06.94- 03.00	115890	14	70	A49	06.94- 03.00	116065	12	2.5		
	08.97-	111797	14	95		07.94- 07.97	112251	12	2.3		
Transit 2.5 Diesel	[4AB]	10.83- 02.86	110759	14	35		10.83- 02.86	110461	12	2.8	
		01.86- 01.89	110607	14	70						
		02.86- 08.91	110607	14	70		02.86- 08.91	110461	12	2.8	
		02.86- 08.91	110607	14	70		02.86- 08.91	110461	12	2.8	
	[4ED]	08.97-	111797	14	95		08.97-	113959	12	2.0	
Transit 2.5 DTi	[4HC]	07.94- 07.97	111623	14	70		07.94- 07.97	112821	12	2.2	
		07.94- 07.97	111742	14	70		07.94- 07.97	113959	12	2.0	
		07.94- 03.00	115890	14	70	A49	07.94- 03.00	116247	12	2.2	VA
		08.97-	111797	14	95						
Transit 2.5 TD	[4EA]	05.91- 06.94	115890	14	70	A49	05.91- 06.94	116247	12	2.2	VA
		09.91- 07.94	111623	14	70		09.91- 07.94	112821	12	2.2	
		09.91- 07.94	111742	14	70		09.91- 08.94	112251	12	2.3	
							09.91- 08.94	113906	12	1.2	
							09.91- 08.94	113959	12	2.0	
							09.91- 07.94	116065	12	2.5	
	[4EB]	05.91- 06.94	115890	14	70	A49	05.91- 06.94	116247	12	2.2	VA
		07.94- 07.97	111623	14	70		07.94- 07.97	110831	12	0.8	
		07.94- 07.97	111742	14	70		07.94- 07.97	112251	12	2.3	
		08.97- 08.00	111797	14	95		08.94- 07.97	112821	12	2.2	
							08.94- 07.97	113906	12	1.2	
							08.97- 08.00	113959	12	2.0	
	[4EC]	07.94- 03.00	115890	14	70	A49	08.91- 07.97	110842	12	1.4	
		07.97-	111797	14	95		08.91- 07.97	112251	12	2.3	
		08.91- 07.97	111623	14	70		09.91- 08.94	112821	12	2.2	
		08.91- 07.97	111742	14	70		07.94- 03.00	116247	12	2.2	VA
					07.97-	113959	12	2.0			



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	[4GA]	08.97- 10.92- 07.94 10.92- 07.94 10.92- 07.94	111797 111623 111742 115890	14 95 14 70 14 70 14 70 A49		10.92- 07.94 10.92- 07.94 10.92- 07.94 07.94- 07.97 08.94- 03.00 01.95- 07.97	112251 113959 116065 112821 116247 110461	12 2.3 12 2.0 12 2.5 12 2.2 12 2.2 12 2.8	VA	
	[4GB]	06.94- 07.97 06.94- 07.97 08.97- 10.92- 07.94	111623 111742 111797 115890	14 70 14 70 14 95 14 70 A49		10.92- 07.94 06.94- 07.97 06.94- 07.97 06.94- 03.00 07.94- 07.97 08.94- 07.97 01.95- 07.97	116065 110336 112251 116247 112821 113959 110461	12 2.5 12 0.75 12 2.3 12 2.2 12 2.2 12 2.0 12 2.8	VA	
	[4GC]	06.94- 07.97 06.94- 07.97 08.97- 10.92- 07.94	111623 111742 111797 115890	14 70 14 70 14 95 14 70 A49		10.92- 07.94 06.94- 07.97 06.94- 07.97 06.94- 03.00 07.94- 07.97 08.94- 07.97	116065 110336 112251 116247 112821 113959	12 2.5 12 0.75 12 2.3 12 2.2 12 2.2 12 2.0	VA	
	[4GD]	06.94- 07.97 06.94- 07.97 06.94- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 A49 14 95		06.94- 07.97 06.94- 07.97 06.94- 03.00 01.95- 07.97	112251 113959 116065 112821	12 2.3 12 2.0 12 2.5 12 2.2		
	[4GE]	06.94- 07.97 06.94- 07.97 06.94- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 A49 14 95		06.94- 07.97 06.94- 07.97 06.94- 03.00 01.95- 07.97	112251 113959 116065 112821	12 2.3 12 2.0 12 2.5 12 2.2		
	[4GF]	06.94- 07.97 06.94- 07.97 06.94- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 A49 14 95		06.94- 07.97 06.94- 07.97 06.94- 03.00 01.95- 07.97	112251 113959 116065 112821	12 2.3 12 2.0 12 2.5 12 2.2		
	[4HA]	10.98-	111797	14 95		10.98-	113959	12 2.0		
	[4HD]	10.98-	111797	14 95		10.98-	113959	12 2.0		
	Transit 2.5 TD Tourneo	[4EB]	04.98- 12.00	115890	14 70		04.98- 12.00	116065	12 2.5	
		[4EC]	04.98- 12.00	115890	14 70		04.98- 12.00	116065	12 2.5	
		[4GA]	11.94- 12.00	115890	14 70		11.94- 12.00	116065	12 2.5	
		[4EB]	06.94- 03.00 09.95- 07.97 09.95- 07.97 08.97-	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95		06.94- 03.00 09.95- 07.97 09.95- 07.97 08.97-	116247 110336 112251 113959	12 2.2 12 0.75 12 2.3 12 2.0	VA
	Transit 2.5 TDI	[4EC]	06.94- 03.00 09.95- 07.97 09.95- 07.97 08.97-	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95		06.94- 03.00 09.95- 07.97 09.95- 07.97 08.97-	116065 112251 113959	12 2.5 12 2.3 12 2.0	
		[SAFA]	09.07-	114064	14 150		09.07-	115510	12 2.0	A49
		[SAFB]	09.07-	114064	14 150		09.07-	115510	12 2.0	A49
		Transit Box 2.0 TDCi 4x4	[YMR6]					01.17-	116758	12 2.2
	[YNR6]						01.17-	116758	12 2.2	
	Transit Box 2.2 TDCi RWD	[UHR5]	08.13- 08.13-	115576 116782	14 150 14 210	A25 A25	08.13- 08.13- 08.13-	115732 116708 116516	12 1.7 12 2.0 12 2.2	
		[M2GA]	11.13- 11.13-	115933 116222	14 150 12 120		11.13-	116062	12 1.2	
		[XUGA]	08.15- 08.15-	114724 115459	14 150 14 120		08.15- A25 08.15- 08.15-	113910 116316 116062	12 1.4 12 2.0 12 1.2	
Transit Connect 1.5 TDCi	[XVGA]	05.15- 05.15-	114724 115459	14 150 14 120		05.15- A25 05.15- 05.15-	113910 116316 116062	12 1.4 12 2.0 12 1.2		
	[XVGB]	05.15- 05.15-	114724 115459	14 150 14 120		05.15- A25 05.15- 05.15-	113910 116316 116062	12 1.4 12 2.0 12 1.2		
	[XVGC]	05.15- 05.15-	114724 115459	14 150 14 120		05.15- A25 05.15- 05.15-	113910 116316 116062	12 1.4 12 2.0 12 1.2		
	[XWGA]	05.15- 05.15-	114724 115459	14 150 14 120		05.15- A25 05.15- 05.15-	113910 116316 116062	12 1.4 12 2.0 12 1.2		
	[XWGB]	05.15- 05.15-	114724 115459	14 150 14 120		05.15- A25 05.15- 05.15-	113910 116316 116062	12 1.4 12 2.0 12 1.2		
	[T1GA]	09.13- 09.13-	114724 115459	14 150 14 120		09.13- A25 09.13- 09.13-	113910 116316 116062	12 1.4 12 2.0 12 1.2		
	[TZGA]	09.13- 09.13-	114724 115459	14 150 14 120		09.13- A25 09.13- 09.13-	113910 116316 116062	12 1.4 12 2.0 12 1.2		
	[TZGB]	09.13- 09.13-	114724 115459	14 150 14 120		09.13- A25 09.13- 09.13-	113910 116316 116062	12 1.4 12 2.0		
	[UBGA]	09.13- 09.13-	114724 115459	14 150 14 120		09.13- A25 09.13- 09.13-	113910 116316 116062	12 1.4 12 2.0 12 1.2		
	Transit Connect 1.6 TDCi	[T1GA]	09.13- 09.13-	114724 115459	14 150 14 120		09.13- A25 09.13- 09.13-	113910 116316 116062	12 1.4 12 2.0 12 1.2	
		[TZGA]	09.13- 09.13-	114724 115459	14 150 14 120		09.13- A25 09.13- 09.13-	113910 116316 116062	12 1.4 12 2.0 12 1.2	
	Transit Connect 1.8 16V LPG	[EYPC]	06.02-	113710	14 125		06.02-	113908	12 1.2	A49
[HCPA]		06.02-	113710	14 125		06.02-	112235	12 1.4		
Transit Connect 1.8 TD	[HCPB]	06.02-	113710	14 125		06.02-	113908	12 1.2	A49	
	[P9PA]	06.02-	113710	14 125		06.02-	113910	12 1.4		
	[P9PB]	06.02-	113710	14 125		06.02-	113910	12 1.4		
	[P9PC]	06.02-	113710	14 125		06.02-	113910	12 1.4		
	[P9PD]	06.02-	113710	14 125		06.02-	113910	12 1.4		
	[R3PA]	06.02-	113710	14 125		06.02-	113910	12 1.4		
	[RWPE]	06.02-	113710	14 125		06.02-	113910	12 1.4		
	[RWPF]	06.02-	113710	14 125		06.02-	113910	12 1.4		
	Transit Connect 1.8 TDCi	[HCPA]	09.02-	113710	14 125		09.02-	112235	12 1.4	
		[P9PA]	06.02-	113710	14 125		06.02-	113908	12 1.2	A49
[P9PB]		06.02-	113710	14 125		06.02-	113908	12 1.2	A49	
[P9PC]		06.02-	113710	14 125		06.02-	113908	12 1.2	A49	
[P9PD]		06.02-	113710	14 125		06.02-	113908	12 1.2	A49	
[R3PA]		06.02-	113710	14 125		06.02-	113908	12 1.2	A49	
[RWPE]		06.02-	113710	14 125		06.02-	113908	12 1.2	A49	



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Transit Connect 1.8 TDCi DPf	[RWPA]	08.06-	113710	14	125		08.06-	113908	12	1.2	A49
	[RWPC]	08.06-	113710	14	125		08.06-	113908	12	1.2	A49
	[RWPD]	08.06-	113710	14	125		08.06-	113908	12	1.2	A49
Transit Connect 1.8 TDDi	[BHPA]	06.02-	113710	14	125		06.02-	112235	12	1.4	
							06.02-	113908	12	1.2	A49
	[P7PA]	06.02-	113710	14	125		06.02-	113908	12	1.2	A49
							06.02-	113910	12	1.4	
	[P7PB]	06.02-	113710	14	125		06.02-	113908	12	1.2	A49
Transit Connect 1.8 16V							06.02-	113910	12	1.4	
	[R2PA]	06.02-	113710	14	125		06.02-	113908	12	1.2	A49
							06.02-	113910	12	1.4	
	[EYPA]	09.02-	113710	14	125		09.02-	112235	12	1.4	
	[EYPC]	06.02-	113710	14	125		06.02-	113908	12	1.2	A49
Transit Connect Box 1.5 TDCi		AC					06.02-	112235	12	1.4	
	[EYPD]	06.02-	113710	14	125		06.02-	113908	12	1.2	A49
	[XUGA]	08.15- 08.15-	114724 115459	14	150 120		08.15- A25 08.15- 08.15-	113908 116316 116062	12	1.2 2.0 1.2	A49
Transit Courier 1.0 EcoBoost	[SFCA]	02.14- 02.14-	115456 116221	14	150 120		02.14- 02.14-	115555 116159	12	1.0 1.4	
	[SFCB]	02.14- 02.14-	115456 116221	14	150 120		02.14- 02.14-	115555 116159	12	1.0 1.4	
	[SFCC]	02.14- 02.14-	115456 116221	14	150 120		02.14- 02.14-	115555 116159	12	1.0 1.4	
	[SFCD]	02.14- 02.14-	115456 116221	14	150 120		A25 02.14- 02.14- 02.14-	116421 115555 116159	12	2.0 1.0 1.4	
Transit Courier 1.5 TDCi	[UGCA]	02.14- 02.14-	114724 115459	14	150 120		02.14- A25 02.14-	113905 116421	12	1.4 2.0	A49
	[UGCB]	02.14- 02.14-	114724 115459	14	150 120		02.14- A25 02.14-	113905 116421	12	1.4 2.0	A49
	[XVCA]	05.15- 05.15-	114724 115459	14	150 120		05.15- A25 05.15-	113905 116421	12	1.4 2.0	A49
	[XVCB]	05.15- 05.15-	114724 115459	14	150 120		05.15- A25 05.15- 05.15-	113905 116421 116159	12	1.4 2.0 1.4	A49
Transit Courier 1.6 TDCi	[T3CA]	02.14- 02.14-	114724 115459	14	150 120		02.14- A25 02.14-	113905 116421	12	1.4 2.0	A49
	[T3CB]	02.14- 02.14-	114724 115459	14	150 120		02.14- A25 02.14- 02.14-	113905 116421 116159	12	1.4 2.0 1.4	A49
	[T3CC]	02.14- 02.14-	114724 115459	14	150 120		02.14- A25 02.14- 02.14-	113905 115555 116421	12	1.4 1.0 2.0	A49
Transit Courier Kombi 1.5 TDCi	[XXCA, XXCB, XXCC]	04.18-	114724	14	150						
Transit Custom 2.0 TDCi	[YLF6]	12.15-	116606	14	240		A25 12.15- 12.15-	116708 116758	12	2.0 2.2	
	[YLF5]	12.15-	116606	14	240		A25 12.15- 12.15-	116708 116758	12	2.0 2.2	
	[YMF6]	12.15-	116606	14	240		A25 12.15- 12.15-	116708 116758	12	2.0 2.2	
	[YMF5]	12.15-	116606	14	240		A25 12.15- 12.15-	116708 116758	12	2.0 2.2	
	[YNF6]	12.15-	116606	14	240		A25 12.15- 12.15-	116708 116758	12	2.0 2.2	
	[YNF5]	12.15-	116606	14	240		A25 12.15- 12.15-	116708 116758	12	2.0 2.2	
Transit Tourneo 2.0 Diesel	[D3FA]	06.00- 08.03	113298	14	105		06.00- 08.03	112821	12	2.2	
Transit Tourneo 2.2 Diesel	[FIFA]	03.02- 03.06	113298	14	105		03.02- 03.06	112821	12	2.2	
	[CYFA]	10.11- 08.14	115461	14	150		A25 10.11- 08.14	113959 115986	12	2.0 2.5	
	[CYFB]	10.11- 08.14	115461	14	150		A25 10.11- 08.14	113959 115986	12	2.0 2.5	
Various Models							04.72- 12.86	110461	12	2.8	
							01.71-	110462	12	2.8	
							01.76- 01.88	110831	12	0.8	
							01.86- 12.94	110842	12	1.4	
							01.71- 01.82	110336	12	0.75	
							10.98-	111906	12	1.1	
								116137	12	2.8	A49
PASSENGER CARS US											
300 4.3						01.63- 01.63	110225	12			
Aerostar 2.3		01.86- 01.88	112834	14	145		01.86- 01.88	112016	12		
							01.86- 01.87	112963	12	1.4	
Aerostar 3.0		01.86- 01.88	112834	14	145		01.86- 01.88	111844	12	1.4	
Aspire 1.3							01.94- 01.97	110807	12	0.85	
							01.94- 01.97	110808	12	0.85	
Aspire 1.3 SE							01.94- 01.95	110807	12	0.85	
							01.94- 01.95	110808	12	0.85	
Bronco 2.8							01.84- 01.85	112016	12		
		01.84- 01.85	110237	14	60		01.84- 01.85	110225	12		
Bronco 2.9							01.86- 01.90	112016	12		
		01.86- 01.90	110237	14	60		01.86- 01.90	110225	12		
Bronco 4.7							01.66- 01.67	110225	12		
Bronco 4.9		01.80- 01.82	110237	14	60		01.80- 01.82	110225	12		
Bronco 5.0		01.77- 01.77	110237	14	60		01.77- 01.77	111183	12	1.4	
							01.80- 01.84	110225	12		
Bronco 5.8							01.88- 01.91	110225	12		
		01.78- 01.85	110237	14	60		01.78- 01.85	111183	12	1.4	
		01.91-	111220	14	105						
Bronco 6.6		01.78- 01.79	110237	14	60		01.78- 01.79	111183	12	1.4	
Club 4.3							01.63- 01.64	110225	12		
Contour 2.0							01.97- 01.98	112340	12	1.4	
							01.97- 01.98	112235	12	1.4	
Contour 2.0 GL							01.95- 01.98	112340	12	1.4	
							01.95- 01.98	112235	12	1.4	



Contour 2.0 LX				01.95- 01.98	112340	12	1.4
				01.95- 01.98	112235	12	1.4
Contour 2.0 SE				01.98- 01.98	112340	12	1.4
				01.98- 01.98	112235	12	1.4
Contour 2.0 Sport				01.96- 01.96	112340	12	1.4
				01.96- 01.96	112235	12	1.4
Contour 2.5	01.98-	112939	14 130	01.98-	111374	12	1.5
Contour 2.5 GL	01.95- 01.98	112939	14 130	01.95- 01.98	111374	12	1.5
Contour 2.5 LX	01.95- 01.98	112939	14 130	01.95- 01.98	111374	12	1.5
Contour 2.5 SE	01.95- 01.98	112939	14 130	01.95- 01.98	111374	12	1.5
Contour 2.5 Sport	01.96- 01.97	112939	14 130	01.96- 01.97	111374	12	1.5
Contour 2.5 SVT	01.98- 01.98	112939	14 130	01.98- 01.98	111374	12	1.5
Country 3.9				01.69- 01.69	110225	12	
Country 4.3				01.63- 01.64	110225	12	
Country 4.7				01.63- 01.67	110225	12	
Country 5.0				01.71- 01.71	110225	12	
Country 5.8				01.69- 01.74	110225	12	
Country 6.6				01.71- 01.74	110228	12	
	01.71- 01.74	110237	14 60	01.71- 01.74	110225	12	
Country 7.0				01.69- 01.71	110228	12	
Country 7.5	01.72- 01.74	110237	14 60	01.72- 01.74	110225	12	
Country Squire 4.3				01.63- 01.64	110225	12	
Country Squire 4.7				01.63- 01.67	110225	12	
Country Squire 5.0				01.68- 01.70	110225	12	
	01.79- 01.79	110237	14 60	01.79- 01.79	111183	12	1.4
Country Squire 5.0 LX				01.90- 01.91	111183	12	1.4
Country Squire 5.8				01.69- 01.74	110225	12	
	01.79- 01.79	110237	14 60	01.79- 01.79	111183	12	1.4
Country Squire 6.6				01.71- 01.76	110228	12	
	01.71- 01.76	110237	14 60	01.71- 01.76	111183	12	1.4
Country Squire 7.0				01.69- 01.71	110228	12	
Country Squire 7.5	01.72- 01.76	110237	14 60	01.72- 01.76	111183	12	1.4
Crown Victoria 4.6	01.99- 01.02	112942	14 130	01.99- 01.02	112646	12	1.4
	01.99- 01.02	112947	14 135				
Crown Victoria 4.6 Police Interceptor				01.96- 01.98	112646	12	1.4
Crown Victoria 4.6 S				01.96- 01.96	112646	12	1.4
Crown Victoria 4.6	01.99- 01.02	112942	14 130	01.99- 01.02	112646	12	1.4
	01.99- 01.02	112947	14 135				
Crown Victoria 4.6 LX				01.97- 01.98	112646	12	1.4
Crown Victoria 4.6 Police Interceptor	01.97- 01.98	112947	14 135	01.97- 01.98	112646	12	1.4
Crown Victoria 4.6 S	01.97- 01.98	112947	14 135	01.97- 01.98	112646	12	1.4
Custom 3.9 500				01.68- 01.70	110225	12	
Custom 4.3				01.64- 01.64	110225	12	
Custom 5.0 500				01.68- 01.71	110225	12	
Custom 5.8 500				01.69- 01.74	110225	12	
	01.75- 01.76	110237	14 60	01.75- 01.76	110228	12	
Custom 6.6				01.71- 01.72	110228	12	
	01.71- 01.72	110237	14 60	01.71- 01.72	110225	12	
Custom 6.6 500				01.71- 01.77	110228	12	
	01.71- 01.77	110237	14 60	01.71- 01.77	110225	12	
Custom 7.0				01.69- 01.71	110228	12	
Custom 7.0 500				01.69- 01.71	110228	12	
Custom 7.5 500	01.73- 01.76	110237	14 60	01.73- 01.76	110225	12	
E 5.4 Super Duty	01.97- 01.02	112940	14 95	01.97- 01.02	112646	12	1.4
E 5.4 Super Duty	01.97- 01.99	112940	14 95	01.97- 01.99	112646	12	1.4
E 6.8 Super Duty	01.97- 01.02	112940	14 95	01.97- 01.02	112646	12	1.4
E 100 4.9				01.78- 01.78	110225	12	
	01.72- 01.76	110237	14 60				
E 100 4.9 Club	01.74- 01.76	110237	14 60	01.74- 01.76	110225	12	
E 100 4.9				01.82- 01.82	110225	12	
	01.82- 01.82	110237	14 60				
E 100 5.0	01.79- 01.79	110237	14 60	01.79- 01.79	110225	12	
E 100 5.0 Club	01.79- 01.79	110237	14 60	01.79- 01.79	110225	12	
E 100 5.8	01.75- 01.79	110237	14 60	01.75- 01.79	110225	12	
E 100 5.8 Club	01.75- 01.79	110237	14 60	01.75- 01.79	110225	12	
E 100 7.5	01.78- 01.78	110237	14 60	01.78- 01.78	110225	12	
E 150 4.6	01.97- 01.98	112940	14 95				
E 150 4.6 Club	01.97- 01.98	112940	14 95				
E 150 4.9	01.75- 01.76	110237	14 60	01.75- 01.76	111183	12	1.4
				01.77- 01.79	110225	12	
				01.87- 01.91	112646	12	1.4
E 150 4.9 Club	01.75- 01.76	110237	14 60	01.75- 01.76	110225	12	
				01.87- 01.91	112646	12	1.4
E 150 4.9 Super	01.77- 01.79	110237	14 60	01.77- 01.79	110225	12	
				01.87- 01.91	112267	12	2.5
E 150 4.9	01.88- 01.88	110237	14 60	01.88- 01.88	111844	12	1.4
E 150 4.9 Super	01.83- 01.84	110237	14 60				
E 150 5.0	01.75- 01.75	110237	14 60	01.75- 01.75	111183	12	1.4
				01.79- 01.79	110225	12	
				01.86- 01.91	112646	12	1.4
E 150 5.0 Club	01.79- 01.79	110237	14 60	01.79- 01.79	110225	12	
				01.86- 01.91	112646	12	1.4
E 150 5.0 Super	01.79- 01.79	110237	14 60	01.79- 01.79	110225	12	
				01.86- 01.91	112646	12	1.4
E 150 5.4	01.97- 01.98	112940	14 95				
E 150 5.4 Club	01.97- 01.98	112940	14 95				
E 150 5.8	01.75- 01.87	110237	14 60	01.75- 01.87	111183	12	1.4
				01.80- 01.85	110225	12	
				01.88- 01.91	111844	12	1.4
E 150 5.8 Club	01.75- 01.87	110237	14 60	01.75- 01.87	110225	12	
E 150 5.8 Super	01.77- 01.87	110237	14 60	01.77- 01.87	110225	12	
E 150 6.9	01.84- 01.84	110237	14 60	01.84- 01.84	112646	12	1.4
E 150 7.5	01.76- 01.79	110237	14 60	01.76- 01.79	110225	12	
E 150 7.5 Club	01.77- 01.79	110237	14 60	01.77- 01.79	110225	12	
E 150 7.5 Super	01.79- 01.79	110237	14 60	01.79- 01.79	110225	12	
E 200 3.9 Chateau				01.71- 01.72	110225	12	
E 200 3.9 Club				01.68- 01.74	110225	12	
E 200 3.9 Custom				01.71- 01.72	110225	12	


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E 200 4.9					01.72- 01.74	110225	12	
		01.72- 01.74	110237	14 60				
E 200 4.9 Club					01.74- 01.74	110225	12	
		01.74- 01.74	110237	14 60				
E 200 5.0 Chateau					01.71- 01.72	110225	12	
E 200 5.0 Club					01.68- 01.74	110225	12	
E 200 5.0 Custom					01.71- 01.72	110225	12	
E 250 4.6		01.97- 01.98	112940	14 95				
E 250 4.6 Super		01.98- 01.98	112940	14 95				
E 250 4.9		01.75- 01.76	110237	14 60				
					01.75- 01.76	111183	12 1.4	
					01.77- 01.79	110225	12	
					01.83- 01.86	112646	12 1.4	
E 250 4.9 Club		01.77- 01.79	110237	14 60				
					01.77- 01.79	110225	12	
					01.83- 01.86	112646	12 1.4	
					01.87- 01.91	112267	12 2.5	
E 250 4.9 Super		01.78- 01.79	110237	14 60				
					01.78- 01.79	110225	12	
					01.83- 01.86	112646	12 1.4	
					01.87- 01.91	112267	12 2.5	
E 250 4.9		01.83- 01.84	110237	14 60				
E 250 4.9 Club		01.85-	110237	14 60				
E 250 4.9 Super		01.85-	110237	14 60				
E 250 5.0		01.75- 01.75	110237	14 60				
					01.75- 01.75	111183	12 1.4	
					01.79- 01.79	110225	12	
					01.86- 01.91	112646	12 1.4	
E 250 5.0 Club		01.79- 01.79	110237	14 60				
E 250 5.0 Super		01.80- 01.80	110237	14 60				
					01.80- 01.80	110225	12	
					01.86- 01.91	112646	12 1.4	
E 250 5.4		01.97- 01.98	112940	14 95				
E 250 5.4 Super		01.97- 01.98	112940	14 95				
E 250 5.4		01.97- 01.02	112940	14 95				
E 250 5.4 Super		01.97- 01.98	112940	14 95				
E 250 5.8		01.75- 01.87	110237	14 60				
					01.75- 01.87	111183	12 1.4	
					01.80- 01.85	110225	12	
					01.88- 01.91	112267	12 2.5	
E 250 5.8 Club		01.75- 01.87	110237	14 60				
E 250 5.8 Super		01.77- 01.87	110237	14 60				
E 250 6.6		01.80- 01.80	110237	14 60				
E 250 6.6 Club		01.80- 01.82	110237	14 60				
E 250 6.6 Super		01.80- 01.80	110237	14 60				
E 250 6.8		01.97- 01.97	112940	14 95				
E 250 6.8 Super		01.97- 01.97	112940	14 95				
E 250 6.9 Club		01.83- 01.87	110237	14 60				
E 250 6.9 Super		01.83- 01.84	110237	14 60				
					01.83- 01.87	112646	12 1.4	
E 250 7.5		01.75- 01.79	110237	14 60				
E 250 7.5 Club		01.75- 01.79	110237	14 60				
					01.75- 01.79	110225	12	
					01.82- 01.87	112646	12 1.4	
E 250 7.5 Super		01.78- 01.79	110237	14 60				
					01.78- 01.79	110225	12	
					01.81- 01.81	112646	12 1.4	
E 300 3.9 Chateau					01.71- 01.72	110225	12	
E 300 3.9 Club					01.68- 01.74	110225	12	
E 300 3.9 Custom					01.71- 01.72	110225	12	
E 300 4.9					01.72- 01.74	110225	12	
		01.72- 01.74	110237	14 60				
E 300 4.9 Club					01.72- 01.72	110225	12	
		01.72- 01.72	110237	14 60				
E 300 5.0 Chateau					01.71- 01.72	110225	12	
E 300 5.0 Club					01.68- 01.74	110225	12	
E 300 5.0 Custom					01.71- 01.72	110225	12	
E 350 4.9		01.75- 01.76	110237	14 60				
					01.75- 01.76	110225	12	
					01.83- 01.86	112646	12 1.4	
E 350 4.9 Super		01.78- 01.79	110237	14 60				
					01.78- 01.79	110225	12	
					01.80- 01.82	112646	12 1.4	
E 350 4.9		01.83- 01.84	110237	14 60				
E 350 4.9 Super		01.85-	110237	14 60				
E 350 5.0		01.75- 01.75	110237	14 60				
E 350 5.0 Super		01.79- 01.79	110237	14 60				
					01.75- 01.75	110225	12	
					01.79- 01.79	110225	12	
					01.80- 01.80	112646	12 1.4	
E 350 5.4		01.97- 01.99	112940	14 95				
E 350 5.4 HD Club		01.97- 01.99	112940	14 95				
E 350 5.4 Super		01.97- 01.99	112940	14 95				
E 350 5.4		01.97- 01.02	112940	14 95				
E 350 5.4 Super		01.97- 01.98	112940	14 95				
E 350 5.8		01.75- 01.87	110237	14 60				
					01.75- 01.87	110225	12	
					01.88- 01.91	112646	12 1.4	
E 350 5.8 Super		01.78- 01.87	110237	14 60				
					01.78- 01.87	110225	12	
					01.80- 01.85	112646	12 1.4	
					01.88- 01.91	112267	12 2.5	
E 350 6.6		01.80- 01.82	110237	14 60				
E 350 6.6 Super		01.80- 01.82	110237	14 60				
					01.80- 01.82	110225	12	
					01.80- 01.82	112646	12 1.4	
E 350 6.8		01.97- 01.98	112940	14 95				
E 350 6.8 HD Club		01.97- 01.98	112940	14 95				
E 350 6.8 Super		01.97- 01.98	112940	14 95				
E 350 6.9		01.83- 01.87	110237	14 60				
E 350 6.9 Super		01.83- 01.87	110237	14 60				
					01.83- 01.87	112646	12 1.4	
E 350 7.5		01.75- 01.79	110237	14 60				
					01.75- 01.79	110225	12	
					01.82- 01.87	112646	12 1.4	
					01.87- 01.91	112267	12 2.5	
E 350 7.5 Super		01.78- 01.79	110237	14 60				
					01.78- 01.79	110225	12	
					01.80- 01.81	112646	12 1.4	
					01.88- 01.91	112267	12 2.5	
E 450 5.4		01.03- 01.03	112940	14 95				
E 450 6.8		01.03- 01.03	112940	14 95				
Econoline 3.9					01.67- 01.67	110225	12	
Escape 2.0		01.01- 01.02	112958	14 110				
					01.01- 01.02	111374	12 1.5	
					01.04-	112340	12 1.4	
Escape 3.0		01.01- 01.02	112961	14 110				
					01.01- 01.02	112340	12 1.4	
					01.03- 01.03	112235	12 1.4	
Escort 1.6 GL		01.83- 01.83	110237	14 60				
Escort 1.6 L		01.83- 01.83	110237	14 60				



Escort 1.6	01.81- 01.82	110237	14	60	01.81- 01.82	112340	12	1.4
Escort 1.6 GL	01.83- 01.85	110237	14	60				
Escort 1.6 GLX	01.83- 01.83	110237	14	60				
Escort 1.6 GT	01.83- 01.83	110237	14	60				
Escort 1.6 L	01.83- 01.85	110237	14	60				
Excursion 7.3 Turbo	01.00- 01.00	112949	14	110	01.00- 01.00	113703	12	3.0
EXP 1.6	01.82- 01.83	110237	14	60				
Expedition 4.6					01.97- 01.98	112646	12	1.4
Expedition 5.4					01.97- 01.98	112646	12	1.4
Explorer 4.0	01.02- 01.02	112946	14	130				
Explorer 4.0	01.97- 01.98	112946	14	130				
Explorer 4.0 Sport	01.01- 01.02	112946	14	130				
Explorer 4.0 Sport Trac	01.01- 01.02	112946	14	130				
Explorer 4.6	01.02- 01.02	112942	14	130	01.02- 01.02	111844	12	1.4
Explorer 5.0	01.96- 01.98	112946	14	130				
F 100 4.2	01.81- 01.82	110237	14	60	01.81- 01.82	110225	12	
F 100 4.9	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
					01.83- 01.83	110228	12	
F 100 4.9 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
F 100 4.9	01.82- 01.82	110237	14	60	01.82- 01.82	110228	12	
F 100 5.0	01.69- 01.78	110237	14	60	01.69- 01.78	110225	12	
F 100 5.8	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
F 100 5.8 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
F 100 6.4	01.74- 01.76	110237	14	60	01.74- 01.76	110225	12	
F 100 6.6	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
F 100 6.6 Super Cab					01.77- 01.78	110228	12	
	01.77- 01.78	110237	14	60	01.77- 01.78	110225	12	
F 100 7.5	01.73- 01.77	110237	14	60	01.73- 01.77	110225	12	
F 150 4.6	01.97- 01.97	112940	14	95				
F 150 4.6 Super Cab	01.97- 01.00	112940	14	95				
F 150 4.9	01.75- 01.76	110237	14	60	01.75- 01.76	110627	12	2.5
					01.77- 01.79	110225	12	
					01.80- 01.82	110228	12	
					01.83- 01.86	112646	12	1.4
					01.87- 01.91	111844	12	1.4
F 150 4.9 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
					01.79- 01.79	110228	12	
					01.80- 01.82	112646	12	1.4
					01.87- 01.91	111844	12	1.4
F 150 4.9	01.82- 01.85	110237	14	60	01.82- 01.85	112646	12	1.4
F 150 4.9 Super Cab	01.84- 01.85	110237	14	60	01.84- 01.85	112646	12	1.4
F 150 5.0	01.75- 01.78	110237	14	60	01.75- 01.78	111183	12	1.4
					01.79- 01.79	110225	12	
					01.80- 01.85	110228	12	
					01.85- 01.91	112646	12	1.4
F 150 5.0 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
					01.80- 01.85	112646	12	1.4
					01.85- 01.91	112267	12	2.5
F 150 5.4	01.97- 01.97	112940	14	95				
F 150 5.4 Harley-Davidson Edition	01.01-	112940	14	95				
F 150 5.4 Super Cab	01.97- 01.97	112940	14	95				
F 150 5.4 Super Lightning	01.99- 01.02	112940	14	95				
F 150 5.4	01.98- 01.98	112940	14	95				
F 150 5.8	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
					01.80- 01.85	110228	12	
					01.84- 01.87	112646	12	1.4
F 150 5.8 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
					01.80- 01.85	112646	12	1.4
F 150 5.9	01.75- 01.76	110237	14	60	01.75- 01.76	111183	12	1.4
F 150 6.4	01.75- 01.75	110237	14	60	01.75- 01.75	111183	12	1.4
					01.75- 01.76	110225	12	
F 150 6.6	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
F 150 6.6 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
F 150 6.9	01.84- 01.84	110237	14	60	01.84- 01.84	112646	12	1.4
F 150 7.5	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12	
F 150 7.5 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
F 250 4.6	01.97- 01.97	112940	14	95	01.97- 01.97	112267	12	2.5
F 250 4.6 Super Cab	01.97- 01.97	112940	14	95	01.97- 01.97	112267	12	2.5
F 250 4.9	01.77- 01.79	110237	14	60	01.77- 01.79	110627	12	2.5
					01.78- 01.79	110225	12	
					01.87- 01.91	112646	12	1.4
F 250 4.9 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	111183	12	1.4
					01.79- 01.79	110225	12	
					01.83- 01.86	110228	12	
					01.87- 01.91	112646	12	1.4
F 250 4.9	01.84- 01.85	110237	14	60	01.84- 01.85	112646	12	1.4
F 250 5.0	01.72- 01.78	110237	14	60	01.72- 01.78	110627	12	2.5
					01.79- 01.79	110225	12	
					01.85- 01.91	112646	12	1.4
F 250 5.0 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	111183	12	1.4
					01.80- 01.83	110225	12	
F 250 5.4	01.97- 01.97	112940	14	95	01.97- 01.97	112267	12	2.5
F 250 5.4 Super Cab	01.97- 01.97	112940	14	95	01.97- 01.97	112267	12	2.5
F 250 5.4 Super Duty	01.99- 01.02	112940	14	95				
F 250 5.4	01.97- 01.98	112940	14	95	01.97- 01.98	112267	12	2.5
F 250 5.4 Super Cab	01.97- 01.97	112940	14	95	01.97- 01.97	112267	12	2.5
F 250 5.8	01.77- 01.79	110237	14	60	01.77- 01.79	110627	12	2.5
					01.80- 01.85	110225	12	
					01.84- 01.87	110228	12	
					01.88- 01.91	112646	12	1.4
F 250 5.8 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
					01.85- 01.87	112646	12	1.4
F 250 6.4	01.74- 01.76	110237	14	60	01.74- 01.76	110627	12	2.5
F 250 6.6	01.77- 01.79	110237	14	60	01.77- 01.79	110627	12	2.5
					01.80- 01.82	110225	12	
F 250 6.6 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
F 250 6.8 Super Duty	01.99- 01.02	112940	14	95				
F 250 6.9	01.83- 01.87	110237	14	60	01.83- 01.87	110225	12	
F 250 6.9 Super Cab	01.83- 01.87	110237	14	60	01.83- 01.87	110228	12	
F 250 7.3	01.88- 01.93	110237	14	60	01.88- 01.93	112646	12	1.4


FORD *Continued*

F 250 7.3 Super Cab	01.88- 01.93	110237	14	60	01.88- 01.93	112646	12	1.4
F 250 7.3 Turbo Super Duty	01.99- 01.00	112949	14	110				
F 250 7.5	01.73- 01.78	110237	14	60	01.73- 01.78	110627	12	2.5
					01.78- 01.79	110225	12	
					01.88- 01.91	112646	12	1.4
F 250 7.5 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
					01.83- 01.87	110228	12	
					01.88- 01.91	112646	12	1.4
F 350 4.9	01.77- 01.79	110237	14	60	01.77- 01.79	110627	12	2.5
					01.78- 01.79	110225	12	
					01.87- 01.91	110228	12	
F 350 4.9 Super Cab	01.79- 01.79	110237	14	60	01.79- 01.79	110225	12	
					01.79- 01.79	112267	12	2.5
F 350 4.9	01.84- 01.85	110237	14	60	01.84- 01.85	110225	12	
					01.82- 01.82	112267	12	2.5
F 350 5.0	01.72- 01.78	110237	14	60	01.72- 01.78	110627	12	2.5
					01.79- 01.79	110225	12	
F 350 5.0 Super Cab	01.79- 01.79	110237	14	60	01.79- 01.79	110225	12	
F 350 5.4 Super Duty	01.99- 01.02	112940	14	95				
F 350 5.8	01.77- 01.79	110237	14	60	01.77- 01.79	110627	12	2.5
					01.80- 01.85	110225	12	
					01.85- 01.87	110228	12	
					01.84-	112267	12	2.5
F 350 5.8 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110627	12	2.5
					01.80- 01.80	110225	12	
F 350 5.9	01.76-	110237	14	60	01.76-	110627	12	2.5
F 350 6.4	01.74- 01.76	110237	14	60	01.74- 01.76	110627	12	2.5
F 350 6.6	01.77- 01.79	110237	14	60	01.77- 01.79	110627	12	2.5
					01.80- 01.82	110225	12	
F 350 6.6 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110627	12	2.5
					01.80- 01.80	110225	12	
F 350 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112267	12	2.5
F 350 6.9	01.83- 01.87	110237	14	60	01.83- 01.87	110225	12	
F 350 7.3	01.88- 01.93	110237	14	60	01.88- 01.93	110228	12	
F 350 7.3 Super Cab	01.88- 01.93	110237	14	60	01.88- 01.93	112267	12	2.5
F 350 7.3 Turbo Super Duty	01.99- 01.00	112949	14	110				
F 350 7.5	01.73- 01.78	110237	14	60	01.73- 01.78	110627	12	2.5
					01.79- 01.79	110225	12	
					01.88- 01.91	112267	12	2.5
F 350 7.5 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
					01.88- 01.91	112267	12	2.5
F 450 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112267	12	2.5
F 450 7.3 Super Duty	01.90- 01.92	110237	14	60	01.90- 01.92	110627	12	2.5
F 450 7.3 Turbo Super Duty	01.94- 01.00	112949	14	110	01.94- 01.00	112267	12	2.5
F 450 7.5 Super Duty	01.90-	110237	14	60	01.90-	110627	12	2.5
F 53 7.5	01.89- 01.91	110237	14	60				
F 550 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	111844	12	1.4
F 550 7.3 Turbo Super Duty	01.99- 01.00	112949	14	110				
F 59 7.3					01.94- 01.94	112267	12	2.5
	01.89- 01.93	110237	14	60				
Fairlane 3.6					01.62- 01.63	110225	12	
Fairlane 4.1					01.69- 01.69	110225	12	
Fairlane 4.1 500					01.69- 01.70	110225	12	
Fairlane 4.3					01.62- 01.64	110225	12	
Fairlane 4.7					01.64- 01.67	110225	12	
Fairlane 5.8	01.89- 01.99	112993	14	130	01.89- 01.99	110225	12	
Fairlane 5.8 500					01.69- 01.70	110225	12	
Fairlane 7.0	01.89- 01.99	112993	14	130	01.89- 01.99	110225	12	
Fairmont 2.3	01.78- 01.83	110237	14	60	01.78- 01.83	110225	12	
Fairmont 2.3 Futura	01.80- 01.83	110237	14	60	01.80- 01.83	112963	12	1.4
Fairmont 3.3	01.78- 01.79	110237	14	60	01.78- 01.79	110225	12	
					01.80- 01.82	112963	12	1.4
Fairmont 3.3 Futura	01.80- 01.82	110237	14	60	01.80- 01.82	112963	12	1.4
Fairmont 4.2	01.80- 01.82	110237	14	60	01.80- 01.82	112963	12	1.4
Fairmont 4.2 Futura	01.80- 01.81	110237	14	60				
Fairmont 5.0	01.78- 01.79	110237	14	60	01.78- 01.79	110225	12	
Fairmont 5.0 Futura	01.78- 01.79	110237	14	60				
Falcon 3.3					01.68- 01.70	110225	12	
Falcon 3.3 Futura					01.68- 01.70	110225	12	
Falcon 4.1					01.70- 01.70	110225	12	
Falcon 4.1 Futura					01.70- 01.70	110225	12	
Falcon 4.3					01.63- 01.64	110225	12	
Falcon 4.3 Delivery					01.63- 01.64	110225	12	
Falcon 4.7					01.68- 01.68	110225	12	
Falcon 4.7 Delivery					01.65- 01.65	110225	12	
Falcon 4.7 Futura					01.68- 01.68	110225	12	
Falcon 5.0					01.68- 01.68	110225	12	
Falcon 5.0 Futura					01.68- 01.68	110225	12	
Festiva 1.3 GL					01.91- 01.93	110807	12	0.85
					01.91- 01.93	110808	12	0.85
Festiva 1.3 L					01.88- 01.89	110807	12	0.85
					01.88- 01.89	110808	12	0.85
Festiva 1.3 L Plus					01.90- 01.90	110807	12	0.85
					01.90- 01.90	110808	12	0.85
Festiva 1.3 LX					01.88- 01.89	110807	12	0.85
					01.88- 01.89	110808	12	0.85
Fiesta 1.6	01.78- 01.80	111289	14	70				
Focus 2.0	02.08-	115750	14	150				
Focus 2.0 LE	01.00- 01.00	112959	14	110				
Focus 2.0 LX	01.01- 01.02	112959	14	110				
Focus 2.0 S2	01.01- 01.02	112958	14	110	01.01- 01.02	112235	12	1.4
Focus 2.0 SE	01.00- 01.02	112959	14	110				
Focus 2.0 Street	01.01- 01.02	112958	14	110	01.01- 01.02	112235	12	1.4
Focus 2.0 SVT	01.02- 01.02	112958	14	110	01.02- 01.02	112235	12	1.4
Focus 2.0 ZTS	01.00- 01.02	112958	14	110	01.00- 01.02	112235	12	1.4
Focus 2.0 ZTW	01.02- 01.02	112958	14	110	01.02- 01.02	112235	12	1.4
Focus 2.0 ZX3	01.00- 01.02	112958	14	110	01.00- 01.02	112235	12	1.4
Focus 2.0 ZX5	01.02- 01.02	112958	14	110	01.02- 01.02	112235	12	1.4
Fusion 2.5	05.09-	116034	14	150				
Galaxie 3.9 500					01.68- 01.72	110225	12	



Galaxie 5.0 500	01.72- 01.72	110237	14	60	01.68- 01.71	110225	12
Galaxie 5.0 500 XL					01.68- 01.70	110225	12
Galaxie 5.8 500					01.69- 01.74	110225	12
Galaxie 5.8 500 XL					01.69- 01.70	110225	12
Galaxie 6.6 500					01.71- 01.74	110228	12
	01.71- 01.74	110237	14	60	01.71- 01.74	110225	12
Galaxie 7.0 500					01.69- 01.71	110228	12
Galaxie 7.0 500 XL					01.69- 01.70	110228	12
Galaxie 7.5 500	01.73- 01.74	110237	14	60	01.73- 01.74	110225	12
Gran Torino 4.1	01.72- 01.74	110237	14	60	01.72- 01.74	110225	12
Gran Torino 4.1 Elite	01.74- 01.74	110237	14	60			
Gran Torino 5.0	01.72- 01.74	110237	14	60	01.72- 01.74	110225	12
Gran Torino 5.0 Brougham	01.74- 01.74	110237	14	60	01.74- 01.74	110228	12
Gran Torino 5.0 Sport	01.72- 01.74	110237	14	60	01.72- 01.74	110225	12
Gran Torino 5.0 Squire	01.72- 01.74	110237	14	60	01.72- 01.74	110225	12
Gran Torino 5.8	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12
Gran Torino 5.8 Brougham	01.74- 01.76	110237	14	60	01.74- 01.76	110228	12
Gran Torino 5.8 Elite	01.74- 01.74	110237	14	60			
Gran Torino 5.8 Sport	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12
Gran Torino 5.8 Squire	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12
Gran Torino 6.6	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12
Gran Torino 6.6 Brougham	01.74- 01.76	110237	14	60	01.74- 01.76	110228	12
Gran Torino 6.6 Elite	01.74- 01.74	110237	14	60			
Gran Torino 6.6 Sport	01.72- 01.75	110237	14	60	01.72- 01.75	110225	12
Gran Torino 6.6 Squire	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12
Gran Torino 7.0	01.72- 01.73	110237	14	60	01.72- 01.73	110225	12
Gran Torino 7.0 Sport	01.72- 01.73	110237	14	60	01.72- 01.73	110225	12
Gran Torino 7.0 Squire	01.72- 01.73	110237	14	60	01.72- 01.73	110225	12
Gran Torino 7.5	01.74- 01.76	110237	14	60	01.74- 01.76	110228	12
Gran Torino 7.5 Brougham	01.74- 01.76	110237	14	60			
Gran Torino 7.5 Elite	01.74- 01.74	110237	14	60			
Gran Torino 7.5 Sport	01.74- 01.75	110237	14	60			
Gran Torino 7.5 Squire	01.74- 01.76	110237	14	60			
Granada 2.3	01.81- 01.82	110237	14	60			
Granada 3.3	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12
Granada 3.3 Ghia	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12
Granada 4.1	01.75- 01.78	110237	14	60	01.75- 01.78	110225	12
					01.79- 01.79	112963	12 1.4
Granada 4.1 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12
Granada 4.2	01.80- 01.81	110237	14	60			
Granada 5.0	01.75- 01.80	110237	14	60	01.75- 01.80	110225	12
Granada 5.0 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12
Granada 5.8	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12
Granada 5.8 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12
LTD 2.3					01.83- 01.86	112963	12 1.4
	01.83- 01.86	110237	14	60	01.83- 01.86	110228	12
LTD 2.3 Brougham					01.83- 01.86	112963	12 1.4
	01.83- 01.86	110237	14	60	01.83- 01.86	110225	12
LTD 2.3					01.83- 01.85	112963	12 1.4
	01.83- 01.85	110237	14	60	01.83- 01.85	110228	12
LTD 2.3 Brougham	01.83- 01.85	110237	14	60	01.83- 01.85	110225	12
LTD 3.3	01.83- 01.83	110237	14	60	01.83- 01.83	110228	12
LTD 3.3 Brougham	01.83- 01.83	110237	14	60	01.83- 01.83	110225	12
LTD 4.2	01.81- 01.82	110237	14	60	01.81- 01.82	110228	12
LTD 4.2 Crown Victoria	01.81- 01.82	110237	14	60	01.81- 01.82	110228	12
LTD 4.2 S	01.81- 01.82	110237	14	60	01.81- 01.82	110228	12
LTD 5.0	01.71- 01.72	110237	14	60	01.71- 01.72	110225	12
					01.77- 01.78	110228	12
LTD 5.0 Brougham	01.84- 01.85	110237	14	60	01.84- 01.85	110225	12
					01.71- 01.72	110228	12
LTD 5.0 Country Squire	01.83- 01.86	110237	14	60	01.83- 01.86	110225	12
					01.80- 01.82	110228	12
LTD 5.0 Crown Victoria	01.83- 01.86	110237	14	60	01.83- 01.86	110225	12
LTD 5.0 Landau	01.79- 01.79	110237	14	60	01.79- 01.79	110225	12
					01.77- 01.78	110228	12
LTD 5.0 LX	01.85- 01.85	110237	14	60	01.85- 01.85	110225	12
LTD 5.0 S	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12
					01.80- 01.82	110228	12
LTD 5.8	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12
					01.75- 01.76	110228	12
LTD 5.8 Brougham	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12
					01.75- 01.76	110228	12
LTD 5.8 Country Squire	01.80- 01.86	110237	14	60	01.80- 01.86	110228	12
LTD 5.8 Crown Victoria	01.80- 01.82	110237	14	60	01.80- 01.82	110228	12
LTD 5.8 Landau	01.79- 01.79	110237	14	60	01.79- 01.79	110225	12
					01.75- 01.78	110228	12
LTD 5.8 S	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12
					01.80- 01.82	110228	12
LTD 5.8 Squire	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12
LTD 6.6	01.77- 01.78	110237	14	60	01.77- 01.78	110225	12
					01.77- 01.77	110228	12
LTD 6.6 Brougham	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12
LTD 6.6 Landau	01.75- 01.78	110237	14	60	01.75- 01.78	110228	12
LTD 6.6 S	01.77- 01.78	110237	14	60	01.77- 01.78	110225	12
LTD 6.6 Squire	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12
LTD 7.5	01.75- 01.78	110237	14	60	01.75- 01.78	110228	12
					01.72- 01.78	112963	12 1.4
LTD 7.5 Brougham	01.72- 01.76	110237	14	60	01.72- 01.76	110228	12
LTD 7.5 Landau	01.75- 01.78	110237	14	60	01.75- 01.78	110228	12
M 400 5.9	01.73- 01.73	110237	14	60			
M 450 5.9	01.74- 01.75	110237	14	60			
Maverick 3.3	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12
Maverick 4.1	01.76- 01.77	110237	14	60	01.76- 01.77	110225	12
Maverick 5.0					01.77- 01.77	110225	12
	01.77- 01.77	110237	14	60			
Mondeo 2.5 V6	10.00- 03.07	114757	14	120 A49			
	10.00- 03.07	116350	14	120			


FORD Continued

Mustang 2.3					01.82- 01.83	112963	12	1.4
	01.74- 01.78	110237	14	60	01.74- 01.78	110225	12	
					01.80- 01.81	110230	12	
					01.81- 01.82	112646	12	1.4
Mustang 2.3 2+2	01.74- 01.78	110237	14	60	01.74- 01.78	110225	12	
Mustang 2.3 Ghia					01.82- 01.82	112963	12	1.4
	01.74- 01.78	110237	14	60	01.74- 01.78	110225	12	
					01.79- 01.79	110230	12	
					01.80- 01.81	112646	12	1.4
Mustang 2.3 L	01.84- 01.84	110237	14	60	01.84- 01.84	110225	12	
Mustang 2.3 LX					01.85- 01.86	112963	12	1.4
	01.85- 01.86	110237	14	60	01.85- 01.86	110225	12	
Mustang 2.3 Mach I	01.74- 01.78	110237	14	60	01.74- 01.78	110225	12	
Mustang 2.3 Turbo					01.83- 01.83	112963	12	1.4
	01.75- 01.86	110237	14	60	01.75- 01.86	110225	12	
					01.83- 01.83	112646	12	1.4
Mustang 2.3 Turbo Ghia	01.81-	110237	14	60	01.81-	110225	12	
					01.79- 01.79	110230	12	
Mustang 2.3 Turbo GT	01.84- 01.84	110237	14	60	01.84- 01.84	110225	12	
Mustang 2.3 Turbo L					01.84- 01.84	112963	12	1.4
	01.84- 01.84	110237	14	60	01.84- 01.84	110225	12	
Mustang 2.3 Turbo SVO					01.84- 01.86	112963	12	1.4
	01.84- 01.86	110237	14	60	01.84- 01.86	110225	12	
Mustang 2.8	01.74- 01.78	110237	14	60	01.74- 01.78	110225	12	
Mustang 2.8 2+2	01.74- 01.78	110237	14	60	01.74- 01.78	110225	12	
Mustang 2.8 Ghia	01.74- 01.78	110237	14	60	01.74- 01.78	110225	12	
					01.79- 01.79	110230	12	
Mustang 2.8 Mach I	01.74- 01.78	110237	14	60	01.74- 01.78	110225	12	
Mustang 3.3	01.79- 01.79	110237	14	60	01.79- 01.79	110225	12	
					01.80- 01.82	110230	12	
Mustang 3.3 Ghia	01.79- 01.79	110237	14	60	01.79- 01.79	110230	12	
					01.80- 01.82	112646	12	1.4
Mustang 4.2	01.80- 01.82	110237	14	60	01.80- 01.82	110230	12	
Mustang 4.2 Ghia	01.80- 01.82	110237	14	60	01.80- 01.82	112646	12	1.4
Mustang 4.6 Bullitt	01.01- 01.01	112954	14	105	01.01- 01.01	113222	12	1.4
Mustang 4.6 Cobra	01.99- 01.00	112954	14	105	01.99- 01.00	113222	12	1.4
Mustang 4.6 GT	01.99- 12.02	112954	14	105	01.99- 12.02	113222	12	1.4
					01.03- 01.03	112963	12	1.4
Mustang 4.6 Mach 1	01.03- 01.03	112954	14	105	01.03- 01.03	112963	12	1.4
Mustang 4.6 Super Cobra	01.03- 01.03	112954	14	105	01.03- 01.03	112963	12	1.4
Mustang 5.0	01.84-	110237	14	60	01.84-	111183	12	1.4
					01.75- 01.78	110225	12	
Mustang 5.0 Ghia	01.75- 01.78	110237	14	60	01.75- 01.78	110225	12	
					01.79- 01.82	110230	12	
Mustang 5.0 GT	01.85-	110237	14	60	01.85-	111183	12	1.4
					01.84- 01.85	110225	12	
Mustang 5.0 L	01.84- 01.84	110237	14	60	01.84- 01.84	110225	12	
Mustang 5.0 LX	01.85- 01.85	110237	14	60	01.85- 01.85	110225	12	
Mustang 5.0 Mach I	01.75- 01.78	110237	14	60	01.75- 01.78	110225	12	
Mustang 5.8	01.72- 01.73	110237	14	60	01.72- 01.73	112600	12	1.4
Mustang 5.8 Grande	01.72- 01.73	110237	14	60	01.72- 01.73	113222	12	1.4
Mustang 5.8 Mach I	01.72- 01.73	110237	14	60	01.72- 01.73	113222	12	1.4
P 350 4.9	01.75- 01.76	110237	14	60				
P 350 5.0	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12	
P 350 5.9	01.73- 01.73	110237	14	60	01.73- 01.73	110225	12	
P 350 6.4	01.72- 01.73	110237	14	60	01.72- 01.73	110225	12	
P 350 6.6	01.76-	110237	14	60				
P 400 5.0	01.76-	110237	14	60				
P 400 6.6	01.76-	110237	14	60				
P 500 5.0	01.75-	110237	14	60				
P 500 6.6	01.75-	110237	14	60				
Pinto 2.3	01.74- 01.79	110237	14	60	01.74- 01.79	110230	12	
Pinto 2.8					01.75- 01.79	110230	12	
	01.75- 01.79	110237	14	60				
Probe 2.0					01.97- 01.97	110810	12	1.4
Probe 2.0 SE					01.93- 01.96	110810	12	1.4
Probe 2.2 GL					01.89- 01.92	110810	12	1.4
Probe 2.2 LX					01.89- 01.89	110810	12	1.4
Probe 2.2 Turbo GT					01.89- 01.92	110810	12	1.4
Ranch 5.0					01.68- 01.72	110225	12	
Ranch 5.8					01.69- 01.74	110225	12	
Ranch 6.6					01.71- 01.76	110228	12	
	01.71- 01.76	110237	14	60	01.71- 01.76	110225	12	
Ranch 7.0					01.69- 01.71	110228	12	
Ranch 7.5	01.73- 01.76	110237	14	60	01.73- 01.76	110225	12	
Ranch Wagon 3.9					01.65- 01.67	110225	12	
Ranch Wagon 4.3					01.63- 01.64	110225	12	
Ranch Wagon 4.7					01.63- 01.64	110225	12	
Ranchero 4.1 500					01.70- 01.73	110225	12	
Ranchero 5.0 500	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
Ranchero 5.0 GT	01.73- 01.79	110237	14	60	01.73- 01.79	110225	12	
Ranchero 5.0 Squire	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
Ranchero 5.8 500					01.77- 01.77	110228	12	
	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
Ranchero 5.8 GT					01.77- 01.77	110228	12	
	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
Ranchero 5.8 Squire					01.75- 01.76	110228	12	
	01.75- 01.76	110237	14	60	01.75- 01.76	110225	12	
Ranchero 6.6 500					01.77- 01.77	110228	12	
	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
Ranchero 6.6 GT					01.77- 01.77	110228	12	
	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
Ranchero 6.6 Squire					01.77- 01.77	110228	12	
	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
Ranchero 7.0 500	01.72- 01.73	110237	14	60	01.72- 01.73	110225	12	
Ranchero 7.0 GT	01.72- 01.73	110237	14	60	01.72- 01.73	110225	12	
Ranchero 7.0 Squire	01.72- 01.73	110237	14	60	01.72- 01.73	110225	12	
Ranchero 7.5 500	01.74- 01.76	110237	14	60	01.74- 01.76	110225	12	
Ranchero 7.5 GT	01.74- 01.76	110237	14	60	01.74- 01.76	110225	12	
Ranchero 7.5 Squire	01.74- 01.76	110237	14	60	01.74- 01.76	110225	12	



Ranger 2.0		01.83- 01.88	110237	14	60	01.83- 01.88	112963	12	1.4
		01.83- 01.84	110237	14	60	01.83- 01.88	112600	12	1.4
Ranger 2.2		01.83- 01.84	110237	14	60	01.83- 01.84	112600	12	1.4
Ranger 2.3 Turbo		01.85- 01.87	110237	14	60	01.85- 01.87	112963	12	1.4
		01.85- 01.87	110237	14	60	01.85- 01.87	112016	12	
Ranger 2.3						01.97- 01.97	113222	12	1.4
						01.83- 01.84	112963	12	1.4
		01.83- 01.84	110237	14	60	01.83- 01.84	112600	12	1.4
						01.85- 01.90	112016	12	
Ranger 2.3 Super						01.86- 01.91	112963	12	1.4
		01.86- 01.91	110237	14	60	01.86- 01.91	113222	12	1.4
Ranger 2.8		01.83- 01.85	110237	14	60	01.83- 01.85	112600	12	1.4
Ranger 2.9		01.86- 01.91	110237	14	60	01.86- 01.91	112016	12	
Ranger 2.9 Super		01.86- 01.91	110237	14	60	01.86- 01.91	113222	12	1.4
Sunliner 4.3						01.64- 01.64	110225	12	
Taurus 3.8 GL						01.88- 01.90	112286	12	1.7
Thunderbird 2.3 Turbo						01.83- 01.86	112963	12	1.4
		01.83- 01.86	110237	14	60	01.83- 01.86	111183	12	1.4
Thunderbird 3.3		01.80- 01.82	110237	14	60	01.80- 01.82	111183	12	1.4
Thunderbird 3.8 Super SC						01.89- 01.96	111183	12	1.4
Thunderbird 4.2						01.80- 01.81	110225	12	
		01.80- 01.81	110237	14	60	01.80- 01.81	111183	12	1.4
Thunderbird 4.6 LX						01.97- 01.97	112646	12	1.4
Thunderbird 5.0						01.77- 01.81	110225	12	
		01.77- 01.81	110237	14	60	01.77- 01.81	111183	12	1.4
Thunderbird 5.8						01.77- 01.79	110225	12	
		01.77- 01.79	110237	14	60	01.77- 01.79	111183	12	1.4
Thunderbird 6.6						01.72- 01.72	110228	12	
		01.77- 01.78	110237	14	60	01.77- 01.78	111183	12	1.4
Thunderbird 7.5		01.71- 01.86	110237	14	60	01.71- 01.86	111183	12	1.4
Torino 4.1 500						01.71- 01.71	110225	12	
Torino 4.1 Squire						01.69- 01.69	110225	12	
Torino 5.0 500						01.71- 01.71	110225	12	
Torino 5.0 Brougham						01.70- 01.71	110225	12	
Torino 5.0 Squire						01.69- 01.71	110225	12	
Torino 5.8						01.69- 01.71	110225	12	
		01.75- 01.76	110237	14	60	01.75- 01.76	110228	12	
Torino 5.8 500						01.71- 01.71	110225	12	
Torino 5.8 Brougham						01.70- 01.71	110225	12	
Torino 5.8 GT						01.69- 01.71	110225	12	
Torino 5.8 Squire						01.69- 01.71	110225	12	
Torino 6.6						01.72- 01.76	110228	12	
Torino 7.0		01.72- 01.73	110237	14	60	01.72- 01.73	110225	12	
Torino 7.5		01.73- 01.76	110237	14	60	01.73- 01.76	110225	12	
Various Models						01.90- 01.91	111183	12	1.4
						01.78- 01.82	110225	12	
						AT 01.65-	110227	12	
						01.78-	110230	12	
						01.91- 01.97	112600	12	1.4
						01.85-	112267	12	2.5
						3.0, 4.0, AT 01.92-	111844	12	1.4
							113703	12	3.0
Victoria 4.3						01.63- 01.64	110225	12	
Windstar 3.0		01.99- 12.99	112956	14	130				
Windstar 3.8		01.99- 12.99	112956	14	130				
ZX2 2.0						01.02- 01.03	112340	12	1.4
PASSENGER CARS AO									
Courier 1.8 Diesel	[RTK]	01.91-	111356	14	55				
Focus 1.8 FlexFuel	[QQDD]	12.05-	114065	14	120	12.05-	113906	12	1.2
Mondeo 1.8 4x4	[RKA]					03.94- 03.98	112235	12	1.4
Ranger 2.2 TDDi	[GBVAJQJ]	11.11-	115576	14	150	11.11-	116645	12	2.5
		11.11-	116546	14	110				
Ranger 2.5 TDDi	[WLAA]	10.05-	112352	14	70	10.05-	113702	12	2.2
Ranger 3.2 TDCi		11.11-	116546	14	110				
Transit 2.4	[D2FE]	10.00- 03.06	113913	14	110				
Transit 2.4 TDDi	[D4FA]	08.00- 08.03	113913	14	110				
MARINE									
Various Models			111510	28	55		112090	24	5.2
INDUSTRY									
655A Tractor/Loader/Backhoes	[BSD442]						112074	12	3.1
FORD TT Terminal Tractors	[BSD442]						112074	12	3.1
Ford Australia									
PASSENGER CARS AO									
Focus 2.0		12.07- 03.09	115750	14	150				
Ranger 2.2 TDDi		11.11- 06.15	116546	14	110	11.11- 06.15	116645	12	2.5
Ranger 2.2 TDDi 4x4		11.11- 06.15	116546	14	110	11.11- 06.15	116645	12	2.5
Ranger 3.2 TDDi 4x4		11.11-	116546	14	110	11.11-	116645	12	2.5
Transit 2.5		07.94- 03.00	115890	14	70				
Ford USA									
PASSENGER CARS US									
Ecosport 2.0		10.07-	116034	14	150				
Escape 2.5		01.09- 12.12	116034	14	150				
Fusion 2.5		05.09- 12.12	116034	14	150				
Ranger 2.3						01.91- 12.95	113222	12	1.4
PASSENGER CARS AO									
Ecosport 1.4 Diesel		04.03-	113912	14	80				
		04.03-	116362	14	80				
Ecosport 2.0 XLT		06.02-	116034	14	150				
Ecosport 2.0 XLT 4x4		06.02-	116034	14	150				
GAZ									
PASSENGER CARS AO									
Gazelle 2.1 TD	[GAZ-560]					01.03- 12.06	115397	12	2.0
GEAX									
INDUSTRY									
JCB JS130NL/NLC 4.4							115776	24	4.0
JCB JS130NLC 4.4							115776	24	4.0
JCB JS160NLC 4.4							115776	24	4.0
JCB JS210LC 4.8							115776	24	4.0



Gehl					
FORK LIFTS					
R56-34 GEN-2 Telescopic Boom	[TD 3.6L4]	116544	14 95	113181	12 2.3
		116547	14 120		
STRAIGHT MAST Rough Terrain	[4B3.9]	111888	14 65	113725	12 2.5
INDUSTRY					
663 Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
883 Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
1083 Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
3635 Skid Steer Loaders	[3TNV88]	113742	14 40	112374	12 2.5
3935 Skid Steer Loaders	[3TNV88]	113742	14 40	112374	12 2.5
4635 Skid Steer Loaders	[V2203-DI]	110540	14 55	112489	12 2.7
7610 Skid Steer Loaders	[1104C-44]	114772	14 95	113654	12 3.0
		116456	14 95	114264	12 4.2
10L/10H Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
10L/10H 44 & 55 Rough Terrain	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
12H Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
12H-40 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
3640E Skid Steer Loaders	[3TNV88]	113742	14 40	112374	12 2.5
5640E	[4TNV98]			114874	12 3.0
6640E	[4TNV98]			114874	12 3.0
6L/6H Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
6L/6H 42 & 44 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
8L/8H Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
8L/8H 42 & 44 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
AL 140 Wheel Loaders and Dozers	[3TNV76]	113742	14 40		
AL 140 (2/4 POST) Wheel Loaders and Dozers	[3TNV76]	113742	14 40		
AL 240 (EUROPE) Wheel Loaders and Dozers	[3TNV88]	113742	14 40	112374	12 2.5
AL 340 Wheel Loaders and Dozers	[3TNV88]	113742	14 40	112374	12 2.5
AL 340 (2/4 POST) Wheel Loaders and Dozers	[3TNV88]	113742	14 40	112374	12 2.5
AL 340 W/ CABIN Wheel Loaders and Dozers	[3TNV88]	113742	14 40	112374	12 2.5
AL 750 Mini Wheel Loaders	[TD 3.6L4]	116544	14 95	113181	12 2.3
		116547	14 120		
CTL70 Terrain Loader	[Isuzu]	115432	14 50		
DL11-44 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
DL11-55 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
DL12-40 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
DL7-44 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
DL9-44 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
KL 150 Wheel Loaders and Dozers	[103-10]	110770	14 55	112534	12 2.0
KL 165 Wheel Loaders and Dozers	[103-15]	110770	14 55	110615	12 2.8
				115393	12 4.0
KL 170 Wheel Loaders and Dozers	[103-15]	110770	14 55	110615	12 2.8
				115393	12 4.0
KL155 Wheel Loaders and Dozers	[103-15]	110770	14 55	110615	12 2.8
				115393	12 4.0



KL160 Wheel Loaders and Dozers	[103-15]	110770	14 55	110615	12 2.8
				115393	12 4.0
RS10-44 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
RS10-55 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
RS12-42 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
RS5 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
RS6 SERIES Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
RS6-34 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
RS6-42 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
RS8 SERIES Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
RS8-42 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
RS8-44 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
STRAIGHT MAST Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
V270	[4TNV98]			114874	12 3.0
Various Models	[4TNE106]			114098	12 3.0
Genesis					
PASSENGER CARS EU					
G70 Shooting Brake 2.2 CRDi	[D4HC]			06.21-	116430 12 2.0
Genie					
FORK LIFTS					
GTH-2506 Telescopic Boom Forklifts	[TD 2.9L4]	116544	14 95	113181	12 2.3
		116547	14 120		
GTH-5519 Telescopic Boom Forklifts	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
GTH-636 Telescopic Boom Forklifts	[TD 2.9L4]	116544	14 95	113181	12 2.3
		116547	14 120		
INDUSTRY					
S100/S105 Boom Lifts	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
S-105 Boom Lifts	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
S-120 Boom Lifts	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
S120/125 Boom Lifts	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
S-125 Boom Lifts	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
S80/S85 Boom Lifts	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
S-80X & S-85 Boom Lifts	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
Z-135/70 Articulated Boom Lifts	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
Z80/60 Articulated Boom Lifts	[TD 2.9L4]	116544	14 95	113181	12 2.3
		116547	14 120		
	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
ZX-135/70 Articulated Boom Lifts	[TD 2.9L4]	116544	14 95	113181	12 2.3
		116547	14 120		
	[TD 2011 L4i]	116544	14 95	113181	12 2.3
		116547	14 120		
GEO					
PASSENGER CARS US					
Metro 1.0		01.89- 01.94	110967 14 50	01.89- 01.94	111310 12 0.8
		01.89- 01.94	111279 14 50		
Metro 1.0 LSI		01.89- 01.95	110967 14 50	01.89- 01.95	111310 12 0.8
		01.89- 01.95	111279 14 50		



GEO Continued

Metro 1.0 XF1	01.90- 01.94	110967	14	50	01.90- 01.94	111310	12	0.8
	01.90- 01.94	111279	14	50				
Metro 1.3	01.95-	111279	14	50				
Metro 1.3 LSI	01.95- 01.97	111279	14	50				
Prizm 1.6	01.89- 01.91	110682	14	70	01.89- 01.91	110713	12	1.0
	01.97-	111579	14	70				
Prizm 1.6 LSI	01.90- 01.92	110682	14	70	01.90- 01.92	110713	12	1.0
	01.93- 01.95	111579	14	70				
Prizm 1.8	01.96-	111579	14	70				
Prizm 1.8 LSI	01.93- 01.95	111579	14	70				
Tracker 1.6					01.89- 01.95	111586	12	1.4
	01.89- 01.95	111279	14	50	01.89- 01.95	110394	12	0.85
Tracker 2.0 4x4 [J20A]					AT 11.98- 06.03	114225	12	1.6
GMC								
PASSENGER CARS EU								
Various Models						112240	12	1.7
PASSENGER CARS US								
1000 Series 3.8	01.64- 01.65	110075	14	60				
1500 Series 3.8	01.64- 01.65	110075	14	60				
C15/C1500 3.8	01.66- 01.66	110075	14	60	01.66- 01.66	110216	12	1.4
C15/C1500 4.1	01.70- 01.70	110075	14	60	01.70- 01.70	111277	12	
					01.71- 01.71	111034	12	1.2
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.75	110505	14	75				
C15/C1500 4.1 Big Ten	01.77- 01.80	110505	14	75	01.77- 01.80	110216	12	1.4
C15/C1500 4.1 Suburban	01.70- 01.70	110075	14	60	01.70- 01.70	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.73- 01.75	110505	14	75				
C15/C1500 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
C15/C1500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
C15/C1500 4.8	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12	
					01.68- 01.68	111034	12	1.2
					01.66- 01.67	110216	12	1.4
	01.73- 01.80	110505	14	75				
C15/C1500 4.8 Big Ten	01.78- 01.80	110505	14	75				
C15/C1500 4.8 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
	01.73- 01.74	110505	14	75				
C15/C1500 4.8	01.74- 01.74	110505	14	75				
C15/C1500 4.8 Suburban	01.74- 01.74	110505	14	75				
C15/C1500 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
					01.70- 01.70	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.77- 01.79	110505	14	75				
	01.86- 01.86	110508	14	78				
	01.85- 01.85	110471	14	94				
C15/C1500 5.0 Big Ten	01.78- 01.79	110505	14	75	01.78- 01.79	110216	12	1.4
C15/C1500 5.0 Suburban	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.83- 01.86	110471	14	94				
C15/C1500 5.4	01.68- 01.68	110075	14	60	01.68- 01.68	111277	12	
					01.67- 01.67	110216	12	1.4
C15/C1500 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
C15/C1500 5.7	01.78- 01.81	110505	14	75	01.78- 01.81	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7 Suburban	01.78- 01.81	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12	
					01.71- 01.71	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.73- 01.75	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7 Big Ten	01.77- 01.80	110505	14	75	01.77- 01.80	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7 Suburban	01.69- 01.71	110075	14	60	01.69- 01.71	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7	01.74- 01.74	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C15/C1500 5.7 Suburban	01.74- 01.74	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C15/C1500 6.2	01.82- 01.86	110233	14	63	01.82- 01.86	110216	12	1.4
	01.82- 01.86	110505	14	75				
C15/C1500 6.2 Suburban	01.82- 01.86	110233	14	63	01.82- 01.86	110216	12	1.4
	01.84- 01.84	110492	14	108				
	01.82- 01.86	110505	14	75				
	01.84- 01.84	110471	14	94				
C15/C1500 6.5	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
C15/C1500 6.5 Suburban	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12	1.4
C15/C1500 6.6	01.70- 01.71	110075	14	60	01.70- 01.71	111277	12	
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.76- 01.76	110505	14	75				
C15/C1500 6.6 Big Ten	01.80- 01.80	110505	14	75				
C15/C1500 6.6 Suburban	01.70- 01.72	110075	14	60	01.70- 01.72	110216	12	1.4
C15/C1500 7.4	01.73- 01.75	110505	14	75	01.73- 01.75	110216	12	1.4
C15/C1500 7.4 Big Ten	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
C15/C1500 7.4 Suburban	01.73- 01.75	110505	14	75				
C1500 4.3	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
C1500 4.3 Sierra	01.89- 01.89	110500	14	100/105	01.89- 01.89	111034	12	1.2
					01.90- 01.95	110216	12	1.4
	01.89- 01.89	112640	14	100/105				
C1500 4.3 Sierra XC	01.89- 01.89	110500	14	100/105	01.89- 01.89	111034	12	1.2
					01.90- 01.95	110216	12	1.4
	01.89- 01.89	112640	14	100/105				
C1500 5.0	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7



C1500 5.0 Sierra	01.89- 01.89	110500	14	100/105	01.89- 01.89	111034	12	1.2
					01.90- 01.91	110216	12	1.4
C1500 5.0 Sierra XC	01.89- 01.89	112640	14	100/105				
	01.89- 01.89	110500	14	100/105	01.89- 01.89	111034	12	1.2
					01.90- 01.91	110216	12	1.4
C1500 5.7	01.89- 01.89	112640	14	100/105				
	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
C1500 5.7 Sierra	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2
					01.94- 01.95	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
	01.89- 01.93	112640	14	100/105				
C1500 5.7 Sierra XC	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2
					01.94- 01.95	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
	01.89- 01.93	112640	14	100/105				
C1500 5.7 Suburban	01.92- 01.95	110500	14	100/105	01.92- 01.95	112341	12	2.5
	01.87- 01.89	112629	14	100/105				
					01.87- 01.89	112240	12	1.7
C1500 6.2	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105				
C1500 6.2 Sierra	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2
	01.89- 01.93	112640	14	100/105				
C1500 6.2 Sierra XC	01.89- 01.93	110500	14	100/105	01.89- 01.93	110216	12	1.4
	01.89- 01.93	112640	14	100/105				
C1500 6.5 Sierra	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
C1500 6.5 Sierra XC	01.94- 01.97	110500	14	100/105	01.94- 01.97	110216	12	1.4
C1500 6.5 Turbo Sierra XC	01.94- 01.96	110500	14	100/105	01.94- 01.96	112341	12	2.5
C1500 6.5 Turbo Suburban	01.94- 01.99	110500	14	100/105	01.94- 01.99	112341	12	2.5
C25/C2500 3.8	01.66- 01.66	110075	14	60	01.66- 01.66	110216	12	1.4
C25/C2500 4.1	01.70- 01.70	110075	14	60	01.70- 01.70	111277	12	
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.75	110505	14	75				
C25/C2500 4.1 Suburban	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.73- 01.74	110505	14	75				
C25/C2500 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
C25/C2500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	111034	12	1.2
C25/C2500 4.8	01.69- 01.72	110075	14	60	01.69- 01.72	111277	12	
					01.66- 01.67	111034	12	1.2
	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
C25/C2500 4.8 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
	01.73- 01.79	110505	14	75				
C25/C2500 4.8	01.74- 01.74	110505	14	75				
C25/C2500 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
					01.70- 01.70	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.77- 01.79	110505	14	75				
	01.85- 01.86	110471	14	94				
C25/C2500 5.0 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.84- 01.84	110471	14	94				
C25/C2500 5.4	01.68- 01.68	110075	14	60	01.68- 01.68	111277	12	
					01.67- 01.67	111034	12	1.2
C25/C2500 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
C25/C2500 5.7 Suburban	01.80- 01.80	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C25/C2500 5.7	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12	
					01.71- 01.71	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
	01.83- 01.86	110471	14	94				
	01.87- 01.89	112629	14	100/105				
C25/C2500 5.7 Suburban	01.69- 01.71	110075	14	60	01.69- 01.71	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.74- 01.75	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C25/C2500 5.7	01.74- 01.74	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C25/C2500 6.2	01.82- 01.86	110233	14	63	01.82- 01.86	110216	12	1.4
	01.82- 01.86	110505	14	75				
C25/C2500 6.2 Suburban	01.82- 01.86	110233	14	63	01.82- 01.86	110216	12	1.4
	01.84- 01.84	110492	14	108				
	01.82- 01.86	110505	14	75				
	01.84- 01.84	110471	14	94				
C25/C2500 6.5	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
C25/C2500 6.5 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
C25/C2500 6.6	01.70- 01.70	110075	14	60	01.70- 01.70	111277	12	
					01.71- 01.71	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.77- 01.79	110505	14	75				
C25/C2500 6.6 Suburban	01.70- 01.72	110075	14	60	01.70- 01.72	110216	12	1.4
	01.78- 01.78	110505	14	75				
C25/C2500 7.4	01.85- 01.85	110233	14	63	01.85- 01.85	110216	12	1.4
	01.73- 01.75	110505	14	75				
	01.85- 01.85	110471	14	94				
C25/C2500 7.4 Suburban	01.85- 01.85	110233	14	63	01.85- 01.85	110216	12	1.4
	01.74- 01.75	110505	14	75				
	01.85- 01.85	110471	14	94				
C2500 4.3	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
C2500 4.3 Sierra	01.89- 01.89	110500	14	100/105	01.89- 01.89	111034	12	1.2
					01.90- 01.95	110216	12	1.4
	01.89- 01.89	112640	14	100/105	01.89- 01.89	112240	12	1.7
C2500 4.3 Sierra XC	01.89- 01.89	110500	14	100/105	01.89- 01.89	110216	12	1.4
	01.89- 01.89	112640	14	100/105				



GMC Continued

C2500 5.0	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
C2500 5.0 Sierra	01.89- 01.89	110500	14	100/105	01.89- 01.89	111034	12	1.2
					01.90- 01.91	110216	12	1.4
C2500 5.0 Sierra XC	01.89- 01.89	112640	14	100/105	01.89- 01.89	112240	12	1.7
	01.89- 01.89	110500	14	100/105	01.89- 01.89	110216	12	1.4
C2500 5.7	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
C2500 5.7 Sierra	01.88- 01.88	112640	14	100/105	01.87- 01.89	112240	12	1.7
	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2
C2500 5.7 Sierra XC	01.87- 01.89	112629	14	100/105	01.94- 01.95	110216	12	1.4
					01.87- 01.89	112341	12	2.5
C2500 5.7 Sierra XC	01.89- 01.93	112640	14	100/105	01.87- 01.89	112240	12	1.7
	01.89- 01.93	110500	14	100/105	01.89- 01.93	110216	12	1.4
C2500 5.7 Suburban	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
					01.87- 01.89	112240	12	1.7
C2500 6.2	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
C2500 6.2 Sierra	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2
	01.89- 01.93	112640	14	100/105				
C2500 6.2 Sierra XC	01.89- 01.93	110500	14	100/105	01.89- 01.93	110216	12	1.4
	01.89- 01.93	112640	14	100/105				
C2500 6.5 Sierra	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
C2500 6.5 Sierra XC	01.92- 01.98	110500	14	100/105	01.92- 01.98	110216	12	1.4
	01.92- 01.98	112640	14	100/105				
C2500 6.5 Turbo Sierra	01.93- 01.98	110500	14	100/105	01.93- 01.98	110216	12	1.4
					01.94- 01.98	112341	12	2.5
C2500 6.5 Turbo Sierra XC	01.94- 01.99	110500	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
C2500 7.4 Sierra	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5
	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
C2500 7.4 Sierra XC	01.91- 01.93	110984	14	100/105				
	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
C2500 7.4 Suburban	01.92- 01.93	110984	14	100/105				
C35/C3500 4.1	01.70- 01.70	110075	14	60	01.70- 01.70	110216	12	1.4
	01.72- 01.72	110233	14	63				
C35/C3500 4.6	01.73- 01.75	110505	14	75				
	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
C35/C3500 4.8	01.69- 01.72	110075	14	60	01.69- 01.72	111277	12	
					01.68- 01.68	110216	12	1.4
C35/C3500 4.8	01.73- 01.86	110505	14	75				
	01.74- 01.74	110505	14	75				
C35/C3500 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
					01.70- 01.70	110216	12	1.4
C35/C3500 5.4	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
C35/C3500 5.4	01.86- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94				
C35/C3500 5.7	01.68- 01.68	110075	14	60	01.68- 01.68	111277	12	
					01.67- 01.67	110216	12	1.4
C35/C3500 5.7	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12	
					01.71- 01.71	110216	12	1.4
C35/C3500 5.7	01.72- 01.72	110233	14	63				
	01.72- 01.72	110505	14	75				
C35/C3500 5.7	01.83- 01.86	110471	14	94				
	01.87- 01.89	112629	14	100/105				
C35/C3500 6.2	01.74- 01.74	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C35/C3500 6.2	01.82- 01.86	110233	14	63	01.82- 01.86	110216	12	1.4
	01.82- 01.86	110505	14	75				
C35/C3500 6.5	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
	01.70- 01.70	110075	14	60	01.70- 01.70	111277	12	
C35/C3500 6.6					01.71- 01.71	110216	12	1.4
	01.72- 01.72	110233	14	63				
C35/C3500 7.4	01.76- 01.76	110505	14	75				
	01.85- 01.85	110233	14	63	01.85- 01.85	110216	12	1.4
C3500 5.7	01.73- 01.75	110505	14	75				
	01.85- 01.85	110471	14	94				
C3500 5.7	01.88- 01.88	110500	14	100/105	01.88- 01.88	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
C3500 5.7 Sierra					01.87- 01.89	112240	12	1.7
	01.88- 01.88	112640	14	100/105				
C3500 5.7 Sierra XC	01.89- 01.93	110500	14	100/105	01.89- 01.93	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
C3500 5.7 Sierra XC					01.87- 01.89	112240	12	1.7
	01.89- 01.93	112640	14	100/105				
C3500 5.7 Sierra XC	01.89- 01.93	110500	14	100/105	01.89- 01.93	110216	12	1.4
					01.94- 01.95	112341	12	2.5
C3500 6.2	01.87- 01.89	112629	14	100/105	01.87- 01.89	112240	12	1.7
C3500 6.2 Sierra	01.89- 01.93	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105	01.88- 01.88	112240	12	1.7
C3500 6.2 Sierra XC	01.89- 01.93	112640	14	100/105	01.89- 01.93	110216	12	1.4
	01.89- 01.93	110500	14	100/105	01.89- 01.93	112240	12	1.7
C3500 6.5 Turbo Sierra	01.89- 01.93	112640	14	100/105	01.89- 01.93	110216	12	1.4
	01.92- 01.97	110500	14	100/105	01.92- 01.97	110216	12	1.4
C3500 6.5 Turbo Sierra XC	01.92- 01.97	112640	14	100/105	01.92- 01.97	112240	12	1.7
	01.92- 01.97	110500	14	100/105	01.92- 01.97	110216	12	1.4
C3500 7.4	01.88- 01.88	110984	14	100/105	01.88- 01.88	112341	12	2.5
	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
C3500 7.4 Sierra	01.89- 01.93	110984	14	100/105	01.89- 01.93	112341	12	2.5



C3500 7.4 Sierra XC	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.89- 01.93	110984	14	100/105				
C3500 8.1 HD Chassis Cab	01.01- 01.02	112850	14	105				
	01.01- 01.02	112853	14	130				
Caballero 3.3	01.78- 01.79	110233	14	63	01.78- 01.79	110414	12	
	01.78- 01.79	110505	14	75				
Caballero 3.8	01.80- 01.82	110233	14	63	01.80- 01.82	110414	12	
	01.78- 01.81	110505	14	75	01.78- 01.81	110216	12	1.4
Caballero 4.3	01.85- 01.87	110233	14	63	01.85- 01.87	110414	12	
	01.85- 01.87	110471	14	94				
Caballero 4.4	01.80- 01.82	110505	14	75				
Caballero 5.0	01.78- 01.78	110505	14	75				
	01.84- 01.87	110471	14	94				
Caballero 5.7	01.83- 01.83	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83- 01.83	110471	14	94				
Caballero 5.7	01.78- 01.79	110505	14	75				
Envoy 5.3 XL	01.03- 01.03	112853	14	130	01.03- 01.03	112902	12	1.2
					01.04-	112905	12	1.6
Envoy 5.3 XUV	01.04-	112853	14	130	01.04-	112905	12	1.6
G1000 Series 3.8	01.64- 01.66	110075	14	60				
G15/G1500 3.8	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
G15/G1500 3.8 Rally	01.68- 01.69	110075	14	60	01.68- 01.69	111034	12	1.2
G15/G1500 3.8 Vandura	01.68- 01.69	110075	14	60	01.68- 01.69	111034	12	1.2
G15/G1500 4.1	01.83- 01.84	110505	14	75	01.83- 01.84	112240	12	1.7
	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
	01.83- 01.84	110508	14	78				
G15/G1500 4.1 Rally	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.75	110505	14	75				
					01.83- 01.84	112240	12	1.7
	01.68- 01.69	110075	14	60	01.68- 01.69	111034	12	1.2
	01.83- 01.84	110508	14	78				
G15/G1500 4.1 Vandura	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.75	110505	14	75	01.73- 01.75	112240	12	1.7
	01.70- 01.70	110075	14	60	01.70- 01.70	111034	12	1.2
	01.83- 01.84	110508	14	78				
G15/G1500 4.3 Rally	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.87- 01.90	110500	14	100/105				
	01.85- 01.86	110505	14	75	01.85- 01.86	112240	12	1.7
	01.87- 01.90	110471	14	94				
	01.91-	112629	14	100/105				
	01.87- 01.90	112640	14	100/105				
G15/G1500 4.3 Savana	01.91-	112629	14	100/105				
G15/G1500 4.3 Vandura	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.87- 01.90	110500	14	100/105				
	01.85- 01.86	110505	14	75				
	01.87- 01.90	110471	14	94				
	01.91-	112629	14	100/105				
	01.87- 01.90	112640	14	100/105				
G15/G1500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
G15/G1500 5.0	01.83- 01.86	110505	14	75	01.83- 01.86	112240	12	1.7
	01.70- 01.70	110075	14	60	01.70- 01.70	110216	12	1.4
	01.83- 01.86	110471	14	94				
	01.94-	111711	14	105				
G15/G1500 5.0 Rally	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.87- 01.91	110500	14	100/105				
	01.77- 01.79	110505	14	75				
					01.80- 01.80	112240	12	1.7
	01.68- 01.69	110075	14	60	01.68- 01.69	111034	12	1.2
	01.83- 01.86	110471	14	94				
	01.92- 01.92	111711	14	105				
	01.87- 01.91	112640	14	100/105				
G15/G1500 5.0 Vandura	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.87- 01.91	110500	14	100/105				
	01.77- 01.79	110505	14	75	01.77- 01.79	112240	12	1.7
					01.80- 01.81	112241	12	1.5
	01.68- 01.69	110075	14	60	01.68- 01.69	111034	12	1.2
	01.83- 01.86	110471	14	94				
	01.92- 01.92	111711	14	105				
	01.87- 01.91	112640	14	100/105				
G15/G1500 5.4	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
G15/G1500 5.7	01.71- 01.71	110075	14	60	01.71- 01.71	110216	12	1.4
	01.94- 01.95	111711	14	105				
	01.87- 01.91	112629	14	100/105				
G15/G1500 5.7 Rally	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.87- 01.93	110500	14	100/105				
	01.72- 01.72	110505	14	75				
	01.87- 01.91	112629	14	100/105				
	01.87- 01.93	112640	14	100/105				
G15/G1500 5.7 Savana	01.87- 01.91	112629	14	100/105				
G15/G1500 5.7 Vandura	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110505	14	75	01.72- 01.72	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
G15/G1500 6.6 Rally	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12	1.4
G15/G1500 6.6 Vandura	01.76- 01.76	110505	14	75	01.76- 01.76	112240	12	1.7
G15/G1500 7.4 Rally	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12	1.4
G25/G2500 3.8	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
G25/G2500 3.8 Rally	01.68- 01.69	110075	14	60	01.68- 01.69	111034	12	1.2
G25/G2500 3.8 Vandura	01.68- 01.69	110075	14	60	01.68- 01.69	111034	12	1.2
G25/G2500 4.1	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
G25/G2500 4.1 Rally	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.74	110505	14	75				
					01.79- 01.82	112341	12	2.5
					01.72- 01.72	112240	12	1.7
	01.83- 01.84	110508	14	78				
	01.68- 01.69	110075	14	60				
G25/G2500 4.1 Vandura	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.74	110505	14	75	01.73- 01.74	112240	12	1.7
	01.83- 01.84	110508	14	78				
	01.70- 01.70	110075	14	60	01.70- 01.70	111034	12	1.2



GMC Continued

G25/G2500 4.3	01.91-	112629	14	100/105			
G25/G2500 4.3 Rally	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12 1.4
	01.87- 01.90	110500	14	100/105			
	01.85- 01.86	110505	14	75	01.85- 01.86	112341	12 2.5
					01.87- 01.90	112240	12 1.7
	01.87- 01.90	110471	14	94			
	01.91-	112629	14	100/105			
	01.87- 01.90	112640	14	100/105			
G25/G2500 4.3 Vandura	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12 1.4
	01.87- 01.90	110500	14	100/105			
	01.85- 01.86	110505	14	75	01.85- 01.86	112240	12 1.7
	01.87- 01.90	110471	14	94			
	01.91-	112629	14	100/105			
	01.87- 01.90	112640	14	100/105			
G25/G2500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12 1.4
G25/G2500 4.8 Rally	01.74- 01.78	110505	14	75	01.74- 01.78	110216	12 1.4
G25/G2500 4.8 Vandura	01.74- 01.78	110505	14	75	01.74- 01.78	112240	12 1.7
G25/G2500 5.0	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12 1.4
	01.72- 01.72	110505	14	75			
	01.70- 01.70	110075	14	60			
G25/G2500 5.0 Rally	01.87- 01.91	110500	14	100/105	01.87- 01.91	110216	12 1.4
	01.80- 01.81	110505	14	75	01.80- 01.81	112341	12 2.5
	01.68- 01.69	110075	14	60	01.68- 01.69	111034	12 1.2
	01.83- 01.86	110471	14	94			
	01.92- 01.92	111711	14	105			
	01.87- 01.91	112640	14	100/105			
G25/G2500 5.0 Vandura	01.87- 01.91	110500	14	100/105	01.87- 01.91	110216	12 1.4
	01.81- 01.82	110505	14	75	01.81- 01.82	112240	12 1.7
	01.68- 01.69	110075	14	60	01.68- 01.69	111034	12 1.2
	01.83- 01.86	110471	14	94			
	01.92- 01.92	111711	14	105			
	01.87- 01.91	112640	14	100/105			
G25/G2500 5.4	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12 1.4
G25/G2500 5.7	01.71- 01.71	110075	14	60	01.71- 01.71	110216	12 1.4
	01.87- 01.91	112629	14	100/105			
G25/G2500 5.7 Rally	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12 1.4
	01.86- 01.86	110499	14	100/105			
	01.87- 01.93	110500	14	100/105			
	01.72- 01.72	110505	14	75			
					01.86- 01.86	112341	12 2.5
					01.80- 01.86	112240	12 1.7
	01.86- 01.86	110508	14	78			
	01.71- 01.71	110075	14	60	01.71- 01.71	111034	12 1.2
	01.94- 01.94	111711	14	105			
	01.87- 01.91	112629	14	100/105			
	01.87- 01.93	112640	14	100/105			
G25/G2500 5.7 Savana	01.87- 01.91	112629	14	100/105			
G25/G2500 5.7 Vandura	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12 1.4
	01.87- 01.93	110500	14	100/105			
	01.72- 01.72	110505	14	75	01.72- 01.72	112240	12 1.7
	01.70- 01.71	110075	14	60	01.70- 01.71	111034	12 1.2
	01.83- 01.85	110471	14	94			
	01.94- 01.94	111711	14	105			
	01.87- 01.91	112629	14	100/105			
	01.87- 01.93	112640	14	100/105			
G25/G2500 6.2 Rally	01.83- 01.90	110233	14	63	01.83- 01.90	110216	12 1.4
	01.83- 01.90	110505	14	75	01.83- 01.90	112341	12 2.5
	01.91- 01.93	110984	14	100/105			
G25/G2500 6.2 Vandura	01.83- 01.90	110233	14	63	01.83- 01.90	110216	12 1.4
	01.83- 01.90	110505	14	75	01.83- 01.90	112240	12 1.7
	01.91- 01.93	110984	14	100/105			
G25/G2500 6.5 Rally	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12 1.4
G25/G2500 6.5 Vandura	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12 1.4
G25/G2500 6.6 Rally	01.75- 01.75	110505	14	75	01.75- 01.75	110216	12 1.4
G25/G2500 6.6 Vandura	01.75- 01.75	110505	14	75	01.75- 01.75	112240	12 1.7
G25/G2500 7.4 Rally	01.75- 01.75	110505	14	75	01.75- 01.75	110216	12 1.4
G35/G3500 4.1 Rally	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12 1.4
	01.73- 01.74	110505	14	75			
					01.72- 01.72	112240	12 1.7
	01.71- 01.71	110075	14	60	01.71- 01.71	111034	12 1.2
G35/G3500 4.1 Vandura	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12 1.4
	01.73- 01.74	110505	14	75	01.73- 01.74	112341	12 2.5
					01.83- 01.84	112240	12 1.7
	01.83- 01.84	110508	14	78			
	01.71- 01.71	110075	14	60	01.71- 01.71	111034	12 1.2
G35/G3500 4.3	01.92- 01.95	111711	14	105	01.92- 01.95	112240	12 1.7
	01.91-	112629	14	100/105			
G35/G3500 4.3 Rally	01.95- 01.96	111711	14	105	01.95- 01.96	112240	12 1.7
	01.91-	112629	14	100/105			
G35/G3500 4.3 Savana	01.91-	112629	14	100/105			
G35/G3500 4.3 Special	01.96- 01.96	111711	14	105	01.96- 01.96	112240	12 1.7
	01.91-	112629	14	100/105			
G35/G3500 4.3 Vandura	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12 1.4
	01.87- 01.90	110500	14	100/105			
	01.85- 01.86	110505	14	75	01.85- 01.86	112240	12 1.7
	01.87- 01.90	110471	14	94			
	01.91-	112629	14	100/105			
	01.87- 01.90	112640	14	100/105			
G35/G3500 4.8	01.74- 01.78	110505	14	75	01.74- 01.78	110216	12 1.4
G35/G3500 4.8 Rally	01.76- 01.78	110505	14	75	01.76- 01.78	110216	12 1.4
G35/G3500 4.8 Vandura	01.76- 01.78	110505	14	75	01.76- 01.78	112341	12 2.5
G35/G3500 5.0 Vandura	01.81- 01.81	110505	14	75	01.81- 01.81	112341	12 2.5
G35/G3500 5.4	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12 1.4



G35/G3500 5.7	01.87- 01.93	110500	14	100/105	01.87- 01.93	110216	12	1.4
	01.74- 01.75	110505	14	75				
					01.84- 01.84	112341	12	2.5
					01.82- 01.82	112240	12	1.7
	01.71- 01.71	110075	14	60				
	01.84- 01.84	110471	14	94				
	01.94- 01.94	111711	14	105				
	01.87- 01.91	112629	14	100/105				
	01.87- 01.93	112640	14	100/105				
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
G35/G3500 5.7 Rally	01.87- 01.93	110500	14	100/105				
	01.72- 01.72	110505	14	75				
	01.71- 01.71	110075	14	60	01.71- 01.71	111034	12	1.2
	01.94- 01.94	111711	14	105	01.94- 01.94	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
	01.87- 01.93	112640	14	100/105				
	01.87- 01.91	112629	14	100/105				
	01.72- 01.72	110233	14	63				
	01.87- 01.93	110500	14	100/105				
	01.72- 01.72	110505	14	75	01.72- 01.72	112341	12	2.5
G35/G3500 5.7 Savana	01.87- 01.91	112629	14	100/105	01.87- 01.91	112240	12	1.7
G35/G3500 5.7 Special	01.87- 01.91	112629	14	100/105	01.87- 01.91	112240	12	1.7
G35/G3500 5.7 Vandura	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.87- 01.93	110500	14	100/105				
	01.72- 01.72	110505	14	75	01.72- 01.72	112341	12	2.5
	01.71- 01.71	110075	14	60	01.71- 01.71	111034	12	1.2
	01.94- 01.94	111711	14	105	01.94- 01.94	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
	01.87- 01.93	112640	14	100/105				
	01.83- 01.90	110233	14	63	01.83- 01.90	110216	12	1.4
	01.83- 01.90	110505	14	75				
	01.91- 01.93	110984	14	100/105	01.91- 01.93	112240	12	1.7
G35/G3500 6.2 Rally	01.83- 01.90	110233	14	63	01.83- 01.90	110216	12	1.4
G35/G3500 6.2 Vandura	01.83- 01.90	110505	14	75				
	01.91- 01.93	110984	14	100/105	01.91- 01.93	112240	12	1.7
	01.83- 01.90	110233	14	63	01.83- 01.90	110216	12	1.4
	01.83- 01.90	110505	14	75	01.83- 01.90	112240	12	1.7
	01.91- 01.93	110984	14	100/105				
	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
	01.76- 01.76	110505	14	75	01.76- 01.76	110216	12	1.4
	01.75- 01.75	110505	14	75	01.75- 01.75	110216	12	1.4
G35/G3500 6.6 Rally	01.75- 01.75	110505	14	75	01.75- 01.75	110216	12	1.4
G35/G3500 6.6 Vandura	01.75- 01.75	110505	14	75	01.75- 01.75	112341	12	2.5
G35/G3500 7.4	01.76- 01.79	110505	14	75	01.76- 01.79	110216	12	1.4
	01.88- 01.93	110984	14	100/105	01.88- 01.93	112240	12	1.7
	01.94- 01.94	111711	14	105				
	01.89- 01.93	110984	14	100/105	01.89- 01.93	112240	12	1.7
	01.94- 01.94	111711	14	105				
	01.89- 01.93	110984	14	100/105	01.89- 01.93	112240	12	1.7
	01.94- 01.94	111711	14	105				
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.76- 01.82	110505	14	75				
	01.71- 01.71	110075	14	60	01.71- 01.71	111277	12	
Jimmy 4.1					01.73- 01.75	112240	12	1.7
					01.71- 01.71	111034	12	1.2
	01.98- 01.00	112665	14	100				
	01.96- 01.96	111712	14	105				
	01.99- 01.01	112665	14	100				
	01.73- 01.73	110505	14	75	01.73- 01.73	112240	12	1.7
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.87- 01.87	110500	14	100/105				
	01.77- 01.79	110505	14	75				
					01.83- 01.86	112240	12	1.7
Jimmy 5.0	01.83- 01.86	110471	14	94				
	01.70- 01.70	110075	14	60				
	01.87- 01.87	112640	14	100/105				
	01.76- 01.86	110505	14	75	01.76- 01.86	110216	12	1.4
					01.87- 01.91	112341	12	2.5
					01.73- 01.75	112240	12	1.7
					01.76- 01.76	112241	12	1.5
	01.87- 01.91	110471	14	94				
	01.70- 01.72	110075	14	60	01.70- 01.72	111277	12	
	01.87- 01.91	110984	14	100/105				
Jimmy 6.2	01.84- 01.90	110233	14	63	01.84- 01.90	110216	12	1.4
	01.82- 01.86	110492	14	108				
	01.84- 01.90	110505	14	75	01.84- 01.90	112341	12	2.5
					01.82- 01.86	112240	12	1.7
	01.84- 01.90	110471	14	94				
	01.91- 01.91	110984	14	100/105				
	01.77- 01.79	110505	14	75	01.77- 01.79	112240	12	1.7
					01.76- 01.76	112241	12	1.5
	01.73- 01.73	110505	14	75	01.73- 01.73	112240	12	1.7
	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
Jimmy 7.4					01.66- 01.67	111034	12	1.2
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.75	110505	14	75				
	01.70- 01.70	110075	14	60	01.70- 01.70	111277	12	
					01.66- 01.67	111034	12	1.2
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.75	110505	14	75				
	01.70- 01.70	110075	14	60				
	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
K15/K1500 3.8	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
	01.66- 01.67	110075	14	60				
	01.77- 01.79	110505	14	75				
	01.85- 01.86	110471	14	94				
	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
					01.70- 01.70	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.73- 01.75	110505	14	75				
	01.68- 01.69	110075	14	60				
K15/K1500 4.1	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
	01.66- 01.67	110075	14	60				
	01.77- 01.79	110505	14	75				
	01.85- 01.86	110471	14	94				
	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
					01.70- 01.70	110216	12	1.4



GMC Continued

K15/K1500 5.0 Suburban	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110505	14	75				
	01.83- 01.84	110471	14	94				
	01.68- 01.68	110075	14	60				
K15/K1500 5.4	01.68- 01.68	110075	14	60	01.68- 01.68	111277	12	
					01.67- 01.67	110216	12	1.4
					01.68- 01.68	110216	12	1.4
K15/K1500 5.4 Suburban	01.68- 01.68	110075	14	60				
K15/K1500 5.7	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110505	14	75				
	01.84- 01.86	110471	14	94				
	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12	
	01.87- 01.89	112629	14	100/105				
K15/K1500 5.7 Suburban	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110505	14	75				
	01.85- 01.86	110471	14	94				
	01.70- 01.71	110075	14	60				
	01.87- 01.89	112629	14	100/105				
K15/K1500 6.2	01.82- 01.84	110233	14	63	01.82- 01.84	110216	12	1.4
	01.85- 01.86	110492	14	108				
	01.82- 01.84	110505	14	75				
	01.85- 01.86	110471	14	94				
K15/K1500 6.2 Suburban	01.82- 01.83	110233	14	63	01.82- 01.83	110216	12	1.4
	01.84- 01.86	110492	14	108				
	01.82- 01.83	110505	14	75				
	01.84- 01.86	110471	14	94				
K15/K1500 6.5	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
K15/K1500 6.6	01.75- 01.75	110505	14	75	01.75- 01.75	110216	12	1.4
K15/K1500 6.6 Suburban	01.75- 01.75	110505	14	75				
	01.70- 01.72	110075	14	60	01.70- 01.72	110216	12	1.4
K15/K1500 7.4	01.76- 01.80	110505	14	75				
K1500 4.3	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
K1500 4.3 Sierra	01.89- 01.89	110500	14	100/105	01.89- 01.89	111034	12	1.2
	01.89- 01.89	112640	14	100/105				
K1500 4.3 Sierra XC	01.89- 01.89	110500	14	100/105	01.89- 01.89	111034	12	1.2
					01.90- 01.95	110216	12	1.4
	01.89- 01.89	112640	14	100/105				
K1500 5.0	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
	01.89- 01.90	110500	14	100/105	01.89- 01.90	111034	12	1.2
K1500 5.0 Sierra					01.91- 01.93	110216	12	1.4
	01.89- 01.90	112640	14	100/105				
K1500 5.0 Sierra XC	01.89- 01.90	110500	14	100/105	01.89- 01.90	111034	12	1.2
					01.91- 01.93	110216	12	1.4
	01.89- 01.90	112640	14	100/105				
K1500 5.7	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
					01.87- 01.89	112240	12	1.7
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112241	12	1.5
K1500 5.7 Sierra	01.89- 01.92	110500	14	100/105	01.89- 01.92	111034	12	1.2
					01.93- 01.95	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
	01.89- 01.92	112640	14	100/105				
K1500 5.7 Sierra XC	01.89- 01.92	110500	14	100/105	01.89- 01.92	111034	12	1.2
					01.93- 01.95	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
	01.89- 01.92	112640	14	100/105				
K1500 5.7 Suburban	01.92- 01.95	110500	14	100/105	01.92- 01.95	112341	12	2.5
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112240	12	1.7
	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
K1500 6.2	01.88- 01.88	112640	14	100/105				
	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2
K1500 6.2 Sierra	01.89- 01.93	112640	14	100/105				
	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2
K1500 6.2 Sierra XC	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2
	01.89- 01.93	112640	14	100/105				
K1500 6.5 Sierra	01.94- 01.94	110500	14	100/105	01.94- 01.94	110216	12	1.4
K1500 6.5 Sierra XC	01.94- 01.94	110500	14	100/105	01.94- 01.94	110216	12	1.4
					01.95- 01.95	112341	12	2.5
	01.94- 01.94	110500	14	100/105	01.94- 01.94	110216	12	1.4
K1500 6.5 Turbo Sierra					01.95- 01.98	112341	12	2.5
					01.94- 01.94	110216	12	1.4
	01.94- 01.94	110500	14	100/105	01.94- 01.94	110216	12	1.4
K1500 6.5 Turbo Sierra XC					01.95- 01.98	112341	12	2.5
					01.94- 01.94	110216	12	1.4
	01.94- 01.94	110500	14	100/105	01.94- 01.94	110216	12	1.4
K1500 6.5 Turbo Suburban	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
K25/K2500 4.1	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.75	110505	14	75				
	01.70- 01.70	110075	14	60	01.70- 01.70	111277	12	
K25/K2500 4.1 Suburban	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.73- 01.74	110505	14	75				
	01.70- 01.70	110075	14	60				
	01.85- 01.85	110233	14	63	01.85- 01.85	110216	12	1.4
K25/K2500 4.3	01.85- 01.85	110505	14	75				
	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
K25/K2500 4.6	01.73- 01.86	110505	14	75				
	01.70- 01.72	110075	14	60	01.70- 01.72	111277	12	
					01.67- 01.67	110216	12	1.4
K25/K2500 4.8					01.68- 01.68	110216	12	1.4
	01.73- 01.79	110505	14	75				
	01.68- 01.68	110075	14	60				
K25/K2500 4.8 Suburban	01.74- 01.74	110505	14	75				
	01.77- 01.78	110505	14	75				
K25/K2500 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
					01.70- 01.70	110216	12	1.4
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
K25/K2500 5.0 Suburban	01.72- 01.72	110505	14	75				
	01.68- 01.69	110075	14	60				
	01.68- 01.68	110075	14	60	01.68- 01.68	111277	12	
K25/K2500 5.4					01.67- 01.67	110216	12	1.4
	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
K25/K2500 5.4 Suburban	01.68- 01.68	110075	14	60				



K25/K2500 5.7	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110505	14	75				
	01.84- 01.86	110471	14	94				
	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12	
K25/K2500 5.7 Suburban	01.87- 01.89	112629	14	100/105				
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110505	14	75				
	01.69- 01.71	110075	14	60				
K25/K2500 6.2	01.87- 01.89	112629	14	100/105				
	01.82- 01.84	110233	14	63	01.82- 01.84	110216	12	1.4
	01.85- 01.86	110492	14	108				
	01.82- 01.84	110505	14	75				
K25/K2500 6.2 Suburban	01.85- 01.86	110471	14	94				
	01.82- 01.83	110233	14	63	01.82- 01.83	110216	12	1.4
	01.84- 01.86	110492	14	108				
	01.82- 01.83	110505	14	75				
K25/K2500 6.5	01.84- 01.86	110471	14	94				
	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
	01.75- 01.75	110505	14	75				
	01.75- 01.75	110505	14	75				
K25/K2500 6.6 Suburban	01.76- 01.76	110505	14	75				
	01.77- 01.77	110505	14	75				
	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
K2500 4.3	01.89- 01.89	110500	14	100/105	01.89- 01.89	111034	12	1.2
					01.90- 01.95	110216	12	1.4
	01.89- 01.89	112640	14	100/105	01.89- 01.89	112240	12	1.7
	01.89- 01.89	110500	14	100/105	01.89- 01.89	110216	12	1.4
K2500 4.3 Sierra	01.89- 01.89	112640	14	100/105				
	01.89- 01.89	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
	01.89- 01.90	110500	14	100/105	01.89- 01.90	111034	12	1.2
K2500 5.0					01.91- 01.93	110216	12	1.4
	01.89- 01.90	112640	14	100/105				
	01.89- 01.90	110500	14	100/105	01.89- 01.90	110216	12	1.4
					01.94- 01.95	112341	12	2.5
K2500 5.0 Sierra	01.89- 01.90	112640	14	100/105				
	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
					01.87- 01.89	112240	12	1.7
K2500 5.7	01.88- 01.88	112640	14	100/105				
	01.89- 01.92	110500	14	100/105	01.89- 01.92	111034	12	1.2
					01.93- 01.95	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
K2500 5.7 Sierra					01.87- 01.89	112240	12	1.7
	01.89- 01.92	112640	14	100/105				
	01.89- 01.92	110500	14	100/105	01.89- 01.92	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
K2500 5.7 Sierra XC					01.87- 01.89	112240	12	1.7
	01.89- 01.92	112640	14	100/105				
	01.92- 01.95	110500	14	100/105	01.92- 01.95	112341	12	2.5
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112240	12	1.7
K2500 6.2	01.89- 01.92	112640	14	100/105				
	01.88- 01.88	110500	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2
K2500 6.2 Sierra	01.89- 01.93	112640	14	100/105				
	01.89- 01.93	110500	14	100/105	01.89- 01.93	110216	12	1.4
	01.89- 01.93	112640	14	100/105				
	01.94- 01.94	110500	14	100/105	01.94- 01.94	110216	12	1.4
K2500 6.5 Sierra					01.95- 01.95	112341	12	2.5
	01.94- 01.94	110500	14	100/105	01.94- 01.94	112341	12	2.5
	01.92- 01.94	110500	14	100/105	01.92- 01.94	110216	12	1.4
					01.95- 01.97	112341	12	2.5
K2500 6.5 Sierra XC	01.92- 01.94	112640	14	100/105				
	01.92- 01.94	110500	14	100/105	01.92- 01.94	110216	12	1.4
					01.94- 01.94	112341	12	2.5
	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
K2500 6.5 Turbo Suburban	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5
	01.94- 01.95	110500	14	100/105	01.94- 01.95	110216	12	1.4
	01.91- 01.93	110984	14	100/105	01.91- 01.93	112341	12	2.5
	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
K2500 7.4 Sierra	01.91- 01.93	110984	14	100/105				
	01.92- 01.93	110984	14	100/105				
	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.92- 01.93	110984	14	100/105				
K2500 7.4 Sierra XC	01.72- 01.72	110233	14	63				
	01.73- 01.75	110505	14	75				
	01.70- 01.70	110075	14	60	01.70- 01.70	110216	12	1.4
	01.73- 01.86	110505	14	75				
K35/K3500 4.1	01.69- 01.72	110075	14	60	01.69- 01.72	111277	12	
					01.68- 01.68	110216	12	1.4
	01.74- 01.74	110505	14	75				
	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
K35/K3500 4.8	01.72- 01.72	110505	14	75				
	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
	01.68- 01.68	110075	14	60	01.68- 01.68	110216	12	1.4
	01.72- 01.72	110233	14	63				
K35/K3500 5.0	01.77- 01.80	110505	14	75				
	01.84- 01.86	110471	14	94				
	01.69- 01.71	110075	14	60	01.69- 01.71	111277	12	
	01.87- 01.89	112629	14	100/105				
K35/K3500 5.4	01.74- 01.74	110505	14	75				
	01.87- 01.89	112629	14	100/105				
	01.82- 01.84	110233	14	63	01.82- 01.84	110216	12	1.4
	01.85- 01.86	110492	14	108				
K35/K3500 5.7	01.82- 01.84	110505	14	75				
	01.85- 01.86	110471	14	94				
	01.68- 01.69	110075	14	60	01.68- 01.69	111277	12	
	01.77- 01.80	110505	14	75				
K35/K3500 6.2	01.70- 01.71	110075	14	60	01.70- 01.71	110216	12	1.4
K35/K3500 6.5								
K35/K3500 6.6								



GMC Continued

K35/K3500 7.4	01.85- 01.85	110233	14	63	01.85- 01.85	110216	12	1.4
	01.79- 01.80	110505	14	75				
	01.85- 01.85	110471	14	94				
K3500 5.7	01.88- 01.88	110500	14	100/105	01.88- 01.88	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
					01.87- 01.89	112240	12	1.7
K3500 5.7 Sierra	01.88- 01.88	112640	14	100/105				
	01.89- 01.92	110500	14	100/105	01.89- 01.92	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112341	12	2.5
					01.87- 01.89	112240	12	1.7
K3500 5.7 Sierra XC	01.89- 01.92	112640	14	100/105				
	01.89- 01.92	110500	14	100/105	01.89- 01.92	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.87- 01.89	112240	12	1.7
K3500 6.2	01.89- 01.92	112640	14	100/105				
	01.88- 01.88	110500	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	112640	14	100/105	01.88- 01.88	112240	12	1.7
K3500 6.2 Sierra	01.89- 01.93	110500	14	100/105	01.89- 01.93	110216	12	1.4
	01.89- 01.93	112640	14	100/105				
K3500 6.2 Sierra XC	01.89- 01.93	110500	14	100/105	01.89- 01.93	110216	12	1.4
	01.89- 01.93	112640	14	100/105				
K3500 6.5 Turbo Sierra	01.92- 01.94	110500	14	100/105	01.92- 01.94	110216	12	1.4
					01.95- 01.97	112341	12	2.5
	01.92- 01.94	112640	14	100/105				
K3500 6.5 Turbo Sierra XC	01.93- 01.94	110500	14	100/105	01.93- 01.94	110216	12	1.4
					01.95- 01.97	112341	12	2.5
K3500 7.4	01.88- 01.88	110984	14	100/105	01.88- 01.88	112341	12	2.5
K3500 7.4 Sierra	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.89- 01.93	110984	14	100/105				
K3500 7.4 Sierra XC	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.89- 01.93	110984	14	100/105				
P15/P1500 3.8	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
P15/P1500 4.1	01.73- 01.74	110505	14	75				
	01.70- 01.70	110075	14	60				
P15/P1500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
P15/P1500 4.8	01.75- 01.80	110505	14	75				
	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
P15/P1500 7.4	01.79- 01.79	110505	14	75				
P25/P2500 4.1	01.72- 01.72	110233	14	63	01.72- 01.72	110216	12	1.4
					01.72- 01.72	112341	12	2.5
	01.72- 01.72	110505	14	75				
	01.70- 01.70	110075	14	60				
P25/P2500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
P25/P2500 4.8	01.81-	110505	14	75				
	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
P25/P2500 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12	1.4
P25/P2500 5.7	01.79- 01.79	110505	14	75				
	01.70- 01.72	110075	14	60	01.70- 01.72	110216	12	1.4
	01.87- 01.87	110984	14	100/105				
P25/P2500 6.2	01.82- 01.88	110233	14	63	01.82- 01.88	110216	12	1.4
	01.82- 01.88	110505	14	75				
P35/P3500 3.9 Turbo	01.89- 01.91	110471	14	94				
P35/P3500 4.1	01.73- 01.74	110505	14	75	01.73- 01.74	112341	12	2.5
	01.70- 01.70	110075	14	60	01.70- 01.70	111034	12	1.2
					01.71- 01.72	110216	12	1.4
P35/P3500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	110216	12	1.4
P35/P3500 4.8	01.82- 01.89	110505	14	75	01.82- 01.89	110216	12	1.4
					01.73- 01.82	112341	12	2.5
					01.81-	112240	12	1.7
	01.67- 01.67	110075	14	60				
P35/P3500 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12	1.4
P35/P3500 5.7	01.73- 01.75	110505	14	75	01.73- 01.75	112240	12	1.7
	01.70- 01.72	110075	14	60	01.70- 01.72	110216	12	1.4
	01.87- 01.93	110984	14	100/105				
P35/P3500 6.2	01.82- 01.88	110233	14	63	01.82- 01.88	110216	12	1.4
	01.82- 01.88	110505	14	75				
					01.89- 01.93	112341	12	2.5
P35/P3500 6.5	01.94- 01.97	110500	14	100/105	01.94- 01.97	110216	12	1.4
P35/P3500 7.4	01.85- 01.85	110233	14	63	01.85- 01.85	110216	12	1.4
	01.85- 01.85	110499	14	100/105				
	01.89- 01.89	110502	14	100/105				
	01.80-	110505	14	75				
					01.86- 01.86	112341	12	2.5
					01.73- 01.73	112240	12	1.7
	01.85- 01.85	110471	14	94				
	01.87- 01.88	110984	14	100/105				
P35/P3500 7.4 Motor Home	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
PB1000 2.5	01.64- 01.65	110075	14	60				
PB1000 3.8	01.63- 01.63	110075	14	60				
PB15 3.8	01.66- 01.66	110075	14	60				
PB15 4.1	01.66- 01.66	110075	14	60				
PB15 4.8	01.66- 01.66	110075	14	60				
PB25 3.8	01.66- 01.66	110075	14	60				
PB25 4.1	01.66- 01.66	110075	14	60				
PB25 4.8	01.66- 01.66	110075	14	60				
PB2500 3.8	01.63- 01.63	110075	14	60				
R1500 4.3	01.87- 01.87	110233	14	63	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110500	14	100/105				
	01.87- 01.87	110471	14	94				
	01.87- 01.87	112640	14	100/105				
R1500 5.0	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
	01.87- 01.87	112640	14	100/105				
R1500 5.0 Suburban	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
	01.87- 01.87	112640	14	100/105				



R1500 5.7	01.87- 01.87	110505	14	75	01.87- 01.87	112341	12	2.5
	01.87- 01.87	110471	14	94				
	01.87- 01.87	110984	14	100/105				
	01.87- 01.89	112629	14	100/105				
R1500 5.7 Suburban	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
	01.87- 01.87	110984	14	100/105				
	01.87- 01.89	112629	14	100/105				
R1500 6.2	01.87- 01.87	110233	14	63	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
	01.87- 01.90	110233	14	63	01.87- 01.90	110216	12	1.4
R1500 6.2 Suburban	01.87- 01.90	110505	14	75				
	01.87- 01.90	110471	14	94				
	01.91- 01.91	110984	14	100/105				
	01.87- 01.87	110233	14	63	01.87- 01.87	110216	12	1.4
R2500 4.3	01.87- 01.87	110500	14	100/105				
	01.87- 01.87	110471	14	94				
	01.87- 01.87	112640	14	100/105				
	01.87- 01.88	110505	14	75	01.87- 01.88	112341	12	2.5
R2500 4.8	01.87- 01.88	110508	14	78				
	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
R2500 5.0	01.87- 01.87	112640	14	100/105				
	01.87- 01.89	110505	14	75				
	01.87- 01.89	110471	14	94				
	01.87- 01.87	110505	14	75				
R2500 5.7	01.87- 01.89	110505	14	75				
	01.87- 01.89	110471	14	94				
	01.87- 01.89	110984	14	100/105				
	01.87- 01.89	112629	14	100/105				
R2500 5.7 Suburban	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
	01.87- 01.87	110984	14	100/105				
	01.87- 01.89	112629	14	100/105				
R2500 6.2	01.87- 01.87	110233	14	63	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110505	14	75				
	01.87- 01.87	110471	14	94				
	01.87- 01.90	110233	14	63	01.87- 01.90	110216	12	1.4
R2500 6.2 Suburban	01.87- 01.90	110505	14	75				
	01.87- 01.90	110471	14	94				
	01.91- 01.91	110984	14	100/105				
	01.87- 01.89	110233	14	63	01.87- 01.89	110216	12	1.4
R2500 7.4	01.87- 01.89	110505	14	75				
	01.87- 01.89	110471	14	94				
	01.87- 01.87	110233	14	63	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110505	14	75				
R2500 7.4 Suburban	01.88- 01.91	110984	14	100/105				
	01.87- 01.88	110505	14	75				
	01.87- 01.88	110508	14	78				
	01.87- 01.91	110505	14	75	01.87- 01.91	110216	12	1.4
R3500 4.8	01.87- 01.91	110471	14	94				
	01.87- 01.91	110984	14	100/105				
	01.87- 01.89	112629	14	100/105				
	01.87- 01.90	110233	14	63	01.87- 01.90	110216	12	1.4
R3500 5.7	01.87- 01.90	110505	14	75	01.87- 01.90	112341	12	2.5
	01.87- 01.90	110471	14	94				
	01.91- 01.91	110984	14	100/105				
	01.87- 01.91	110233	14	63	01.87- 01.91	110216	12	1.4
R3500 6.2	01.87- 01.91	110505	14	75				
	01.87- 01.91	110471	14	94				
	01.82- 01.85	110505	14	75	01.82- 01.85	111034	12	1.2
	01.83- 01.84	110505	14	75				
S15 1.9	01.83- 01.84	110233	14	63	01.83- 01.84	111034	12	1.2
	01.83- 01.84	110505	14	75				
	01.83- 01.84	110471	14	94				
	01.83- 01.84	110233	14	63	01.83- 01.84	111034	12	1.2
S15 1.9 Jimmy	01.83- 01.84	110505	14	75				
	01.83- 01.84	110471	14	94				
	01.83- 01.84	110233	14	63	01.83- 01.84	111034	12	1.2
	01.83- 01.84	110505	14	75				
S15 2.0	01.83- 01.84	110471	14	94				
	01.84- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
	01.85- 01.90	110505	14	75				
S15 2.0 Jimmy	01.85- 01.90	110471	14	94				
	01.85- 01.88	110505	14	75				
	01.85- 01.88	110471	14	94				
	01.82- 01.83	110505	14	75	01.82- 01.83	111034	12	1.2
S15 2.2	01.82- 01.83	110505	14	75	01.84- 01.85	111683	12	2.0
	01.84- 01.85	110471	14	94				
	01.83- 01.83	110505	14	75				
	01.83- 01.83	110471	14	94				
S15 2.2 Jimmy	01.88- 01.90	110500	14	100/105	01.88- 01.90	111034	12	1.2
	01.91- 01.94	110500	14	100/105	01.91- 01.94	111034	12	1.2
	01.91- 01.94	110985	14	100/105				
	01.85- 01.90	110505	14	75	01.85- 01.90	111034	12	1.2
S15 2.5	01.85- 01.90	110471	14	94				
	01.85- 01.88	110505	14	75				
	01.85- 01.88	110471	14	94				
	01.82- 01.83	110505	14	75	01.82- 01.83	111034	12	1.2
S15 2.5 Jimmy	01.82- 01.83	110505	14	75	01.84- 01.85	111683	12	2.0
	01.84- 01.85	110471	14	94				
	01.83- 01.83	110505	14	75				
	01.83- 01.83	110471	14	94				
S15 2.8	01.88- 01.90	110500	14	100/105	01.88- 01.90	111034	12	1.2
	01.91- 01.94	110500	14	100/105	01.91- 01.94	111034	12	1.2
	01.91- 01.94	110985	14	100/105				
	01.85- 01.90	110505	14	75	01.85- 01.90	111034	12	1.2
Safari 2.5	01.85- 01.90	110471	14	94				
	01.98- 12.00	112665	14	100	01.98- 12.00	112240	12	1.7
	01.98- 12.00	112665	14	100	01.99- 01.00	112241	12	1.5
	01.85- 01.85	110233	14	63	01.85- 01.85	111034	12	1.2
Safari 4.3	01.85- 01.85	110505	14	75				
	01.85- 01.85	110471	14	94				
	01.90- 01.92	111711	14	105				
	01.92- 01.94	110216	12	1.4				
Safari 4.3 XT	01.01- 01.01	112850	14	105	01.92- 01.94	110216	12	1.4
	01.90- 01.92	111711	14	105	01.90- 01.92	112240	12	1.7
	01.90- 01.92	111711	14	105	01.90- 01.92	111034	12	1.2
	01.91- 01.91	110216	12	1.4	01.91- 01.91	110216	12	1.4
Savana 4.3 1500	01.96-	111712	14	105				
	01.01- 01.02	112853	14	130				
	01.03-	112853	14	130	01.03-	112240	12	1.7
	01.03-	112853	14	130	01.03-	112240	12	1.7
Savana 4.3 2500	01.03-	112853	14	130	01.05-	112241	12	1.5
	01.03-	112853	14	130				



GMC Continued

Savana 5.0 1500	01.01- 01.02	112853	14	130			
Savana 5.0 2500	01.01- 01.02	112853	14	130			
Savana 5.3 1500	01.03-	112853	14	130			
Savana 5.3 2500	01.03-	112853	14	130	01.03-	112240	12 1.7
					01.05-	112241	12 1.5
Savana 5.7 1500	01.02- 01.02	112853	14	130			
Savana 5.7 2500	01.02- 01.02	112853	14	130	01.02- 01.02	112240	12 1.7
Savana 5.7 3500	01.02- 01.02	112853	14	130	01.02- 01.02	112241	12 1.5
Savana 6.0 2500	01.03-	112853	14	130	01.03-	112240	12 1.7
					01.05-	112241	12 1.5
Savana 6.0 3500	01.03-	112853	14	130	01.03-	112241	12 1.5
Savana 6.5 Turbo 2500 [L65]	01.01-	112853	14	130	01.01-	112240	12 1.7
Savana 8.1 3500	01.01- 01.02	112853	14	130	01.01- 01.02	112241	12 1.5
Savana 2500 4.3	01.96-	111712	14	105			
Sierra 4.3 1500	01.99- 01.99	112850	14	105	01.99- 01.99	111034	12 1.2
					01.00- 01.00	112240	12 1.7
	01.99- 01.99	112853	14	130			
					01.00- 01.00	112241	12 1.5
					01.01- 01.02	112902	12 1.2
					01.04-	112906	12 1.7
Sierra 4.8 1500	01.99- 01.02	112850	14	105	01.99- 01.02	112240	12 1.7
	01.99- 01.02	112853	14	130			
					01.03- 01.03	112902	12 1.2
					01.04-	112906	12 1.7
Sierra 5.3 1500	01.02-	112850	14	105	01.02-	112240	12 1.7
	01.03-	112853	14	130	01.03-	112906	12 1.7
Sierra 5.3 1500	01.99- 01.00	112850	14	105	01.99- 01.00	112240	12 1.7
	01.99- 01.00	112853	14	130	01.99- 01.00	112241	12 1.5
					01.01- 01.01	112902	12 1.2
					01.04-	112906	12 1.7
Sierra 5.3 2500	01.99- 01.00	112850	14	105	01.99- 01.00	112240	12 1.7
	01.99- 01.00	112853	14	130			
Sierra 6.0 1500 HD	01.01- 01.02	112850	14	105	01.01- 01.02	112240	12 1.7
	01.01- 01.02	112853	14	130	01.01- 01.02	112906	12 1.7
Sierra 6.0 1500 HD SLE	01.05-	112853	14	130	01.05-	112906	12 1.7
Sierra 6.0 1500 HD SLT	01.05-	112853	14	130			
Sierra 6.0 2500	01.99- 01.99	112850	14	105	01.99- 01.99	112240	12 1.7
	01.99- 01.99	112853	14	130			
Sierra 6.0 2500 HD	01.01- 01.02	112850	14	105	01.01- 01.02	112240	12 1.7
	01.01- 01.02	112853	14	130			
Sierra 6.0 3500	01.01- 01.02	112850	14	105	01.01- 01.02	112240	12 1.7
	01.01- 01.02	112853	14	130			
Sierra 6.0 C3	01.01- 01.01	112850	14	105	01.01- 01.01	112240	12 1.7
	01.01- 01.01	112853	14	130			
Sierra 6.0 Denali	01.02- 01.03	112850	14	105	01.02- 01.03	112240	12 1.7
	01.02- 01.03	112853	14	130			
Sierra 6.6 Turbo 2500 HD	01.01- 01.02	112850	14	105	01.01- 01.02	112240	12 1.7
	01.01- 01.02	112853	14	130			
Sierra 6.6 Turbo 3500	01.01- 01.02	112850	14	105	01.01- 01.02	112240	12 1.7
	01.01- 01.02	112853	14	130			
Sierra 8.1 2500 HD	01.01- 01.02	112850	14	105	01.01- 01.02	112240	12 1.7
	01.01- 01.02	112853	14	130			
Sierra 8.1 3500	01.01- 01.02	112850	14	105	01.01- 01.02	112240	12 1.7
	01.01- 01.02	112853	14	130			
Sierra 1500 6.0 CLASSIC SLE					01.07-	112240	12 1.7
Sierra 1500 6.0 CLASSIC SLT					01.07-	112240	12 1.7
SIERRA 1500 6.0 SLE [L76]					01.07-	112240	12 1.7
SIERRA 1500 6.0 SLT [L76]					01.07-	112240	12 1.7
SIERRA 1500 HD 6.0 Classic SLE					01.07-	112240	12 1.7
SIERRA 1500 HD 6.0 Classic SLT					01.07-	112240	12 1.7
SIERRA 1500 HD 6.0 SLE					01.06-	112240	12 1.7
SIERRA 1500 HD 6.0 SLT					01.06-	112240	12 1.7
SIERRA 2500 6.0					01.02-	112240	12 1.7
SIERRA 2500 6.0					01.02-	112240	12 1.7
SIERRA 2500 HD 6.0					01.02-	112240	12 1.7
SIERRA 2500 HD 6.0 Classic SL					01.07-	112240	12 1.7
SIERRA 2500 HD 6.0 Classic SLE					01.07-	112240	12 1.7
SIERRA 2500 HD 6.0 Classic SLT					01.07-	112240	12 1.7
SIERRA 2500 HD 6.0 Classic WT					01.07-	112240	12 1.7
SIERRA 2500 HD 6.0 SL					01.06-	112240	12 1.7
SIERRA 2500 HD 6.0 SLE					01.06-	112240	12 1.7
SIERRA 2500 HD 6.0 SLT					01.06-	112240	12 1.7
SIERRA 2500 HD 6.0 WT					01.06-	112240	12 1.7
SIERRA 2500 HD 6.0					01.02-	112240	12 1.7
SIERRA 3500 6.0 Classic SL					01.07-	112240	12 1.7
SIERRA 3500 6.0 Classic SLE					01.07-	112240	12 1.7
SIERRA 3500 6.0 Classic SLT					01.07-	112240	12 1.7
SIERRA 3500 6.0 Classic WT					01.07-	112240	12 1.7
SIERRA 3500 6.0 SL					01.06-	112240	12 1.7
SIERRA 3500 6.0 SLE					01.06-	112240	12 1.7
SIERRA 3500 6.0 SLT					01.06-	112240	12 1.7
SIERRA 3500 6.0 WT					01.06-	112240	12 1.7
Sierra 3500 6.0					01.04-	112240	12 1.7
Sierra 3500 HD 6.0 SLE					01.07-	112240	12 1.7
Sierra 3500 HD 6.0 SLT					01.07-	112240	12 1.7
Sierra 3500 HD 6.0 WT					01.07-	112240	12 1.7
SIERRA DENALI 6.0					01.06-	112240	12 1.7
SIERRA DENALI 6.0 Classic					01.07-	112240	12 1.7
Sonoma 2.5	01.91- 01.93	110499	14	100/105	01.91- 01.93	111034	12 1.2
Sonoma 4.3					01.96- 01.98	112240	12 1.7
					01.98- 01.98	112241	12 1.5
	01.91- 01.95	110500	14	100/105	01.91- 01.95	111034	12 1.2
	01.91- 01.95	110985	14	100/105			
	01.96-	111712	14	105			
Sonoma 4.3 GT	01.92- 01.92	110500	14	100/105	01.92- 01.92	111034	12 1.2
Sprint 5.0	01.71-	110075	14	60			
	01.72-	110233	14	63			
	01.73-	110505	14	75			
Sprint 6.6	01.71-	110075	14	60			
	01.72-	110233	14	63			



Sprint 4.1	01.71- 01.71	110075	14 60	01.71- 01.71	110216	12 1.4
	01.72- 01.72	110233	14 63			
	01.72- 01.72	110505	14 75			
Sprint 4.1 Custom	01.72- 01.72	110233	14 63	01.72- 01.72	110216	12 1.4
	01.72- 01.72	110505	14 75			
Sprint 5.0	01.77- 01.77	110505	14 75			
Sprint 5.0 Custom	01.77- 01.77	110505	14 75			
Sprint 5.7	01.71- 01.71	110075	14 60	01.71- 01.71	110216	12 1.4
	01.72- 01.72	110233	14 63			
	01.72- 01.72	110505	14 75			
Sprint 5.7 Custom	01.72- 01.72	110233	14 63	01.72- 01.72	110216	12 1.4
	01.72- 01.72	110505	14 75			
	01.74- 01.75	110505	14 75			
Sprint 6.6	01.74- 01.74	110505	14 75			
Sprint 6.6 Custom	01.71- 01.71	110075	14 60	01.71- 01.71	110216	12 1.4
Sprint 7.4	01.73- 01.73	110505	14 75			
	01.72- 01.72	110233	14 63	01.72- 01.72	110216	12 1.4
Sprint 7.4 Custom	01.73- 01.73	110505	14 75			
	01.91- 01.91	110500	14 100/105	01.91- 01.91	111034	12 1.2
Syclone 4.3 Turbo	01.91- 01.91	110985	14 100/105			
	01.55- 01.55	110505	14 75			
	01.58- 01.59	110505	14 75			
Truck 4.7	01.57- 01.57	110505	14 75			
Truck 5.5	01.92- 01.93	110500	14 100/105	01.92- 01.93	111034	12 1.2
Truck 5.7	01.87- 01.87	110233	14 63	01.87- 01.87	110216	12 1.4
Typhoon 4.3 Turbo	01.87- 01.87	110500	14 100/105			
V1500 4.3	01.87- 01.87	110471	14 94			
	01.87- 01.87	112640	14 100/105			
	01.87- 01.87	110500	14 100/105	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110505	14 75			
V1500 5.0	01.87- 01.87	110471	14 94			
	01.87- 01.87	112640	14 100/105			
	01.87- 01.87	110500	14 100/105	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110505	14 75			
V1500 5.7	01.87- 01.87	110471	14 94			
	01.87- 01.87	110984	14 100/105			
	01.87- 01.89	112629	14 100/105			
	01.91- 01.91	110500	14 100/105			
V1500 5.7 Suburban	01.87- 01.87	110505	14 75			
	01.87- 01.87	110471	14 94			
	01.87- 01.87	110984	14 100/105			
	01.87- 01.89	112629	14 100/105			
V1500 6.2	01.87- 01.87	110233	14 63	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110505	14 75			
	01.87- 01.87	110471	14 94			
	01.87- 01.90	110233	14 63	01.87- 01.90	110216	12 1.4
V1500 6.2 Suburban	01.87- 01.90	110505	14 75			
	01.87- 01.90	110471	14 94			
	01.91- 01.91	110984	14 100/105			
	01.87- 01.87	110505	14 75			
V2500 4.8	01.87- 01.87	110508	14 78			
	01.87- 01.87	110505	14 75			
	01.87- 01.87	110471	14 94			
	01.87- 01.87	110984	14 100/105			
V2500 5.7	01.87- 01.89	112629	14 100/105			
	01.91- 01.91	110500	14 100/105	01.91- 01.91	110216	12 1.4
	01.87- 01.87	110505	14 75			
	01.87- 01.87	110471	14 94			
V2500 5.7 Suburban	01.87- 01.87	110984	14 100/105			
	01.87- 01.89	112629	14 100/105			
	01.87- 01.87	110233	14 63	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110505	14 75			
V2500 6.2	01.87- 01.87	110471	14 94			
	01.87- 01.90	110233	14 63	01.87- 01.90	110216	12 1.4
	01.87- 01.90	110505	14 75			
	01.87- 01.90	110471	14 94			
V2500 6.2 Suburban	01.91- 01.91	110984	14 100/105			
	01.87- 01.87	110505	14 75			
	01.87- 01.87	110471	14 94			
	01.87- 01.87	110984	14 100/105			
V3500 4.8	01.87- 01.89	112629	14 100/105			
	01.91- 01.91	110500	14 100/105	01.91- 01.91	110216	12 1.4
	01.87- 01.87	110505	14 75			
	01.87- 01.88	110508	14 78			
V3500 5.7	01.87- 01.91	110505	14 75	01.87- 01.91	110216	12 1.4
	01.87- 01.88	112341	12 2.5			
	01.87- 01.91	110471	14 94			
	01.87- 01.91	110984	14 100/105			
V3500 6.2	01.87- 01.89	112629	14 100/105			
	01.87- 01.90	110233	14 63	01.87- 01.90	110216	12 1.4
	01.87- 01.90	110505	14 75			
	01.87- 01.90	110471	14 94			
V3500 7.4	01.91- 01.91	110984	14 100/105			
	01.87- 01.91	110233	14 63	01.87- 01.91	110216	12 1.4
	01.87- 01.91	110505	14 75			
	01.87- 01.91	110471	14 94			
Yukon 4.8	01.00- 01.02	112853	14 130	01.00- 01.02	112902	12 1.2
	01.00- 01.02	112850	14 105	01.00- 01.02	112240	12 1.7
Yukon 5.3	01.02- 01.02	112853	14 130	01.02- 01.02	112902	12 1.2
	01.02- 01.02	112850	14 105	01.02- 01.02	112240	12 1.7
Yukon 5.3 XL 1500	01.02- 01.02	112853	14 130			
	01.02- 01.02	112850	14 105	01.02- 01.02	112902	12 1.2
Yukon 5.3	01.00- 01.01	112853	14 130	01.00- 01.01	112902	12 1.2
	01.00- 01.02	112850	14 105	01.00- 01.02	112240	12 1.7
Yukon 5.3 XL 1500	01.00- 01.00	112853	14 130			
Yukon 5.3 XL 2500	01.00- 01.00	112853	14 130			
Yukon 5.7	01.92- 01.94	110500	14 100/105	01.92- 01.94	110216	12 1.4
	01.95- 01.95	112341	12 2.5			
	01.96- 01.96	112240	12 1.7			
Yukon 6.0 Denali	01.01- 01.01	112853	14 130	01.01- 01.01	112906	12 1.7
	01.02- 01.02	112850	14 105	01.02- 01.02	112240	12 1.7
Yukon 6.0 Denali XL	01.01- 01.01	112853	14 130	01.01- 01.01	112906	12 1.7
	01.01- 01.01	112850	14 105	01.01- 01.01	112240	12 1.7
Yukon 6.0 XL 2500	01.00- 01.01	112853	14 130			
	01.00- 01.01	112850	14 105	01.00- 01.01	112902	12 1.2
Yukon 6.0 XL 2500 SLE	01.05- 01.05	112853	14 130			



GMC Continued

Yukon 6.0 XL 2500 SLT		01.05-	112853	14	130				
Yukon 6.5 Turbo		01.94- 01.97	110500	14	100/105	01.94- 01.97	112341	12	2.5
		01.96-	111712	14	105	01.96-	112240	12	1.7
Yukon 8.1 XL 2500		01.01- 01.01	112853	14	130				
Yukon 8.1 XL 2500 SLE		01.05-	112853	14	130				
Yukon 8.1 XL 2500 SLT		01.05-	112853	14	130				
2.2						01.00- 01.02	112900	12	1.4
2.2						01.99- 01.00	112900	12	1.4
3.8		01.63- 01.67	110075	14	60	01.63- 01.67	110216	12	1.4
4.1		01.66- 01.67	110075	14	60	01.66- 01.67	110216	12	1.4
4.3		01.98- 01.00	112665	14	100	01.98- 01.00	112241	12	1.5
4.8		01.66- 01.67	110075	14	60	01.66- 01.67	112240	12	1.7
5.0		01.76- 01.76	110505	14	75	01.76- 01.76	112240	12	1.7
5.0 Custom		01.76- 01.76	110505	14	75	01.76- 01.76	112241	12	1.5
5.4		01.67- 01.67	110075	14	60	01.67- 01.67	112240	12	1.7
PASSENGER CARS AO									
Suburban 5.7	[L05]	01.96-	111712	14	105				
Suburban 6.5 TDi	[L56]	01.96-	111712	14	105				
Suburban 6.5 TDi AWD	[L56]	01.96-	111712	14	105				
Gmeinder									
MISCELLANEOUS									
Various Models						01.71- 12.80	110531	24	6.6
Grasshopper									
INDUSTRY									
722d	[Kubota]						114686	12	1.3
Great Wall									
PASSENGER CARS AO									
Steed 5 Pick-Up 2.4	[4G6954N]					01.12-	110811	12	1.2
Steed 5 Pick-Up 2.4 4x4	[4G6954N]					01.12-	110811	12	1.2
Guangzhou Honda									
PASSENGER CARS AO									
Accord 2.0	[R20A3]					AT 03.08-	114389	12	1.1
						03.08-	116543	12	1.2
Accord 2.4	[K24Z2]					01.08- 12.13	116770	12	1.6
Hako									
INDUSTRY									
CITYMASTER 600 Scrubbers and Sweepers	[3TNV88]		113742	14	40		112374	12	2.5
HAMSTER 1050 Scrubbers and Sweepers	[GX160]						113671	12	
HAMSTER 800 Scrubbers and Sweepers	[GX120]						113671	12	
HT 3000 D/DA Utility Vehicles	[103-15]		110770	14	55		110615	12	2.8
	[403C-15]		111355	14	65		115393	12	4.0
							112534	12	2.0
JONAS 1100 Scrubbers and Sweepers	[GX390]						113671	12	
JONAS 1550 Scrubbers and Sweepers	[GX390]						113671	12	
JONAS 950V Scrubbers and Sweepers	[GX200]						113671	12	
MIRAGE (PROPANE) Scrubbers and Sweepers	[GX390]						113671	12	
SWEEPMASTER D1500 RH Scrubbers and Sweepers	[D902-E]		113921	14	40		113966	12	1.4
Hamm									
INDUSTRY									
DV70 SERIES Rollers	[TD 2012]		116544	14	95		113181	12	2.3
			116547	14	120				
H 11i & H 11i P Rollers	[TCD4.1L4]		116544	14	95		113181	12	2.3
			116547	14	120				
H 13i H 13i P & H 13i VIO Rollers	[TCD4.1L4]		116544	14	95		113181	12	2.3
			116547	14	120				
H 16i & H 16i P Rollers	[TCD4.1L4]		116544	14	95		113181	12	2.3
			116547	14	120				
HD+ 120i VV & HD+ 120i VO Rollers	[TCD4.1L4]		116544	14	95		113181	12	2.3
			116547	14	120				
HD+ 140i VV & HD+ 140i VO Rollers	[TCD4.1L4]		116544	14	95		113181	12	2.3
			116547	14	120				
HD+ 70i VV HD+ 70i VO & HD+ 70i VT Rollers	[TCD 2.9L4]		116544	14	95		113181	12	2.3
			116547	14	120				
HD+ 80i VV/VV-S/VT/VT-S/VO/VO-S/OT Rollers	[TCD 2.9L4]		116544	14	95		113181	12	2.3
			116547	14	120				
HW 90B/10 & HW 90B/12 Rollers	[TD 2011 L4i]		116544	14	95		113181	12	2.3
			116547	14	120				
Hanomag									
INDUSTRY									
22C 4.1						02.80- 12.95	112670	24	4.0
33C 5.8	[A6.354.4]					07.80- 07.95	112670	24	4.0
44 C 7.2	[D943..]					02.80- 07.92	111003	24	5.4
55C 10.8	[D963B]					01.81- 03.96	111003	24	5.4
55C 9.5	[D962B]					02.80- 03.96	111003	24	5.4
600 D 9.5	[D962K]					02.80- 03.96	111003	24	5.4
66 C 10.8	[D963A..]					02.80- 03.96	111003	24	5.4
700 D 10.8	[D963A..]					04.80- 03.96	111003	24	5.4
77 C 10.8	[D963A..]					02.80- 03.96	111003	24	5.4
Harley Davidson									
MOTOR BIKES									
Dyna 1.4							116078	12	1.4
Softtail 1.4							116078	12	1.4
Touring 1.4							116078	12	1.4
Twin Cam 96 1.4							116078	12	1.4
Hatz									
MARINE									
Various Models						06.81-	112173	12	2.7
							114677	12	2.0
MOTORS									
Engine 0.3	[1D20]					04.89-	114106	12	1.6
Engine 0.4	[1D30]					04.89-	114106	12	1.6
	[1D40]					04.89-	114106	12	1.6



Engine	[1D81]			113982	12	2.0	A49
				116458	12	2.0	
Stationnaires 0.5 74	[1D60]		04.89- 08.90	112040	12	1.5	A49
			04.89-	116333	12	1.5	
Stationnaires 0.7 73	[1D80]		04.89- 08.90	112040	12	1.5	A49
			04.89-	116333	12	1.5	
Stationnaires 2.3		111226	14 50	112173	12	2.7	
Stationnaires 2.4		111226	14 50	112173	12	2.7	
Stationnaires 3.3		111226	14 50	112173	12	2.7	
Stationnaires 4.3		111226	14 50	112034	12	1.7	
Stationnaires	[2G40]		03.89-	112034	12	1.7	
Various Models				115324	12	1.9	
				114677	12	2.0	
				114398	24	4.0	
				114276	12	1.0	
				114117	12	1.0	
Hidromek							
INDUSTRY							
HMK 102 B & HMK 102S	[1104C-44T]	113763	14 85	113654	12	3.0	
HMK 200 W SERIES Excavators	[4HK1X]	116531	28 80	114659	24	5.0	
HMK 220 LC Excavators	[4HK1X]	116531	28 80	114659	24	5.0	
Hillman							
PASSENGER CARS EU							
Various Models			01.64- 01.73	111103	12	0.8	
Hitachi							
INDUSTRY							
80 Excavators	[4JG1]	115432	14 50	114038	12	2.2	
70ZIII Wheel Loaders and Dozers	[6BTA5.9]	111843	14 95				
DE-26J 50HZ Generator Sets	[V1505-E]	113856	14 40	111021	12	1.4	
DE-26J 60HZ Generator Sets	[V1505-E]	113856	14 40	111021	12	1.4	
DEERE 190D W Excavators	[4HK1X]	116481	28 50	114659	24	5.0	
		116531	28 80				
DEERE 200D W Excavators	[4HK1X]	116481	28 50	114659	24	5.0	
		116531	28 80				
DEERE 225D LC Excavators	[4HK1X]	116481	28 50	114659	24	5.0	
		116531	28 80				
EX10U Excavators	[D722-E]	114205	14 40	110447	12	1.0	
				114485	12	1.1	
				116537	12	1.4	
EX120 Excavators	[4BG1T]	115994	28 40	111254	24	4.5	
				114324	24	4.5	
EX130 Excavators	[4BG1T]	115994	28 40	111254	24	4.5	
				114324	24	4.5	
EX135 Excavators	[4BG1T]	115994	28 40	111254	24	4.5	
				114324	24	4.5	
EX150 Excavators	[4BG1T]	115994	28 40	111254	24	4.5	
				114324	24	4.5	
EX16-2 Excavators	[D722-E]	114205	14 40	110447	12	1.0	
				114485	12	1.1	
				116537	12	1.4	
EX17-2 Excavators	[D722-E]	114205	14 40	110447	12	1.0	
				114485	12	1.1	
				116537	12	1.4	
EX20 Excavators	[D722-E]	114205	14 40	110447	12	1.0	
				114485	12	1.1	
				116537	12	1.4	
EX200 Excavators	[6BT5.9]	111843	14 95				
EX210LC/S Excavators	[6BT5.9]	111843	14 95				
EX27-2 Excavators	[V1505-E]	113856	14 40	111021	12	1.4	
EX30 Excavators	[V1505-E]	113856	14 40	111021	12	1.4	
EX30-2 Excavators	[V1505-E]	113856	14 40	111021	12	1.4	
EX33MU Excavators	[D1503-E]	113921	14 40	113893	12	1.2	
EX35 Excavators	[V1505-E]	113856	14 40	111021	12	1.4	
EX35-2 Excavators	[V1505-E]	113856	14 40	111021	12	1.4	
EX40 Excavators	[V1505-E]	113856	14 40	111021	12	1.4	
EX8 Excavators	[D722-E]	114205	14 40	110447	12	1.0	
				114485	12	1.1	
				116537	12	1.4	
LX100 Wheel Loaders and Dozers	[6068T]	113986	14 120	115357	12	4.2	
				116535	12	3.0	
ZAX15	[Isuzu 4HK1/ 14HK1T]	116481	28 50	114659	24	5.0	
Zaxis 120 Excavators	[4BG1T]	115994	28 40	111254	24	4.5	
				114324	24	4.5	
ZAXIS 200 Forestry Equipment	[6068T]	113986	14 120	115357	12	4.2	
				116535	12	3.0	
ZAXIS 210 F-3 FORESTER Forestry Equipment	[4HK1X]	116531	28 80	114659	24	5.0	
ZAXIS 240 F-3 FORESTER Forestry Equipment	[4HK1X]	116531	28 80	114659	24	5.0	
ZAXIS 290 F-3 FORESTER Forestry Equipment	[4HK1X]	116531	28 80	114659	24	5.0	
ZAXIS 30 Excavators	[V1505-E]	113856	14 40	111021	12	1.4	
ZAXIS 35 Excavators	[V1505-E]	113856	14 40	111021	12	1.4	
Zaxis 70 Excavators	[4JG1]	115432	14 50	114038	12	2.2	
ZC220P-5 Rollers	[V3800DI-T-E]	113600	14 90	113727	12	2.7	
ZC35C Rollers	[D1703-M-DI]	113921	14 40	110356	12	1.4	
ZC35C-5 Rollers	[D1703-M-DI]	113921	14 40	110356	12	1.4	
ZC35T Rollers	[D1703-M-DI]	113921	14 40	110356	12	1.4	
ZC35T-5 Rollers	[D1703-M-DI]	113921	14 40	110356	12	1.4	
ZC50C Rollers	[D1703-M-DI]	113921	14 40	110356	12	1.4	
ZC50C-5 Rollers	[D1703-M-DI]	113921	14 40	110356	12	1.4	
ZC50T Rollers	[D1703-M-DI]	113921	14 40	110356	12	1.4	
ZC50T-5 Rollers	[D1703-M-DI]	113921	14 40	110356	12	1.4	
ZW140 Wheel Loaders and Dozers	[4HK1X]	116531	28 80	114659	24	5.0	
ZW150 Wheel Loaders and Dozers	[4HK1X]	116531	28 80	114659	24	5.0	
ZW180 Wheel Loaders and Dozers	[QSB6.7]	116317	28 70	114326	24	7.5	
ZW220 Wheel Loaders and Dozers	[QSB6.7]	116317	28 70	114326	24	7.5	
ZW30 Wheel Loaders and Dozers	[D1803-M-DI]	114085	14 40	114685	12	2.0	
ZW40 Wheel Loaders and Dozers	[V2203-M-DI]	110540	14 55	112489	12	2.7	
ZW50 Wheel Loaders and Dozers	[V2203-M-DI]	110540	14 55	112489	12	2.7	


HITACHI Continued

ZX110 Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
ZX120 Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
ZX130H Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
ZX135 Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
ZX135US Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
ZX170-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX170W Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX170W-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX190W Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX190W-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX200-3	[Isuzu 4HK1 / 14HK1T]	116481	28	50	114659	24	5.0
ZX200-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX200-3G Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX200-5B Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX200LC-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX20U-5A Excavators	[3TNV76]	113742	14	40			
ZX210 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX210H-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX210HBE-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX210K-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX210K-5G Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX210LC-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX210LC-5 & ZX210-5 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX210LC-6 & ZX210-6 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX210W Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX210W-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX22 Excavators	[3TNV76]	113742	14	40			
ZX225 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX225US-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX225US-5B Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX225USR-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX225USR-5B Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX22U-2 Excavators	[3TNV76]	113742	14	40			
ZX230	[Isuzu 4HK1 / 14HK1T]	116481	28	50	114659	24	5.0
ZX240	[Isuzu 4HK1 / 14HK1T]	116481	28	50	114659	24	5.0
ZX240-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX240-3G Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX240-5B Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX240LC-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX250 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX250H-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX250HBE-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX250K-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX250K-3G Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX250LC-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX250LC-5 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX250LC-6 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX270-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX270LC-3 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX27U-2 Excavators	[3TNV88]	113742	14	40	112374	12	2.5
ZX27U-3F Excavators	[3TNV88]	113742	14	40	112374	12	2.5
ZX280-5B Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX290LC-5 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
ZX30U-2 Excavators	[3TNV88]	113742	14	40	112374	12	2.5
ZX30U-3F Excavators	[3TNV88]	113742	14	40	112374	12	2.5
ZX30U-5B Excavators	[3TNV88]	113742	14	40	112374	12	2.5
ZX35 Excavators	[3TNV88]	113742	14	40	112374	12	2.5
ZX35U-2 Excavators	[3TNV88]	113742	14	40	112374	12	2.5
ZX35U-3F Excavators	[3TNV88]	113742	14	40	112374	12	2.5
ZX35U-5B Excavators	[3TNV88]	113742	14	40	112374	12	2.5
ZX60 Excavators	[4JG1]	115432	14	50	114038	12	2.2
ZX70 Excavators	[4JG1]	115432	14	50	114038	12	2.2
ZX75US-A Excavators	[4JG1]	115432	14	50	114038	12	2.2
Hoist							
FORK LIFTS							
BILLET TRK-50K Forklifts	[6BTA5.9]	111843	14	95			
F230-F350 SERIES Forklifts	[6BT5.9]	111843	14	95			
F400-F500 SERIES Forklifts	[6BT5.9]	111843	14	95			
F600-F1000 SERIES Forklifts	[6BT5.9]	111843	14	95			
FKS- F230-F450 Forklifts	[6BT5.9]	111843	14	95			
FKS- F500-F800 Forklifts	[6BT5.9]	111843	14	95			
FKS-F850-1000 Forklifts	[6BT5.9]	111843	14	95			
FSS STAND UP Forklifts	[6BT5.9]	111843	14	95			
P- P200-300 Forklifts	[6BT5.9]	111843	14	95			
P220-P360 SERIES Forklifts	[6BT5.9]	111843	14	95			
ROTATOR TRK-50K Forklifts	[6BTA5.9]	111843	14	95			
INDUSTRY							
ECH SERIES (EMPTY HANDLER) Rough	[QSB6.7]	116317	28	70	114326	24	7.5
ECH-3 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
ECH-4 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
ECH-5 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
ECH-6 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
ECH-7 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
ECH-8 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
FKS F230-F350 Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
FKS F400-F450@30 Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
FKS F450@36-F500@36 Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
FKS F600@40-F800@40 Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
FKS F900@36-F1000@36 Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
M150-M250 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
M270-M300 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
M270-M370 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
M350-M440 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
M400-M470 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
M520-M550 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5



M520-M600 Rough Terrain Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
NEPTUNE MARINE LIFT SER. Rough	[QSB6.7]		116317	28	70		114326	24	7.5
NEPTUNE SERIES MARINA LIFTS 15,000-55,000 LBS Rough Terrain Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P SERIES PNEUMATIC 22,000-125,000 LBS Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P SERIES RORO 36,000-80,000 LBS Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P/RORO/ECH/LCH Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P220@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P220-360S Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P240@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P260@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P280@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P280-360@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P280S@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P300@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P300S@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P330@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P330S@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P360@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P360@36 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P360@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P360@48 RORO Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P360S@24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P360S@36 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P400@36-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P400@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P450@36 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P450@36-P550@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P450@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P450L@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P520@36 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P520@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P520@48 RORO Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P550@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P600@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P650@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P650@48 RORO Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
P700@48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
RT220 RT249 RT260 RT280 & RT300	[QSB6.7]		116317	28	70		114326	24	7.5
TD6000-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD2200-24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD2400-24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD2600-24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD2800-24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD3000-24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD3300-24 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD3300S-24/36 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD3600-24/36/48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD3600S-24/36 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD4000-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD4500-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD4500S-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD5000-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD5200-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD5500-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD6500-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD7000-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
THD7200-48 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
Holden									
PASSENGER CARS AO									
Astra 1.8	[Z22E]	06.02- 12.06	116468	14	100				
Astra 2.0 Turbo	[Z20LET]	06.02- 06.02-	112416	14	100	06.02-	111848	12	1.0
			115619	14	120				
Astra 2.2	[Z22SE]	09.00- 07.04	116468	14	100				
Captiva 3.2 AWD		12.08-	114235	14	120				
Captiva 3.2 Executive 4WD		12.06-	114235	14	120				
Vectra 2.2	[Z22SE]	04.02- 04.02-	112416	14	100				
			115619	14	120				
Zafira 2.2	[Z22SE]	07.00- 02.06	113352	14	120	07.00- 02.06	114124	12	1.8
Honda									
PASSENGER CARS EU									
Accord 1.6 i	[D16B6]	10.98- 12.02	116343	14	90	AT 10.98- 12.02	112217	12	1.0
Accord 1.8 i	[F18B2]	10.98- 12.02	116343	14	90	10.98- 12.02	112214	12	1.6
						AT 12.99- 12.02	112217	12	1.0
Accord 2.0 TD	[Z0T2N]	02.99- 12.02	116343	14	90	02.99- 12.02	112214	12	1.6
Accord 2.0 TDi	[Z0T2N]					04.96-	113361	12	1.7
Accord 2.0	[F20B6]	12.99- 12.02	116343	14	90	AT 12.99- 12.02	111442	12	1.4
	[K20A6]					02.03- 05.08	116470	12	1.0
						04.03-	113821	12	1.4
		AC 02.03-	114272	14	100	02.03-	112214	12	1.6
	[R20A3]	07.08-	115836	14	105	07.08-	112214	12	1.6
						AT 07.08-	114389	12	1.1
						07.08-	116543	12	1.2
Accord 2.0 4WD	[K20A6]	02.03-	114272	14	100	02.03-	112214	12	1.6
						02.03- 05.08	116470	12	1.0
Accord 2.0 i 16V	[B20A8]	10.87- 12.89	111578	14	60	10.87- 12.89	112214	12	1.6
Accord 2.0 i	[F20B5]	02.98- 06.03	116343	14	90	02.98- 06.03	112214	12	1.6
	[F20B6]	10.98- 01.01	116343	14	90	10.98- 01.01	112214	12	1.6
	[F20B7]	02.98- 06.03	116343	14	90	AT 02.98- 06.03	111442	12	1.4
Accord 2.2 DTDi	[N22A1]	01.04-	114208	14	120	01.04-	112214	12	1.6
						01.04-	115327	12	2.0
Accord 2.2 i-DTEC	[N22B1]	07.08-	115983	14	130	07.08-	112214	12	1.6
						07.08-	115779	12	1.8
	[N22B2]	07.08-	115983	14	130	07.08-	112214	12	1.6
						07.08-	115779	12	1.8
Accord 2.2 Type-R	[H22A7]	02.99- 12.02	116343	14	90	02.99- 12.02	112214	12	1.6
Accord 2.3	[F23A1]	01.01- 12.02	116343	14	90	AT 01.01- 12.02	111442	12	1.4



HONDA Continued

	[F23Z5]	11.00- 12.02	116343	14 90	AT	11.00- 12.02	111442	12 1.4
						01.01- 12.02	112217	12 1.0
Accord 2.4	[K24A]	AC 02.03-	114272	14 100		02.03- 01.05	113821	12 1.4
						02.03-	112214	12 1.6
	[K24A3]	02.03-	114272	14 100		02.03-	112214	12 1.6
						02.03-	113821	12 1.4
	[K24Z3]	07.08- 06.15	116658	14 130	AT	07.08- 06.15	111442	12 1.4
				14 130		07.08-	113821	12 1.4
						07.08- 06.15	116770	12 1.6
Accord 2.4 VTEC	[K24A8]	04.06- 07.08	114272	14 100		04.06- 07.08	112214	12 1.6
Civic 1.3	[D13B1]	10.87- 12.89	111578	14 60		10.87- 12.89	112217	12 1.0
	[D13B2]	10.87- 09.91	111578	14 60		10.87- 09.91	110249	12 0.8
Civic 1.4	[D14A1]	10.87- 09.91	111578	14 60		10.87- 09.91	110249	12 0.8
	[D14Z5]	02.01- 09.05	113954	14 70		02.01- 09.05	111442	12 1.4
	[L13A7]	01.06-	114841	14 80		01.06-	113928	12 1.7
Civic 1.4 i S	[D14Z5]	02.01- 09.05	113954	14 70		02.01- 09.05	111442	12 1.4
	[D14Z6]	02.01- 09.05	113954	14 70		02.01- 09.05	111442	12 1.4
Civic 1.4 i	[D14A3]	11.95-	112349	14 70		11.95-	112217	12 1.0
	[D14A4]	11.95- 02.01	112349	14 70		11.95- 02.01	111442	12 1.4
	[D14A5]	09.95- 02.01	112349	14 70		09.95- 02.01	111442	12 1.4
	[D14A7]	09.95- 02.01	112349	14 70		09.95- 02.01	111442	12 1.4
	[D14Z1]	11.95- 02.01	112349	14 70		11.95- 02.01	111442	12 1.4
	[D14Z2]	11.95- 02.01	112349	14 70		11.95- 02.01	111442	12 1.4
	[D14Z3]	11.95-	112349	14 70		11.95-	111442	12 1.4
	[D14Z4]	11.95- 02.01	112349	14 70		11.95- 02.01	111442	12 1.4
	[D14Z6]	02.01- 09.05	113954	14 70	AT	02.01- 09.05	111442	12 1.4
Civic 1.5 i 16V	[D15B2]	10.87- 09.91	111578	14 60		10.87- 09.91	112217	12 1.0
						01.88- 11.91	110249	12 0.8
Civic 1.5 i	[D15B2]	10.88- 09.91	111578	14 60		10.88- 09.91	110249	12 0.8
Civic 1.6 i-DTEC	[N16A1]	12.12-	116643	14 150		12.12-	114816	12 0.8
Civic 1.6	[D16V1]	02.01- 09.05	113954	14 70		02.01- 09.05	111442	12 1.4
	[D16V6]	01.96- 04.00	112349	14 70		01.96- 04.00	111442	12 1.4
Civic 1.6 16V	[D16A7]	09.87- 09.91	111578	14 60		09.87- 09.91	110249	12 0.8
Civic 1.6 i 16V	[D16A6]	10.89- 09.91	111578	14 60		10.89- 09.91	110249	12 0.8
	[D16A7]	06.88- 09.91	111578	14 60		06.88- 09.91	110249	12 0.8
	[D16Z2]	06.88- 09.91	111578	14 60		06.88- 09.91	110249	12 0.8
Civic 1.6 i 16V 4WD	[D16A6]	01.88-	111578	14 60		01.88-	110249	12 0.8
Civic 1.6 i 16V 4WD	[D16A6]	01.88-	111578	14 60		01.88-	110249	12 0.8
						10.89- 09.90	112217	12 1.0
Civic 1.6 i	[D16V1]	02.01- 09.05	113954	14 70		02.01- 09.05	111442	12 1.4
	[D16Z2]	06.88- 09.91	111578	14 60		06.88- 09.91	112217	12 1.0
Civic 1.6 i GL	[D16A6]	06.88- 09.91	111578	14 60		06.88- 09.91	110249	12 0.8
Civic 1.6 iVTEC	[R16B1]					01.19-	116426	12 1.3
Civic 1.7 CTDi	[4EE-2]	01.02-	112271	14 100		01.02-	112217	12 1.0
Civic 1.7	[D17A6]	02.01- 09.05	113954	14 70		02.01- 09.05	111442	12 1.4
Civic 1.7 i	[D17A5]	05.01- 12.05	113954	14 70		05.01- 12.05	111442	12 1.4
	[D17A8]	05.01- 12.05	113954	14 70		05.01- 12.05	111442	12 1.4
	[D17A9]	05.01- 12.05	113954	14 70		05.01- 12.05	111442	12 1.4
Civic 1.8	[R18A2]	01.06-	115661	14 90		01.06-	113928	12 1.7
						01.06-	114389	12 1.1
	[R18Z1]	02.12-	115983	14 130		02.12-	115554	12 1.0
		02.12-	116793	14 95		02.12-	114816	12 0.8
					AT	02.12-	116426	12 1.3
	[R18Z4]	02.12-	115983	14 130		02.12-	115554	12 1.0
		02.12-	116793	14 95		02.12-	114816	12 0.8
					AT	02.12-	116426	12 1.3
Civic 1.8 i-VTEC	[R18Z4]				AT	01.14-	116426	12 1.3
Civic 1.8 VTEC	[R18Z4]				AT	02.12-	116426	12 1.3
Civic 2.0 TDiC	[Z0T2N]	04.98- 02.01	114386	14 90		04.98- 02.01	111442	12 1.4
						11.98- 10.00	113361	12 1.7
Civic 2.0 Type R	[K20Z4]	09.06-	114272	14 100		09.06-	111442	12 1.4
Civic 2.0 i Sport	[K20A3]					01.04- 09.05	115637	12 1.0
Civic 2.2 CTDi	[N22A2]	01.06-	114208	14 120		01.06-	111442	12 1.4
						01.06-	115627	12 2.0
Civic 2.2 DTEC	[N22B4]	02.12-	116148	14 150		02.12-	115554	12 1.0
						02.12-	115779	12 1.8
Civic CRX 1.6 i 16V Targa	[D16Y8]					03.92-	111442	12 1.4
	[D16Z6]					03.92- 12.98	111442	12 1.4
Concerto 1.5 i 16V	[D15B2]	08.89- 03.95	111578	14 60	AT	08.89- 03.95	111442	12 1.4
Concerto 1.6 16V	[D16Z1]	08.89- 03.95	111578	14 60				
Concerto 1.6 i 16V	[D16A8]	08.89- 03.95	111578	14 60				
	[D16Z2]	08.89- 03.95	111578	14 60	AT	08.89- 03.95	111442	12 1.4
CR-V 1.6 Diesel 4WD	[N16A4]	02.15-	116643	14 150				
CR-V 1.6 i-DTEC	[N16A1]	10.13-	116643	14 150				
CR-V 2.0	[R20A9]	10.12-	116590	14 105		10.12-	115627	12 2.0
CR-V 2.0 AWD	[R20A9]	10.12-	116590	14 105		10.12-	115627	12 2.0
CR-V 2.0 16V	[B20B]	10.95- 01.99	115865	14 95		10.95- 01.99	116426	12 1.3
	[B20Z1]	01.99- 02.02	115865	14 95		01.99- 02.02	115779	12 1.8
CR-V 2.0 i-VTEC	[R20A2]	01.07-	115836	14 105		01.07-	116426	12 1.3
CR-V 2.2 CTDi	[N22A2]	02.05-	114208	14 120		02.05-	113629	12 1.2
CR-V 2.2 DTEC 4WD	[N22B4]	10.12-	116148	14 150		10.12-	115637	12 1.0
CR-V 2.2 i CTDi	[N22A2]	01.07-	114208	14 120		01.07-	113629	12 1.2
		01.07-	115983	14 130		01.07-	115637	12 1.0
CR-V 2.2 i-DTEC	[N22B3]	01.07-	115983	14 130		01.07-	115637	12 1.0
CR-V 2.4 i-VTEC 4x4	[K24Z1]	10.06-	114272	14 100		10.06-	115327	12 2.0
CR-V 2.4 VTEC 4WD	[K24Z1]	09.09-	114272	14 100	AT	09.09-	114389	12 1.1
	[K24Z4]	09.09-	114272	14 100		09.09-	116543	12 1.2
CRX 1.6 i 16V	[D16A9]	10.87- 02.92	111578	14 60		10.87- 02.92	110249	12 0.8
	[D16Z5]	10.87- 02.92	111578	14 60				
Fit 1.3	[L13A1]	03.02- 09.07	114841	14 80				
FR-V 1.7	[D17A2]	02.05-	113954	14 70		02.05-	115327	12 2.0
FR-V 1.8	[R18A1]	01.07-	115661	14 90		01.07-	115681	12 1.2
FR-V 2.0	[K20A9]					02.05-	115637	12 1.0
FR-V 2.2 i CTDi	[N22A1]	07.05-	114208	14 120		07.05-	114389	12 1.1
HR-V 1.6 i-DTEC	[N16A3]	08.15-	116643	14 150		08.15-	116517	12 1.0
HR-V 1.6 16V	[D16W1]					03.99-	116517	12 1.0
HR-V 1.6 16V 4WD	[D16W5]					10.99-	116517	12 1.0
Integra 1.5	[D15A1]					10.85- 08.89	111442	12 1.4
						01.86- 01.88	110249	12 0.8



Integra 1.6	[D16A3]					01.86- 01.88	110249	12	0.8
						03.86- 08.89	111442	12	1.4
Jazz 1.2	[L12A1]	03.02- 07.08	114841	14	80	03.02- 07.08	110249	12	0.8
	[L12B1]					03.02- 12.05	115362	12	0.7
	[L13A1]	03.02-	114841	14	80	07.08-	116256	12	0.8
	[L13Z1]					03.02- 12.05	115362	12	0.7
Jazz 1.5 Flexfuel	[L15A3]	07.08-	116218	14	90	07.08-	116256	12	0.8
						07.08-	110249	12	0.8
Jazz Shuttle 1.5	[L15A]	03.11- 03.14	116218	14	90	07.08-	116256	12	0.8
						03.11- 03.14	116256	12	0.8
Legend 2.5 i	[C25A1]	01.86- 12.87	111578	14	60				
		01.88-	111609	14	70				
	[C25A2]	01.86- 12.87	111578	14	60				
Legend 2.7 i 24V	[C27A1]	01.88- 12.90	111609	14	70				
Logo 1.3 i	[D13B7]	03.99-	112349	14	70	Change pulley	03.99-	110249	12 0.8
Mobilio 1.5		12.01- 10.08	114841	14	80				
Prelude 2.0	[B20A3]	w/ Aut. choker 04.87- 01.92	111609	14	70	04.87- 01.92	112214	12	1.6 MS
	[B20A4]	w/ Aut. choker 04.87- 01.92	111609	14	70	04.87- 01.92	112214	12	1.6
Prelude 2.0 i 16V EX	[B20A1]	w/ Aut. choker 04.87- 01.92	111609	14	70	04.87- 01.92	112214	12	1.6 MS
	[B20A5]	w/ Aut. choker 04.87- 01.92	111609	14	70	04.87- 01.92	112214	12	1.6
	[B20A7]	w/ Aut. choker 10.87- 12.90	111609	14	70				
	[B20A9]	w/ Aut. choker 04.87- 01.92	111609	14	70	04.87- 01.92	112214	12	1.6
Stream 1.7 16V	[D17A2]					05.01-	115681	12	1.2
Stream 2.0 16V	[K20A1]					05.01-	115637	12	1.0
PASSENGER CARS US									
Accord 2.2 10TH Anniversary	[F22A1]					01.93- 01.93	112214	12	1.6
Accord 2.2 DX	[F22A1]					01.90- 01.93	112214	12	1.6
Accord 2.2 EX	[F22A1]					01.90- 01.91	112214	12	1.6
	[F22A4]					01.90- 01.91	112214	12	1.6
	[F22A6]					01.91- 01.93	112214	12	1.6
Accord 2.2 EX-R						01.91- 01.91	112214	12	1.6
Accord 2.2 LX	[F22A1]					01.90- 01.93	112214	12	1.6
Accord 2.2 SE	[F22A6]					01.91- 01.93	112214	12	1.6
Accord 2.4 DX	[K24A4]					01.03- 01.03	113821	12	1.4
Accord 2.4 EX	[K24A4]					01.03- 01.03	113821	12	1.4
Accord 2.4 LX	[K24A4]					01.03- 01.03	113821	12	1.4
Civic 1.5						01.88- 01.91	111442	12	1.4
		01.88- 01.91	111578	14	60	01.88- 01.91	110249	12	0.8
Civic 1.5 1500						01.85- 01.87	111442	12	1.4
Civic 1.5 1500 DX						01.84- 01.87	111442	12	1.4
		01.88- 01.88	111578	14	60	01.88- 01.88	110249	12	0.8
Civic 1.5 1500 GL						01.84- 01.84	111442	12	1.4
Civic 1.5 1500 S						01.84- 01.86	111442	12	1.4
Civic 1.5 1500 Si						01.86- 01.87	111442	12	1.4
Civic 1.5 CVCC	[ED2]	01.75- 01.76	110138	14	40	01.75- 01.76	110249	12	0.8
	[ED3]	01.76- 01.79	110138	14	40	01.76- 01.79	110249	12	0.8
	[ED4]	01.77- 01.79	110138	14	40	01.77- 01.79	110249	12	0.8
Civic 1.5 CX						01.89- 01.91	111442	12	1.4
		01.89- 01.91	111578	14	60	01.89- 01.91	110249	12	0.8
Civic 1.5 Del Sol S	[D15B7]					01.93- 01.95	110249	12	0.8
Civic 1.5 DX	[D15B2]	01.88- 01.91	111578	14	60	01.88- 01.91	110249	12	0.8
						01.88- 01.91	111442	12	1.4
	[D15B7]					01.92- 01.95	110249	12	0.8
Civic 1.5 GL	[EW1]					01.86- 01.86	111442	12	1.4
Civic 1.5 LX	[D15B2]	01.88- 01.91	111578	14	60	01.88- 01.91	110249	12	0.8
						01.88- 01.91	111442	12	1.4
	[D15B7]					01.92- 01.95	110249	12	0.8
Civic 1.5 SE						01.88- 01.88	111442	12	1.4
		01.88- 01.88	111578	14	60	01.88- 01.88	110249	12	0.8
Civic 1.5 VX	[D15Z1]					01.92- 01.95	110249	12	0.8
Civic 1.6 4WD	[D16A6]	01.88- 01.91	111578	14	60	01.88- 01.91	110249	12	0.8
						01.88- 01.91	111442	12	1.4
Civic 1.6 EX	[D16A6]	01.90- 01.91	111578	14	60	01.90- 01.91	110249	12	0.8
						01.90- 01.91	111442	12	1.4
Civic 1.6 Si	[D16A6]	01.89- 01.91	111578	14	60	01.89- 01.91	110249	12	0.8
						01.89- 01.91	111442	12	1.4
Civic 1.7		01.01- 04.06	115661	14	90	01.01- 04.06	110249	12	0.8
Civic 1.8 Flexfuel		11.06-	115661	14	90	11.06-	110249	12	0.8
		11.06-	116793	14	95				
						11.06-	114389	12	1.1
Civic 1.8 DX	[R18A1]					01.06-	114137	12	1.2
Civic 1.8 GX	[R18A4]					01.06-	114137	12	1.2
Civic 2.0	[K20Z4]	01.08-	115661	14	90	01.08-	110249	12	0.8
						01.08-	114389	12	1.1
CR-V 2.0 EX	[B20B4]					01.98- 01.98	113629	12	1.2
	[B20Z2]					01.99- 01.01	113629	12	1.2
CR-V 2.0 LX	[B20B4]					01.98- 01.98	113629	12	1.2
	[B20Z2]					01.99- 01.01	113629	12	1.2
CR-V 2.0 SE	[B20Z2]					01.00- 01.01	113629	12	1.2
CRX 1.5	[D15B2]	01.91- 01.91	111578	14	60	01.91- 01.91	110249	12	0.8
						01.91- 01.91	111442	12	1.4
CRX 1.5 1500						01.84- 01.87	111442	12	1.4
CRX 1.5 1500 HF						01.85- 01.87	111442	12	1.4
		01.88- 01.89	111578	14	60	01.88- 01.89	110249	12	0.8
CRX 1.5 1500 Si						01.85- 01.87	111442	12	1.4
CRX 1.5 DX	[D15B2]	01.88- 01.90	111578	14	60	01.88- 01.90	110249	12	0.8
						01.88- 01.90	111442	12	1.4
CRX 1.5 HF	[D15B6]	01.90- 01.91	111578	14	60	01.90- 01.91	110249	12	0.8
						01.90- 01.91	111442	12	1.4
CRX 1.6 Si	[D16A6]	01.88- 01.91	111578	14	60	01.88- 01.91	110249	12	0.8
						01.88- 01.91	111442	12	1.4
Passport 3.2 EX	[6VD1]	01.98- 01.00	113563	14	90				
Passport 3.2 LX	[6VD1]	01.98- 01.00	113563	14	90				
Prelude 2.0 2.0 S		01.88- 01.89	111609	14	70	01.88- 01.89	112214	12	1.6
Prelude 2.0 2.0 Si	[B20A5]	01.91- 01.91	111609	14	70	01.91- 01.91	112214	12	1.6
Prelude 2.0 2.0 Si 4WS		01.88- 01.89	111609	14	70	01.88- 01.89	112214	12	1.6
Prelude 2.0 SE		01.91- 01.91	111609	14	70				
Prelude 2.0 SR		01.90- 01.90	111609	14	70	01.90- 01.90	112214	12	1.6
Prelude 2.1 Si 4WS	[B21A1]	01.90- 01.91	111609	14	70	01.90- 01.91	112214	12	1.6


HONDA Continued

Prelude 2.1 Si ALB	[B21A1]	01.90- 01.91	111609	14	70	01.90- 01.91	112214	12	1.6
Prelude 2.1 Si	[B21A1]	01.90-	111609	14	70	01.90-	112214	12	1.6
Wagovan 1.5	[D15A2]					01.87- 01.87	110249	12	0.8
						01.87- 01.87	111442	12	1.4
	[EW1]					01.84- 01.85	110249	12	0.8
						01.84- 01.85	111442	12	1.4
PASSENGER CARS AO									
Accord 2.4	[K24A8]	09.06-	114272	14	100	09.06-	113821	12	1.4
Accord 2.4 VTEC E	[K24A2]					01.03- 09.05	113821	12	1.4
		09.03- 09.05	114272	14	100				
Accord 2.4 VTEC T	[K24A1]	09.03-	114272	14	100	09.03-	113821	12	1.4
Airwave 1.5	[L15A2]	06.04-	114841	14	80				
Airwave 1.5 iDSi MDS 4WD	[L15A2]	06.04-	114841	14	80				
Civic 1.6	[R16A1]	09.05- 09.05	113954	14	70	09.05- 09.05	114389	12	1.1
		09.05-	115661	14	90				
Civic 1.6 4WD	[D16A]	01.88- 12.92	111578	14	60	01.88- 12.92	111442	12	1.4
	[D16A7]	01.88- 12.92	111578	14	60	01.88- 12.92	111442	12	1.4
Civic 1.8	[R18A1]	09.05-	113954	14	70				
		09.05- 02.12	115661	14	90				
Concerto 1.6	[D16A9]	10.89- 10.92	111578	14	60				
CR-V 2.0	[B20Z1]	04.99- 02.02	115865	14	95	04.99- 02.02	113629	12	1.2
CR-V 2.4	[K24A1]					04.07-	115637	12	1.0
Fit 1.3	[L13A1]	05.03-	114841	14	80	05.03-	115362	12	0.7
Fit 1.5	[L15A2]	10.04-	114841	14	80				
Jazz 1.3						11.08-	116256	12	0.8
Jazz 1.5	[L15A]	04.02-	114841	14	80	04.02-	116256	12	0.8
	[L15A7]					01.12-	116256	12	0.8
Jazz 1.5 i	[L15A7]					07.08-	116256	12	0.8
MOTOR BIKES									
ATC250 0.2						01.87- 01.87	111921	12	0.6
GL1100 1.0 Gold Wing						01.75- 01.83	113538	12	0.6
GL1800 1.8 Goldwing		01.01- 12.04	114116	14	75				
GXC530							114375	12	0.6
TRX250 0.2						01.87- 01.87	111921	12	0.6
TRX250						01.87- 01.87	111921	12	0.6
						01.97-	111927	12	0.6
TRX300						01.88- 01.00	111921	12	0.6
TRX400FW 0.4						01.95- 12.02	114715	12	0.6
TRX450ES 0.4						01.95- 12.02	114715	12	0.6
TRX450S 0.4						01.95- 12.02	114715	12	0.6
Various		01.90-	113997	14	40				
MARINE									
BF135			115803	14	55				
BF150			115803	14	55				
BF75							114855	12	1.2
BF90							114855	12	1.2
Various Models							115525	12	1.2
INDUSTRY									
E SERIES Generator Sets	[GX120]						113671	12	
	[GX140]						113671	12	
	[GX160]						113671	12	
	[GX390]						113671	12	
EB23 Generator Sets	[GX160]						113671	12	
EB26 Generator Sets	[GX160]						113671	12	
EBR2300CX 50Hz Generator Sets	[GX160]						113671	12	
EBR2300CX 60Hz Generator Sets	[GX160]						113671	12	
EC1800 Generator Sets	[GX160]						113671	12	
EC2500 Generator Sets	[GX160]						113671	12	
EG6500 Generator Sets	[GX390]						113671	12	
EL6500 Generator Sets	[GX390]						113671	12	
EM23 Generator Sets	[GX160]						113671	12	
EM26 Generator Sets	[GX160]						113671	12	
EU30 Generator Sets	[GX200]						113671	12	
EU65 Generator Sets	[GX390]						113671	12	
EX22 Generator Sets	[GX160]						113671	12	
GX340 Small engine							113671	12	
GX390 Small engine							113671	12	
Various Models 9.9							113723	12	0.4
Various Models	[GD411, QXE4]						115993	12	1.4
W SERIES Pumps	[GX120]						113671	12	
	[GX160]						113671	12	
MOTORS									
GX270QAE2							113723	12	0.4
GX340 0.5							113231	12	0.5
GX340DE33							112246	12	0.6
GX390 0.5							113231	12	0.5
GX610							113594	12	0.6
GX620							113594	12	0.6
GX670	[24 HP]						113732	12	1.0
GXV340							115406	12	0.8
GXV390 0.5							115406	12	0.8
GXV390SE33							112246	12	0.6
GXV610							113594	12	0.6
GXV620							113594	12	0.6
Honda (Dongfeng)									
PASSENGER CARS AO									
CR-V 2.0		02.12-	116590	14	105				
CR-V 2.0 4WD		02.12-	116590	14	105				
Spirior 2.0	[R20Z8]	11.14-	116590	14	105				
Honda (GAC)									
PASSENGER CARS AO									
Accord 2.0		09.13-	116590	14	105				
Hongqi									
PASSENGER CARS AO									
Mazda 6 2.0						10.09-	116269	12	1.2
Howo									
MARINE									
WD615							114327	24	5.5



Hummer						
PASSENGER CARS EU						
Hummer H3 3.5	[L52]	04.05-	113777	14	145	
Husqvarna						
INDUSTRY						
450 Concrete and Industrial S	[GX160]				113671	12
2500 Concrete and Industrial S	[GX390]				113671	12
1613 S/P Concrete and Industrial S	[GX390]				113671	12
1613M Concrete and Industrial S	[GX390]				113671	12
CC2005G Concrete and Industrial S	[GX160]				113671	12
FELKER LS-4H Concrete and Industrial S	[GX120]				113671	12
FS300C Concrete and Industrial S	[GX160]				113671	12
FS452T Concrete and Industrial S	[GX390]				113671	12
FS500C Concrete and Industrial S	[GX390]				113671	12
GS-1000 Concrete and Industrial S	[GX200]				113671	12
GS-400 Concrete and Industrial S	[GX120]				113671	12
GS-800 Concrete and Industrial S	[GX160]				113671	12
GX-1500 Concrete and Industrial S	[GX200]				113671	12
IRON HORSE Forestry Equipment	[GX160]				113671	12
M13 & M13-SP Concrete and Industrial S	[GX390]				113671	12
M-13P/PES Concrete and Industrial S	[GX390]				113671	12
MC18 Concrete and Industrial S	[GX390]				113671	12
MCC4H Concrete and Industrial S	[GX120]				113671	12
MCSII 13H Concrete and Industrial S	[GX390]				113671	12
MG10 Concrete and Industrial S	[GX120]				113671	12
	[GX200]				113671	12
MG8 Concrete and Industrial S	[GX120]				113671	12
	[GX200]				113671	12
MICRO CON Concrete and Industrial S	[GX120]				113671	12
MPL-55H Surfacing Equipment	[GX160]				113671	12
MPL-55HS Surfacing Equipment	[GX160]				113671	12
M-VG13 Surfacing Equipment	[GX390]				113671	12
P-13 Concrete and Industrial S	[GX390]				113671	12
P1600H Pressure Washers	[GX160]				113671	12
P2000D Pressure Washers	[GX160]				113671	12
P2500D Pressure Washers	[GX200]				113671	12
P2700H Pressure Washers	[GX390]				113671	12
P3000B Pressure Washers	[GX390]				113671	12
P3500B Pressure Washers	[GX390]				113671	12
PAC III 13H Concrete and Industrial S	[GX390]				113671	12
PAC IV-13H Concrete and Industrial S	[GX390]				113671	12
PORTA SAW Concrete and Industrial S	[GX160]				113671	12
PS1455 Concrete and Industrial S	[GX160]				113671	12
R-13 Concrete and Industrial S	[GX390]				113671	12
SC18 TURF CUTTE Forestry Equipment	[GX160]				113671	12
SG13 HUSQVARNA Chippers/Grinders	[GX390]				113671	12
SG1314 Chippers/Grinders	[GX390]				113671	12
SGM2013H Concrete and Industrial S	[GX390]				113671	12
SGM2051/13H Concrete and Industrial S	[GX390]				113671	12
TS350S Concrete and Industrial S	[GX160]				113671	12
TS350X Concrete and Industrial S	[GX120]				113671	12
TS355G Concrete and Industrial S	[GX160]				113671	12
TS510G Concrete and Industrial S	[GX390]				113671	12
X-2500 Concrete and Industrial S	[GX390]				113671	12
X-450 Concrete and Industrial S	[GX160]				113671	12
Concrete and Industrial S	[GX160]				113671	12
Hyster						
FORK LIFTS						
150	[6.354]				01.63- 12.77	110569 12
20 25 30	[4.107]				01.69- 12.76	110506 12
	[4.108]				01.73- 12.76	110506 12
30 40 50	[3.152]				01.71- 12.77	110468 12
	[4.203]				01.71- 12.77	111049 12
					01.71- 12.78	110472 12 2.5
					01.71- 12.78	112175 12 3.0
					01.71- 12.78	113132 12 2.2
40 60	[4.154]				01.72- 12.78	110506 12
					01.72- 12.78	110573 12 2.0
					01.72- 12.78	112175 12 3.0
60 70 80 100	[4.203]				01.69- 12.76	110472 12 2.5
					01.69- 12.76	111049 12
					01.69- 12.76	112175 12 3.0
60 70 80 90	[4.203]				01.69- 12.78	110472 12 2.5
					01.69- 12.78	112175 12 3.0
					01.69- 12.78	113132 12 2.2
H.500XM Forklifts	[1104C-44]		114772	14 95		113654 12 3.0
			116456	14 95		114264 12 4.2
H1.6FT Forklifts	[4TNE92]		115320	14 45		112676 12 2.2
H1.6FT/H1.8 FT/H2.0FTS Forklifts	[4TNE92]		115320	14 45		112676 12 2.2
H135FT & H155FT Forklifts	[V3800DI-T-E]		113600	14 90		113727 12 2.7
H170FT H175FT & H190FT Forklifts	[V3800DI-T-E]		113600	14 90		113727 12 2.7
H2.0FT Forklifts	[4TNE92]		115320	14 45		112676 12 2.2
H2.0FT/H2.5FT Forklifts	[4TNE92]		115320	14 45		112676 12 2.2
H2.0FTS Forklifts	[4TNE92]		115320	14 45		112676 12 2.2
H2.0XT / H2.5XT / H3.0XT Forklifts	[4TNE92]		115320	14 45		112676 12 2.2
H2.5FT Forklifts	[4TNE92]		115320	14 45		112676 12 2.2
H3.0FT Forklifts	[4TNE92]		115320	14 45		112676 12 2.2
H3.50XM Forklifts	[1104C-44]		114772	14 95		113654 12 3.0
			116456	14 95		114264 12 4.2
H30FT H35FT & H40FTS Forklifts	[4TNE92]		115320	14 45		112676 12 2.2
H4.00XM-5 Forklifts	[1104C-44]		114772	14 95		113654 12 3.0
			116456	14 95		114264 12 4.2
H4.00XM-6 Forklifts	[1104C-44]		114772	14 95		113654 12 3.0
			116456	14 95		114264 12 4.2
H4.00XM-5 Forklifts	[1104C-44]		114772	14 95		113654 12 3.0
			116456	14 95		114264 12 4.2

**HYSTER** *Continued*

H4.50XM Forklifts	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
H40FT Forklifts	[4TNE92]	115320	14	45	112676	12	2.2
H40FT H50FT H60FT & H70FT Forklifts	[4TNE92]	115320	14	45	112676	12	2.2
H5.50XM Forklifts	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
H50CT Forklifts	[4TNE92]	115320	14	45	112676	12	2.2
H50FT Forklifts	[4TNE92]	115320	14	45	112676	12	2.2
H60FT Forklifts	[4TNE92]	115320	14	45	112676	12	2.2
H70FT Forklifts	[4TNE92]	115320	14	45	112676	12	2.2
H80FT H90FT H100FT H110FT & H120FT Forklifts	[V3800DI-T-E]	113600	14	90	113727	12	2.7
S135FT & S155FT Forklifts	[V3800DI-T-E]	113600	14	90	113727	12	2.7
Various Models 4.3	[GM Vortec]				115985	12	1.6
					116326	12	3.6
Various Models		113694	14	70	110449	12	3.6 A49
		115520	14	105			
					111273	12	2.7
					111049	12	
					01.63- 01.84	110569	12
					01.80- 01.92	110573	12 2.0
						111041	12 2.8
					01.61- 01.69	110506	12
					01.70- 01.88	112268	12 2.8
						112175	12 3.0
					01.70- 01.96	113172	12 2.0
					113985	12	2.7
					116326	12	3.6

INDUSTRY							
DB SER. 80-120 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
EB SER.130-160 Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
GP190-280DC Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
GP300-360EC Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H10.00XM/H12.00XM Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H16 XM/XMS Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H16.00XM/H18.00XM/H22.00XM Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H18.00XM/H22.00XM Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H18XM-12EC / H22XM-12EC / H23XM-12EC Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H190HD2 H210HD2 H230HD2 H230HD2S H250HD2 & H28 Rough Terrain Forklifts	[QSB4.5]	116317	28	70	114326	24	7.5
	[QSB6.7]	116317	28	70			
H210-48HD H230-48HD H250-48HD H300HD2 H300HD2S Rough Terrain Forklifts	[QSB4.5]	116317	28	70	114326	24	7.5
	[QSB6.7]	116317	28	70			
H210HD Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H230HD Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H250HD Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H280HD Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H28-32XM-16CH Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H300HD2 Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H330HD2 Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H360-36HD & H360-48HD (TIER 3) Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H360-36HD & H360-48HD (TIER 4) Rough Terrain Forklifts	[QSB4.5]	116317	28	70			
H360HD2 Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H400HD-EC5 H450HDS-EC6 H450HD-EC6 & H500HD-EC6 (Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H400HDS H400HD H450HDS & H450HD (TIER 3/4) Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H550HD H620HD H650HD H700HD H550HDS H650HDS & Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H6XM-12EC3 / H7XM-12EC4 Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5
H8-16 SERIES Rough Terrain Forklifts	[QSB6.7]	116317	28	70	114326	24	7.5

Hyundai										
PASSENGER CARS EU										
Accent 1.3	[G4E-A]	01.00-	111309	14	75	A13	01.00-	110479	12	0.9
		01.00-	113657	14	90	A13	01.00-	110315	12	0.9
							01.00-	110158	12	1.2
							01.00-	113659	12	0.9
	[G4EH]	08.02-	111309	14	75		08.02-	110479	12	0.9
		08.02-	113657	14	90		08.02-	110315	12	0.9
							08.02-	113659	12	0.9
						AT	10.94-	110958	12	0.9
		10.94-	111405	14	90					
							10.94-	110158	12	1.2
Accent 1.3 i 12V	[G4EH]	10.94- 07.99	111309	14	75	AT	10.94- 07.99	110958	12	0.9
		10.94- 07.99	111405	14	90					
Accent 1.4 GL	[G4EE]	11.05-	113657	14	90	A13	11.05-	110315	12	0.9
							11.05-	113659	12	0.9
Accent 1.5 CRDi	[D3-EA]	01.02-	114201	14	100		01.02-	110158	12	1.2
							01.02-	113796	12	1.7
Accent 1.5 CRDi GLS	[D4FA]						11.05-	113797	12	1.7
Accent 1.5	[G4EB]	01.00-	111309	14	75		01.00-	110479	12	0.9
		01.00-	113657	14	90	A13	01.00-	110315	12	0.9
						01.00-	113659	12	0.9	
	[G4EC-G]						01.00-	113638	12	1.4
		09.00-	111309	14	75	A13	09.00-	110479	12	0.9
							09.00-	113659	12	0.9



	[G4EK]	10.94- 07.99	111309	14 75		10.94- 07.99	110479	12 0.9
Accent 1.5 i 12V	[G4EK]	10.94- 07.99	111309	14 75	AT	10.94- 07.99	110958	12 0.9
		10.94- 07.99	111405	14 90		10.94- 07.99	110315	12 0.9
Accent 1.5 i 16V	[G4ER]	10.95-	111405	14 90	AT	10.95-	110958	12 0.9
Accent 1.6	[G4ED-G]	12.02-	113657	14 90		12.02-	110315	12 0.9
						12.02-	113659	12 0.9
Accent 1.6 GLS	[G4ED]	11.05-	113657	14 90	A13	11.05- 11.05-	110315	12 0.9
						11.05-	113659	12 0.9
Atos 1.0 i	[G4HC]	02.98-	113518	14 60		02.98-	112322	12 0.8
	[G4HC-E]	03.01- 03.01-	113518	14 60		03.01-	112322	12 0.8
		03.01-	113791	14 70				
Atos 1.1	[G4HG]	03.04-	113791	14 70				
Avante 1.4	[G4FA]	01.09- 11.11	114467	14 90	A25	01.09- 11.11	114887	12 1.4
		01.09- 11.11	116226	14 110	A25	01.09- 11.11	115729	12 1.6
		A25 01.09- 11.11	115715	14 90		01.09- 11.11	115757	12 0.9
Avante 1.6 CRDi	[D4FB]	10.07- 11.11	114495	14 120		10.07- 11.11	114443	12 0.9
		A25 10.07- 11.11	115587	14 120 A49		10.07- 11.11	116709	12 0.85
Avante 1.6	[G4FG]	06.11- 12.15	114467	14 90		06.11- 12.15	113797	12 1.7
Avante 1.6 16V	[G4GR]	06.95- 09.00	111405	14 90		06.95- 09.00	111307	12 1.2
Coupe 1.6 16V	[G4ED-G]	03.02-	113657	14 90		03.02-	110315	12 0.9
						03.02-	113659	12 0.9
	[G4GR]	03.98-	111405	14 90		03.98-	111307	12 1.2
Coupe 1.6 i 16V	[4G61]	12.96-	111405	14 90		12.96-	111307	12 1.2
Coupe 2.0	[G4GC-G]	03.02-	113657	14 90		03.02-	113659	12 0.9
Coupe 2.0 GLS	[G4GC-G]	02.03-	113657	14 90		02.03-	111307	12 1.2
Coupe 2.0 16V	[G4DF]	03.01- 01.02	111405	14 90		03.01- 01.02	111307	12 1.2
		04.02-	113657	14 90				
	[G4GF]	08.96-	111405	14 90	AT	08.96-	110958	12 0.9
Coupe 2.7	[G6BA-G]	01.07-	115855	14 120				
Coupe 2.7 V6	[G6BA-G]	03.02-	113652	14 110				
Elantra 1.4	[G4FA]	01.13-	116192	14 90 A49		01.13-	113659	12 0.9
		A25 01.13-	116226	14 110 A49	A25	01.13-	116026	12 1.4
						01.13-	114443	12 0.9
						01.13-	114892	12 0.9
						01.13-	115757	12 0.9
						01.13-	113797	12 1.7
Elantra 1.6 CRDi	[D4FB]	11.05- 12.11	114495	14 120		11.05- 12.11	113659	12 0.9
Elantra 1.6	[G4ED-G]	05.03- 06.00-	113657	14 90	AT	06.00-	110958	12 0.9
			111309	14 75		05.03-	111307	12 1.2
						05.03-	110315	12 0.9
	[G4FG]	06.11-	114467	14 90		06.11-	113659	12 0.9
						06.11-	115757	12 0.9
						06.11- 12.15	116709	12 0.85
						02.16-	114443	12 0.9
	[G4GA]	09.03-	113657	14 90		09.03-	113329	12 2.0
Elantra 1.6 16V	[G4GR]	06.98- 05.00	111405	14 90		06.98- 05.00	111307	12 1.2
Elantra 1.6 CVT	[G4FC]	06.06-	114467	14 90		06.06-	113659	12 0.9
						06.06-	114892	12 0.9
Elantra 1.6 MPI	[G4FC]	A25 06.14-	116226	14 110 A49		06.14-	113659	12 0.9
		A25 06.14-	116403	14 130	A25	06.14-	116026	12 1.4
		06.14-	116192	14 90 A49		06.14-	114443	12 0.9
						06.14-	114892	12 0.9
						06.14-	115757	12 0.9
					A25	06.14-	114887	12 1.4
Elantra 1.8	[G4BB]	06.00-	111309	14 75		06.00-	111307	12 1.2
	[G4GB]	11.02-	113657	14 90		11.02-	113329	12 2.0
Elantra 2.0 CRDi	[D4EA]	04.01-	113328	14 120		04.01-	110315	12 0.9
						04.01-	111307	12 1.2
Elantra 2.0	[G4GC]	09.00-	111309	14 75	AT	09.00-	110958	12 0.9
						10.03-	111307	12 1.2
		AC 10.03-	113657	14 90		10.03-	110315	12 0.9
	[G4GC-G]	06.00-	111309	14 75		06.00-	111307	12 1.2
Excel 1.3	[G4DG]	01.94-	111309	14 75		01.94-	110479	12 0.9
Galloper 2.5 Diesel Intercooler	[D4BH]	08.98-	113519	14 90		02.97- 09.02	111476	12 2.0
						08.98-	110809	12 2.0
						08.98-	111461	12 2.2
						08.98-	111565	12 2.2
						08.98-	111912	12 2.2
Galloper 2.5 TCi Intercooler	[D4BH]	08.98-	113519	14 90		02.97- 09.02	111476	12 2.0
						08.98-	110809	12 2.0
						08.98-	111461	12 2.2
						08.98-	111565	12 2.2
Galloper 2.5 TD	[4D56T]					08.91- 07.98	111461	12 2.2
	[D4BA]	08.98-	113519	14 90		08.98-	110809	12 2.0
						08.98-	111461	12 2.2
						08.98-	111565	12 2.2
Galloper 2.5 TD Intercooler	[4D56T]				AT	08.91- 07.98	111461	12 2.2
					A13	08.91- 07.98	111565	12 2.2
						08.91- 07.98	111476	12 2.0
Galloper 3.0 V6	[6G72]					08.91- 07.98	111241	12 1.2
	[G6AT]				A13	02.97- 08.01	111565	12 2.2
						02.97- 08.01	111476	12 2.0
Genesis 2.0 Turbo	[G4KF]					01.08-	115569	12 1.2
						11.11-	115758	12 1.2
Genesis Coupe 2.0 Turbo	[G4KF]					04.12-	115569	12 1.2
						04.12-	115758	12 1.2
Getz 1.1	[G4HD]	09.02-	113791	14 70	Change pulley	09.02-	113659	12 0.9
Getz 1.3	[G4E-A]	09.02-	113657	14 90		09.02-	112322	12 0.8
Getz 1.4	[G4EE]	08.05-	113657	14 90		08.05-	110479	12 0.9
Getz 1.5 CRDi	[D3-EA]	03.03-	113863	14 90		03.03-	113659	12 0.9
		03.03-	114201	14 100		03.03-	113796	12 1.7
	[D4FA]	08.05-	113863	14 90		08.05-	113659	12 0.9
						08.05-	113797	12 1.7
Getz 1.5 CRDi GLS	[D4FA]	08.05-	114201	14 100		08.05-	113796	12 1.7
Getz 1.6	[G4ED-G]	09.02-	113657	14 90		09.02-	110479	12 0.9
Grace 2.6 Diesel	[D4BB]	10.99- 10.04	113519	14 90		10.99- 10.04	110809	12 2.0
						10.99- 10.04	111912	12 2.2
Grand Santa Fé 2.2 CRDi	[D4HB]	06.13-	115632	14 150		06.13-	115626	12 2.0
Grand Santa Fé 2.2 CRDi 4X4	[D4HB]	10.15-	115632	14 150		10.15-	115626	12 2.0



HYUNDAI Continued

Grandeur 2.2 CRDi	[D4EB]	06.06-	114509	14	150	06.06-	115977	12	1.2
		06.06-	115409	14	120	06.06-	115758	12	1.2
Grandeur 2.4 16V	[G4KJ]	01.11-	115603	14	110				
Grandeur 3.3	[G6DB]	04.05-	115737	14	130				
H-1 2.5 CRDi	[D4CB]	08.02-	113792	14	110	02.08-	113937	12	2.2
		5 Speed 02.08-	116027	14	110	07.08-	115978	12	2.2
		02.08-	116215	14	130	07.08-	113445	12	2.2
						08.02-	111461	12	2.2
H-1 2.5 CRDi Starex	[D4CB]	06.06- 12.07	112333	14	110	06.06- 12.07	111912	12	2.2
		06.06- 12.07	113330	14	75	A13 06.06- 12.07	111461	12	2.2
H-1 2.5 CRDi Travel	[D4CB]	05.08-	116215	14	130	05.08-	115978	12	2.2
		5 Speed 05.08-	116027	14	110	05.08-	111476	12	2.0
H-1 2.5 Diesel Starex	[D4BF]	10.97-	113330	14	75	A13 10.97-	111461	12	2.2
		AC 10.97-	112333	14	110	10.97-	111912	12	2.2
H-1 2.5 TD	[D4BF]	03.00- 09.00	112205	14	90	03.00- 09.00	110809	12	2.0
		03.00-	112333	14	110	03.00- 09.00	111565	12	2.2
		03.00- 09.00	113330	14	75				
	[D4BH]	09.00-	112205	14	90	09.00-	110809	12	2.0
		AC 09.00-	112333	14	110	09.00-	110811	12	1.2
						10.01-	111912	12	2.2
H-1 / Starex 2.5 CRDi	[D4CB]	12.02- 04.04	113792	14	110	12.02- 04.04	113937	12	2.2
H-1 Cargo 2.5 CRDi	[D4CB]	02.08-	116215	14	130	02.08-	115978	12	2.2
		5 Speed 02.08-	116027	14	110	02.08-	113797	12	1.7
		5 Speed				08.11-	113937	12	2.2
	[D4CB-L]	02.08-	116215	14	130	02.08-	115978	12	2.2
		5 Speed 02.08-	116027	14	110	02.08-	113937	12	2.2
	[D4CB-W]	08.09-	116215	14	130	08.09-	115978	12	2.2
		5 Speed 08.09-	116027	14	110				
H-1 Starex 2.4	[G4JS]					06.01- 12.06	110811	12	1.2
H-100 2.5 Diesel	[D4BA]	07.93-	113343	14	65	07.93-	111912	12	2.2
						07.94- 03.00	111461	12	2.2
						12.94-	110811	12	1.2
						07.93- 03.00	110809	12	2.0
	[D4BX]	07.93-	113343	14	65	07.93-	111912	12	2.2
						07.93-	111461	12	2.2
H-100 2.5 TD	[D4BF]	07.93- 03.00	113343	14	65	07.93- 03.00	111912	12	2.2
						07.93- 03.00	111461	12	2.2
H-100 Bakkie 2.5 TCi	[D4BH]					01.04- 12.12	113445	12	2.2
H-100 P 2.4	[G4CS]					07.93-	110811	12	1.2
H-100 P 2.5 Diesel	[D4BA]	w/o ABS 07.93- 03.00	113343	14	65	07.93- 12.94	111912	12	2.2
						07.94-	111461	12	2.2
						07.93- 03.00	110809	12	2.0
	[D4BX]					07.93- 12.94	111461	12	2.2
						07.93- 12.94	111912	12	2.2
i10 1.0	[G3LA]	01.11-	116502	14	70	12.13-	116260	12	0.9
		01.11- 12.17	116706	14	90	01.11-	116249	12	0.8
		12.13-	116399	14	90				
		A25 01.11-	116196	14	70				
i10 1.1 CRDi	[D3FA]	01.08-	113863	14	90	01.08-	112322	12	0.8
i10 1.1	[G4HG]	01.08-	115654	14	70	01.08-	112322	12	0.8
						04.11-	115390	12	1.2
i10 1.1	[G4HG]	01.09- 12.13	113791	14	70	01.09- 12.13	112322	12	0.8
		01.09- 12.13	115654	14	70	A25 01.09- 12.13	115390	12	1.2
i10 1.2	[G4LA]	11.08- 01.10	115815	14	70	11.08- 01.10	114760	12	0.8
		01.10-	115827	14	70	01.10-	114821	12	0.9
		04.11-	115980	14	70				
i10 1.2	[G4LA]	01.10- 12.13	115815	14	70	01.10- 12.13	114821	12	0.9
		01.10- 12.13	115827	14	70	A49			
i20 1.1 CRDi	[D3FA]	03.12-	114495	14	120	03.12-	115390	12	1.2
		05.15-	116402	14	130	03.12-	115729	12	1.6
						05.15-	116260	12	0.9
i20 1.2	[G4LA]	09.08- 04.10	115815	14	70	09.08- 04.10	114821	12	0.9
		04.10-	115827	14	70	04.10-	114443	12	0.9
		03.12-	115430	14	90	03.12-	114760	12	0.8
i20 1.2	[G4LA]	01.09- 08.14	115815	14	70	01.09- 08.14	114443	12	0.9
		01.09- 08.14	115827	14	70	A25 01.09- 08.14	116428	12	1.2
i20 1.2	[G4AG]	12.08- 08.14	115815	14	70	12.08- 08.14	114821	12	0.9
		12.08- 08.14	115827	14	70	A49 12.08- 08.14	116709	12	0.85
i20 1.4 CRDi	[D4FC]	05.15-	116402	14	130	08.09-	115390	12	1.2
		08.09-	114495	14	120	A25 08.09-	116428	12	1.2
		08.09-	116191	14	130	08.09-	115729	12	1.6
						A25 05.15-	116026	12	1.4
						05.15-	116260	12	0.9
i20 1.4	[G4FA]	09.08-	114467	14	90	09.08-	113797	12	1.7
		09.08-	115715	14	90	09.08-	114760	12	0.8
		09.08-	116192	14	90	09.08-	116249	12	0.8
		09.08-	116226	14	110	09.08-	116260	12	0.9
i20 1.4	[G4FA]	12.08- 12.12	116192	14	90	A49 12.08- 12.12	115390	12	1.2
		A25 12.08- 12.12	116226	14	110	A25 12.08- 12.12	114887	12	1.4
		12.08- 12.12	114467	14	90	12.08- 12.12	116260	12	0.9
		12.08- 12.12	115715	14	90	A25 12.08- 12.12	116026	12	1.4
i20 1.6 CRDi	[D4FB]	01.09-	113863	14	90	01.09-	113797	12	1.7
		01.09-	114495	14	120	01.09-	114760	12	0.8
i20 1.6	[G4FC]	09.08-	114467	14	90	09.08-	115390	12	1.2
		09.08-	115715	14	90	A25 09.08-	114887	12	1.4
i20 Coupe 1.2	[G4LA]					05.15-	116260	12	0.9
i20 Elite 1.2 LPG	[G4LA]					A25 01.19-	115390	12	1.2
						01.19-	116260	12	0.9
i30 1.4 CRDi	[D4FC]	06.12-	116191	14	130	11.11-	115729	12	1.6
						A25 06.12-	114887	12	1.4
i30 1.4	[G4FA]	05.13-	116226	14	110	10.07-	113797	12	1.7
		10.07-	114467	14	90	A25 10.07-	114887	12	1.4
		10.07-	115715	14	90	11.11-	115757	12	0.9
		12.11-	116192	14	90	12.11-	114892	12	0.9
						A25 10.12-	116026	12	1.4
						05.13-	114443	12	0.9
						05.13-	116258	12	1.7



	[G4LC]	01.15- 01.15-	116192 116226	14 90 14 110		01.15- 01.15- A25 01.15- 01.15-	114443 116258 116026 115757	12 0.9 12 1.7 12 1.4 12 0.9	
i30 1.6 CDi	[D4FB]					A25 01.17- 01.17-	116283 116271	12 1.8 12 1.7	
i30 1.6 CRDi	[D4FB]	10.07- A25 10.07- 11.11 12.11-	114495 115587 116191	14 120 14 120 14 130		10.07- A25 10.07- A25 11.11- 11.11- A25 12.11- AT 12.11- 05.15-	113797 115729 116283 116271 114887 116276 114892	12 1.7 12 1.6 12 1.8 12 1.7 12 1.4 12 1.7 12 0.9	
	[D4FB-5P]	06.12-	116191	14 130		06.12- AT 06.12- A25 06.12- 06.12- 06.12-	114887 116276 116283 115729 116271	12 1.4 12 1.7 12 1.8 12 1.6 12 1.7	
	[D4FE]					A25 08.18- 08.18-	116283 116271	12 1.8 12 1.7	
	[G4LC]	05.13-	116191	14 130		05.13- AT 05.13- A25 05.13- 05.13- 05.13-	114892 116276 116283 115729 116271	12 0.9 12 1.7 12 1.8 12 1.6 12 1.7	
i30 1.6 CRDi VGT	[D4FB]					A25 03.17- 03.17-	116283 116271	12 1.8 12 1.7	A49 A49
i30 1.6	[G4FC]	10.07- 10.07- 01.12- A25 01.12-	114467 115715 116192 116226	14 90 14 90 14 90 14 110		10.07- A25 10.07- 01.12- 01.12- A25 10.12- 10.12-	113797 114887 114892 115757 116026 114443	12 1.7 12 1.4 12 0.9 12 0.9 12 1.4 12 0.9	
	[G4FG]	06.12- A25 06.12-	116192 116226	14 90 14 110		06.12- 06.12- 06.12- A25 10.12- 06.12-	114778 114820 115757 116026 116258	12 2.0 12 1.2 12 0.9 12 1.4 12 1.7	
i30 1.6 GDi	[G4FD]	12.11- 05.13-	116192 116226	14 90 14 110		11.11- 12.11- 06.12- A25 10.12- 05.13- 05.13-	115757 114892 114778 116026 114443 116258	12 0.9 12 0.9 12 2.0 12 1.4 12 0.9 12 1.7	
	[G4FG]	12.11- A25 11.11-	116192 116226	14 90 14 110		11.11- 12.11- A25 10.12- 11.11-	115757 114892 116026 114443	12 0.9 12 0.9 12 1.4 12 0.9	
i30 1.6 T-GDi	[G4FJ]	01.15-	116403	14 130		01.15-	116258	12 1.7	A49
i30 1.6 GDi	[G4FD]	A25 05.15- A25 05.15- 05.15-	116226 116403 116192	14 110 A49 14 130 14 90 A49		05.15- A25 05.15- 05.15- 05.15- 05.15-	114443 116026 115757 116258 116271	12 0.9 12 1.4 12 0.9 12 1.7 12 1.7	
i30 1.6 MPI	[G4FC]	A25 06.14- A25 06.14- 06.14-	116226 116403 116192	14 110 A49 14 130 14 90 A49		06.14- A25 06.14- 06.14- 06.14-	114443 116026 115757 116258	12 0.9 12 1.4 12 0.9 12 1.7	
i30 2.0 CRDi	[D4EA]	10.07- 11.11	115409	14 120		10.07- 11.11	113797	12 1.7	
i30 2.0	[G4GC-G]	10.07-	114857	14 90		10.07-	113797	12 1.7	
i30 CW 1.4	[G4FA]	10.07- 10.07- 06.12 A25 10.07- 06.12	114467 116226 115715	14 90 14 110 14 90		10.07- 11.09-	114820 114892	12 1.2 12 0.9	
i30 CW 1.6 CRDi	[D4FB]	02.08- 06.12	114495	14 120		02.08- 06.12	114443	12 0.9	
i30 CW 1.6	[G4FC]	02.08- 02.08- 06.12	114467 115715	14 90 14 90		02.08- 02.08-	113797 114892	12 1.7 12 0.9	
i30 CW 2.0	[G4GC-G]	02.08- 06.12	114857	14 90		A25 02.08- 06.12	115729	12 1.6	
i40 1.6 GDi	[G4FD]	03.12-	116226	14 110		03.12- A25 07.12-	116429 116026	12 1.2 12 1.4	
i40 1.7 CRDi	[D4FD]	03.12- 05.15-	116191 116402	14 130 14 130		A25 03.12- 03.12- A25 03.12- 01.15- 05.15- 05.15- 05.15-	114887 115446 116283 114443 116709 116429 116271	12 1.4 12 1.7 12 1.8 12 0.9 12 0.85 12 1.2 12 1.7	A49
i40 2.0	[G4NA]	12.14-	116721	14 120		A25 12.14-	116255	12 1.9	
i40 2.0 CVT		10.12-	116721	14 120		A25 10.12-	116255	12 1.9	
i40 2.0 GDi	[G4NC]	03.12-	116721	14 120		03.12-	116429	12 1.2	
i40 2.0 CVT	[G4NA]	07.11-	116721	14 120		A25 07.11-	116255	12 1.9	
i40 CW 1.6 GDi	[G4FD]	07.11-	116226	14 110		A25 07.11- A25 07.12-	116255 116026	12 1.9 12 1.4	
i40 CW 1.7 CRDi	[D4FD]	07.11-	116191	14 130		A25 07.11- 07.11- A25 07.11- 01.15-	114887 114443 116283 116709	12 1.4 12 0.9 12 1.8 12 0.85	
i40 CW 2.0 CVT		10.12-	116721	14 120		A25 10.12-	116255	12 1.9	
i40 CW 2.0 GDi	[G4NA]	12.14-	116721	14 120		A25 12.14-	116283	12 1.8	
	[G4NC]	07.11-	116721	14 120		A25 07.11-	116255	12 1.9	
ix20 1.4 CRDi	[D4FC]	A25 11.10-	116191	14 130		11.10- 11.10-	115729 113797	12 1.6 12 1.7	
	[D4FC-M]	A25 06.11-	116191	14 130		06.11- 06.11-	115729 113797	12 1.6 12 1.7	
ix20 1.4 CVT	[D4FA]	11.10- A25 11.10-	116192 116226	14 90 14 110		A25 11.10- 11.10- A25 06.12- 11.10-	114887 115757 116026 114892	12 1.4 12 0.9 12 1.4 12 0.9	



HYUNDAI Continued

ix20 1.4 LPG	[G4FA]	A25	11.10-	116192	14	90	A25	11.10-	114887	12	1.4
			11.10-	116226	14	110	A25	11.10-	116026	12	1.4
								11.10-	115757	12	0.9
								11.10-	114443	12	0.9
ix20 1.6 CRDi	[D4FB]	A25	06.11-	116191	14	130	A25	06.11-	116283	12	1.8
								06.11-	115729	12	1.6
								06.11-	116271	12	1.7
								06.11-	113797	12	1.7
ix20 1.6 CVVT	[G4FC]	A25	11.10-	116192	14	90	A25	11.10-	114887	12	1.4
			11.10-	116226	14	110		11.10-	115757	12	0.9
							A25	06.12-	116026	12	1.4
								11.10-	114892	12	0.9
ix20 1.6 LPG	[G4FC]	A25	11.10-	116192	14	90	A25	11.10-	114887	12	1.4
			11.10-	116226	14	110	A25	11.10-	116026	12	1.4
								11.10-	115757	12	0.9
								11.10-	114443	12	0.9
ix35 1.6	[G4FD]		11.10-	116226	14	110		11.10-	115758	12	1.2
ix35 1.6 GDi	[G4FD]		05.15- 12.15	116226	14	110		05.15- 12.15	115758	12	1.2
ix35 1.7 CRDi	[D4FD]	A25	09.10- 12.15	116191	14	130	A25	09.10- 12.15	115757	12	0.9
								11.10-	116026	12	1.4
ix35 2.0 CRDi	[D4HA]		08.09- 12.15	115747	14	150		08.09- 12.15	116271	12	1.7
			01.10-	115351	14	150		01.10-	115626	12	2.0
								01.10-	114443	12	0.9
							A25	01.12-	116255	12	1.9
ix35 2.0 CRDi 4WD	[D4HA]	AT	08.09- 12.15	115747	14	150	A25	08.09- 12.15	116026	12	1.4
			08.09- 12.15	115632	14	150		08.09- 12.15	114892	12	0.9
ix35 2.0 CRDi 4x4	[D4HA]		01.10-	115351	14	150		01.10-	115626	12	2.0
			01.10-	115632	14	150	A25	01.10-	114887	12	1.4
			01.10-	115747	14	150	A25	01.10-	116255	12	1.9
								01.10-	116429	12	1.2
ix35 2.0 4x4	[G4NA]		09.14-	116215	14	130		09.14-	115757	12	0.9
			09.14-	116721	14	120		09.14-	115626	12	2.0
ix35 2.0 D-CVVT	[G4KD]		04.10-	115603	14	110		04.10-	115446	12	1.7
ix35 2.0 Flexfuel Flex			09.15-	116721	14	120		09.15-	115626	12	2.0
ix35 2.0 GDi	[G4NC]		08.13-	116721	14	120					
ix35 2.0 GDi 4x4	[G4NC]		08.13-	116721	14	120					
ix35 2.4 4WD	[G4KE]		07.10- 12.13	114827	14	120		07.10- 12.13	115446	12	1.7
ix55 3.8 V6 AWD	[G6DA]		01.11-	115737	14	130					
Kauai 1.6 GDi	[G4FJ]		07.17-	116403	14	130					
Lantra 1.5 12V	[G4EK]		12.96-	111309	14	75		12.96-	110315	12	0.9
			12.96- 09.00	111405	14	90		04.97-	111070	12	1.7
Lantra 1.5 i	[G15B]		10.90- 11.95	110659	14	75		10.90- 11.95	111307	12	1.2
								10.90- 11.95	110811	12	1.2
Lantra 1.6	[G4GR]		11.95-	111309	14	75		11.95-	111307	12	1.2
			11.95-	111405	14	90		11.95-	110315	12	0.9
Lantra 1.6 16V	[G4G6]		11.95-	111309	14	75		11.95-	111070	12	1.7
			11.95-	111405	14	90		02.96-	111307	12	1.2
Lantra 1.6 i 16V	[G4CR]		10.90- 11.95	110802	14	75		02.96-	110158	12	1.2
			10.90- 11.95	110804	14	90		10.90- 11.95	110958	12	0.9
								10.90- 11.95	110811	12	1.2
								11.95-	111307	12	1.2
Lantra 1.8 16V	[G4GM]		11.95-	111309	14	75		11.95-	110315	12	0.9
			11.95-	111405	14	90		02.96-	110158	12	1.2
Lantra 1.8 i 16V	[G4CN]		10.90- 11.95	110802	14	75	AT	10.90- 11.95	110958	12	0.9
			10.90- 11.95	110804	14	90		10.90- 11.95	110811	12	1.2
Lantra 2.0 16V	[G4GF]		08.96-	111309	14	75		08.96-	111307	12	1.2
			08.96-	111405	14	90		08.96-	114460	12	1.4
Matrix 1.5 CRDi	[D3-EA]		10.01-	114201	14	100		10.01-	113796	12	1.7
			12.04-	114495	14	120		12.04-	113797	12	1.7
Matrix 1.5 CRDi VGT	[D4FA]							02.06-	113797	12	1.7
Matrix 1.6	[G4ED-G]		06.01-	113657	14	90		06.01-	113659	12	0.9
Matrix 1.8	[G4GB-G]		06.01-	111309	14	75		06.01-	111307	12	1.2
			06.01-	113657	14	90		06.01-	113659	12	0.9
Pony 1.2	[Saturn]							06.74-	110158	12	1.2
Pony 1.3	[G13B]							10.85- 09.89	110158	12	1.2
								10.85- 09.89	110315	12	0.9
								10.89- 01.95	110479	12	0.9
								01.90- 01.95	110315	12	0.9
Pony 1.4	[G4G3]							08.77-	110158	12	1.2
								08.77-	110315	12	0.9
Pony 1.5	[G15B]		01.91- 01.95	110659	14	75		10.85- 09.89	110315	12	0.9
								01.91- 01.95	110479	12	0.9
								10.85- 09.89	110315	12	0.9
								01.91- 01.95	110479	12	0.9
Pony 1.5 i	[G15B]		01.91- 01.95	110659	14	75	AT	11.91- 01.95	110958	12	0.9
								10.89- 11.91	110315	12	0.9
								01.91- 01.95	110479	12	0.9
								10.89- 11.91	110315	12	0.9
Porter 2.4	[G4CS]							01.91- 01.95	110479	12	0.9
								11.91- 01.95	110958	12	0.9
								01.97-	110811	12	1.2
								02.03- 04.04	113937	12	2.2
Porter 2.5 CRDi	[D4CB]							08.01- 07.03	113020	12	1.2
Santa Fé 2.0 CRDi	[D4EA]		08.01- 07.03	113328	14	120		08.01-	113329	12	2.0
			08.01-	113517	14	110		08.01-	116430	12	2.0
								12.10-	115758	12	1.2
								09.12-	115626	12	2.0
Santa Fé 2.0 CRDi 4WD	[D4EA]		04.01-	113328	14	120		04.01-	113329	12	2.0
			04.01-	113517	14	110		04.01-	113521	12	1.2
Santa Fé 2.0 CRDi 4x4	[D4HA]		09.12-	115747	14	150		09.12-	115626	12	2.0
			04.01- 12.05	113328	14	120		04.01- 12.05	113521	12	1.2
Santa Fé 2.0	[G4BP]		12.10-	115747	14	150		12.10-	115634	12	1.8
			08.00- 09.02	113517	14	110		08.00- 09.02	116430	12	2.0
Santa Fé 2.2 CRDi	[D4EB]		08.01-	113328	14	120		08.01-	113329	12	2.0
			08.01-	116527	14	110					
			03.06-	113328	14	120	AT	03.06-	113329	12	2.0
								09.06- 12.11	113638	12	1.4



	[D4HB]	01.09- 01.09- 05.13	115632 115747	14 150 14 150 14 150	AT	01.09- 01.09- 05.13 01.09- 03.06-	115977 115626 115758 113329	12 1.2 12 2.0 12 1.2 12 2.0
Santa Fé 2.2 CRDi 4WD	[D4EB] [D4HB]	03.06- 09.12-	113328 115632	14 120 14 150		03.06- 09.12-	113329 115977	12 2.0 12 1.2
		10.15-	115747	14 150		10.15- 10.15-	115758 115626	12 1.2 12 2.0
Santa Fé 2.2 CRDi 4WD GLS	[D4EB]	03.06-	113328	14 120		03.06-	113329	12 2.0
Santa Fé 2.2 CRDi 4x4	[D4EB] [D4HB]	11.05- 12.11 01.09- 01.09- 05.13	113328 115632 115747	14 120 14 150 14 150	AT	11.05- 12.11 01.09- 01.09- 05.13 03.06-	113521 115977 115626 113329	12 1.2 12 1.2 12 2.0 12 2.0
Santa Fé 2.2 CRDi GLS	[D4EB]	03.06-	113328	14 120		03.06-	113329	12 2.0
Santa Fé 2.4 16V	[G4JS-G]	02.00- 09.02 02.01-	113517 116527	14 110 14 110	A25	02.00- 09.02	116430	12 2.0
Santa Fé 2.4 16V 4WD	[G4JS-G]	02.00- 09.02	113517	14 110		02.00- 09.02	116430	12 2.0
Santa Fé 2.4 4X4	[G4JS]	08.00- 12.05 08.00- 12.05	113517 116527	14 110 14 110		08.00- 12.05	116430	12 2.0
Santa Fé 2.7	[G6BA]	03.06- 03.06-	115737 116450	14 130 14 130		03.06-	115626	12 2.0
Santa Fé 2.7 4x4	[G6BA]	03.06- 03.06-	115737 116450	14 130 14 130		03.06-	115626	12 2.0
Santa Fé 2.7 V6 4WD	[G6BA-G]	02.01- 02.01-	113652 115855	14 110 14 120	AT	02.01- 02.01-	115977 115626	12 1.2 12 2.0
Santa Fé 2.7 V6 4WD GLS	[G6EA]	03.06- 03.06-	115737 116450	14 130 14 130		03.06-	115626	12 2.0
Santa Fé 2.7 V6 GLS	[G6EA]	03.06- 03.06-	115737 116450	14 130 14 130		03.06-	115626	12 2.0
Santa Fé 2.7	[G6EA]	01.07- 12.08 01.07- 12.08 01.07- 12.08	115737 115855 116450	14 130 14 120 14 130		01.07- 12.08	115626	12 2.0
Santamo 2.0 16V	[G4CP]	05.99- 12.00 05.99-	110802 110804	14 75 14 90		05.99- 12.00 05.99-	110811 110315	12 1.2 12 0.9
Santamo 2.0 16V 4WD	[G4CP]	05.99- 12.02 05.99-	110802 110804	14 75 14 90		05.99- 12.02 05.99-	110811 110315	12 1.2 12 0.9
Satellite 2.5 TD	[4D56TC]	10.97-	112333	14 110		10.97-	110811	12 1.2
Scoupe 1.5 i Turbo	[G4EK-TC]	01.90- 04.95	111309	14 75	AT	01.90- 04.95 04.91-	110958 110315	12 0.9 12 0.9
Scoupe 1.5 i	[G15B] [G4DJ] [G4EK]	02.90- 02.90- 02.90-	110659 110659	14 75 14 75		02.90- 02.90- 06.92 02.90- AT 02.90- 10.91	110479 110315 110479 110315	12 0.9 12 0.9 12 0.9 12 0.9
Solaris 1.6	[G4FC]	11.10- 11.10-	114467 115715	14 90 14 90		11.10- 11.10-	114443 116709	12 0.9 12 0.85
Sonata 2.0 CRDi	[D4EA]	02.06-	115409	14 120		02.06- 02.06-	113020 113329	12 1.2 12 2.0
Sonata 2.0	[G4JP-EG] [G4KD]	10.01- 11.04 01.09-	116527 115603	14 110 14 110	AT	10.01- 11.04 01.09- 01.09-	115758 113638 115758	12 1.2 12 1.4 12 1.2
Sonata 2.0 GLSi	[G4KD]	07.08- 12.10	114827	14 120		07.08- 12.10	113329	12 2.0
Sonata 2.0 16V	[G4JP-G]	06.98-	112327	14 100		06.98-	111307	12 1.2
Sonata 2.0 i 16V	[G4CP-D] [G4CP-DM]	01.91- 10.93 01.95- 06.96-	110804 110802 110804	14 90 14 75 14 90		01.91- 10.93 01.95- 01.95-	110811 110811 110811	12 1.2 12 1.2 12 1.2
Sonata 2.0 i	[G4CP]	06.94- 08.96 06.94- 08.96	110802 110804	14 75 14 90		06.94- 08.96	110811	12 1.2
Sonata 2.0 VVTi GLS	[G4KD]	01.08-	114827	14 120		01.08-	110158	12 1.2
Sonata 2.4	[G4KC] [G4KE]	01.05- 01.05- 01.05- 01.09- 06.08-	112327 114827 116527 115603 114827	14 100 14 120 14 110 14 110 14 120		01.05- 01.05- 01.05- AT 01.09- 06.08-	111241 110158 115758 113638 113329	12 1.2 12 1.2 12 1.2 12 1.4 12 2.0
Sonata 2.4 16V	[G4BS]	03.98- 10.01	116527	14 110		03.98- 10.01	115569	12 1.2
Sonata 2.4	[G4KC]				A13	11.10- 12.15	115758	12 1.2
Sonata 2.5 V6 24V	[G6BV-G]	06.98- 10.01	113652	14 110		06.98- 10.01	110315	12 0.9
Sonata 2.5 V6	[G6AV]	08.98- 09.01	113652	14 110		08.98- 09.01	110158	12 1.2
Sonata 2.7 V6	[G6BA] [G6BA-G]	11.02- 11.04 10.01- 11.04	115855 115855	14 120 14 120		11.02- 11.04 10.01- 11.04	115569 115569	12 1.2 12 1.2
Sonata 3.0 i V6	[G6AT]	05.93- 06.98	111406	14 110		05.93- 06.98	110811	12 1.2
Sonata 3.3	[G6DB]	01.05-	115737	14 130	AT	01.05- 06.05-	113638 113521	12 1.4 12 1.2
Starex 2.5 TD	[D4BF]	06.97- 06.97- 06.97-	112205 112333 113330	14 90 14 110 14 75		06.97- 06.97- A13 06.97-	110809 110811 111461	12 2.0 12 1.2 12 2.2
Starex 2.5 TD 4WD	[D4BF]	02.98- 02.98- 02.98-	112205 112333 113330	14 90 14 110 14 75		02.98- 02.98- A13 02.98-	110809 110811 111461	12 2.0 12 1.2 12 2.2
Terracan 2.5 TD	[D4BH]					12.01-	111461	12 2.2
Terracan 2.9 CRDi	[J3]	12.01-	113331	14 110		11.01- 07.03 12.01-	114732 111241	12 2.2 12 1.2
Tiburón 2.0 CVT	[G4GC]					10.06-	114820	12 1.2
Trajet 2.0 CRDi	[D4EA]	04.01-	113328	14 120		04.01-	113638	12 1.4
Trajet 2.0	[G4GC-G] [G4JP-G]	01.04- 01.04- 01.04- 01.04- 03.00- 03.00- 03.00- 06.07 03.00-	112327 113517 113657 116527 112327 113517 113657 116527	14 100 14 110 14 90 14 110 14 100 14 110 14 90 14 110	AT	01.04- 01.04- 03.00- 03.00-	113638 113521 113329 113521	12 1.4 12 1.2 12 2.0 12 1.2
Trajet 2.7 V6	[G6BA-G]	09.00- 09.00-	113652 115855	14 110 14 120				
Trajet Box Body/MPV 2.0 CRDi	[D4EA]	04.04- 07.08	113328	14 120		04.04- 07.08	111307	12 1.2
Trajet Box Body/MPV 2.0	[G4GC]	01.04- 07.08 01.04- 07.08	113657 116527	14 90 14 110		01.04- 07.08	113020	12 1.2



HYUNDAI Continued

	[G4JP]	09.99- 07.08	113517	14	110	09.99- 07.08	111307	12	1.2		
		09.99- 07.08	113657	14	90	09.99- 07.08	113329	12	2.0		
		09.99- 07.08	116527	14	110						
Trajet Box Body/MPV 2.7	[G6BA]	04.04- 07.08	113652	14	110						
		04.04- 07.08	115855	14	120						
Tucson 1.6	[G4FJ]	06.15-	116403	14	130	A25	06.15-	116430	12	2.0	
Tucson 1.6 4X4	[G4FJ]	06.15-	116403	14	130		06.15-	116430	12	2.0	
Tucson 1.6 GDi	[G4FD]	06.15-	116403	14	130	A25	06.15-	116430	12	2.0	
						A25	06.15-	116026	12	1.4	
							06.15-	115757	12	0.9	
Tucson 2.0 CRDi	[D4EA]	04.04-	113328	14	120		04.04-	111307	12	1.2	
	[D4EA-V]	01.06-	113328	14	120		01.06-	111307	12	1.2	
	[D4HA]	10.12- 06.15	115747	14	150		10.12- 06.15	116429	12	1.2	
							10.12- 06.15	115626	12	2.0	
Tucson 2.0 CRDi 4WD	[D4EA]	04.04-	113328	14	120		04.04-	111307	12	1.2	
	[D4EA-F]	01.06-	113328	14	120		01.06-	111307	12	1.2	
	[D4EA-V]	01.06-	113328	14	120		01.06-	113329	12	2.0	
Tucson 2.0 CRDi 4x4	[D4EA]	01.06-	113328	14	120		01.06-	113329	12	2.0	
Tucson 2.0	[G4GC]	08.04-	113657	14	90		08.04-	113329	12	2.0	
	[G4NA]	08.13- 12.15	116721	14	120	A25	08.13- 12.15	116283	12	1.8	
Tucson 2.0 4WD	[G4GC]	08.04-	113657	14	90		08.04-	113329	12	2.0	
Tucson 2.0 4x4	[G4GC]	07.05- 11.10	113657	14	90		07.05- 11.10	113329	12	2.0	
Tucson 2.0 CVVT	[G4NA]	06.15-	116215	14	130	A25	06.15-	116430	12	2.0	
Tucson 2.0 GDI	[G4NA]	08.13- 12.15	116215	14	130		AT	08.13- 12.15	116429	12	1.2
		08.13- 12.15	116721	14	120		08.13- 12.15	116271	12	1.7	
Tucson 2.0 GDI 4WD	[G4NA]	08.13- 12.15	116215	14	130		AT	08.13- 12.15	116429	12	1.2
		08.13- 12.15	116721	14	120		08.13- 12.15	116271	12	1.7	
Tucson 2.0	[G4GC]	06.04- 03.10	113657	14	90		06.04- 03.10	113329	12	2.0	
Tucson 2.0 4x4	[G4GC]	06.09- 03.10	113657	14	90		06.09- 03.10	113329	12	2.0	
Tucson 2.0 Wd	[G4NA]	AT	09.14- 12.15	116721	14	120	A25	09.14- 12.15	116283	12	1.8
Tucson 2.7 4WD	[G6BA-G]	08.04-	113652	14	110		08.04-	113020	12	1.2	
		08.04-	115855	14	120		08.04-	116429	12	1.2	
Tucson SUV Van 1.6 T-GDI	[G4FJ]	06.15-	116403	14	130						
Tucson SUV Van 2.0 CRDi	[D4EA]	01.06- 03.10	113328	14	120		01.06- 03.10	111307	12	1.2	
Tucson SUV Van 2.0 CRDi Vgt	[D4EA]	01.09- 03.10	113328	14	120		01.09- 03.10	113329	12	2.0	
Tucson SUV Van 2.0	[G4GC]	06.04- 03.10	113657	14	90		06.04- 03.10	113329	12	2.0	
Veloster 1.6 GDi	[G4FD]	03.11-	114467	14	90	A25	03.11-	114887	12	1.4	
		03.11-	115715	14	90		03.11-	114443	12	0.9	
	[G4FJ]	10.12-	116226	14	110		10.12-	116709	12	0.85	
Veloster 1.6 MPI	[G4FG]	04.11-	114467	14	90		04.11-	114443	12	0.9	
		A25	04.11-	115715	14	90	A25	04.11-	116026	12	1.4
			04.11-	116226	14	110		04.11-	115757	12	0.9
							04.11-	116709	12	0.85	
PASSENGER CARS US		A25									
Accent 1.5	[G4EK]	01.02- 01.02	111309	14	75		01.02- 01.02	110158	12	1.2	
							01.98- 01.01	110958	12	0.9	
		01.98- 01.01	111405	14	90						
Accent 1.5 GL		01.95- 01.95	111309	14	75		01.95- 01.95	110958	12	0.9	
		01.97- 01.97	111405	14	90		01.97- 01.97	110158	12	1.2	
Accent 1.5 GS							01.97- 01.97	110158	12	1.2	
		01.97- 01.97	111309	14	75		01.97- 01.97	110958	12	0.9	
		01.97- 01.97	111405	14	90						
Accent 1.5 GT		01.96- 01.97	111309	14	75		01.96- 01.97	110958	12	0.9	
Accent 1.5 L		01.95- 01.97	111309	14	75		01.95- 01.97	110958	12	0.9	
Accent 1.6							12.02-	113659	12	0.9	
		01.01- 01.01	111309	14	75		01.01- 01.01	110958	12	0.9	
							01.02- 01.02	110158	12	1.2	
Elantra 1.6		06.91- 01.95	110802	14	75		06.91- 01.95	110811	12	1.2	
Elantra 1.6 GL		01.92- 01.95	110802	14	75		01.92- 01.95	110811	12	1.2	
Elantra 1.6 GLS		01.92- 01.94	110802	14	75		01.92- 01.94	110811	12	1.2	
Elantra 1.8	[G4CN]	01.98- 01.98	111405	14	90		01.98- 01.98	111307	12	1.2	
		01.93- 01.95	110802	14	75		01.93- 01.95	110811	12	1.2	
Elantra 1.8 GL		01.93- 01.95	110802	14	75		01.93- 01.95	110811	12	1.2	
Elantra 1.8 GLS		01.93- 01.95	110802	14	75		01.93- 01.95	110811	12	1.2	
		01.96- 01.97	111405	14	90		01.96- 01.97	111307	12	1.2	
Elantra 2.0	[G4CP]	01.00- 01.01	111405	14	90		01.00- 01.01	111307	12	1.2	
Elantra 2.0 GLS	[G4CP]	01.02- 01.02	111309	14	75		01.02- 01.02	111307	12	1.2	
		01.03- 01.03	113657	14	90						
Elantra 2.0 GT	[G4CP]	01.02-	111309	14	75		01.02-	111307	12	1.2	
		01.03- 01.03	113657	14	90						
Excel 1.5							01.91- 01.94	110158	12	1.2	
		01.91- 01.94	110659	14	75		01.91- 01.94	110958	12	0.9	
		01.91- 07.94	111309	14	75						
Excel 1.5 CX							01.93- 01.94	110158	12	1.2	
		01.93- 01.94	110659	14	75	AT	01.93- 01.94	110315	12	0.9	
		01.93- 07.94	111309	14	75						
Excel 1.5 CXL							01.92- 01.94	110158	12	1.2	
		01.92- 01.94	110659	14	75	AT	01.92- 01.94	110315	12	0.9	
		01.92- 07.94	111309	14	75						
Excel 1.5 GL		01.90- 01.94	110659	14	75		01.90- 01.94	110958	12	0.9	
		01.90- 07.94	111309	14	75	AT	01.90- 07.94	110315	12	0.9	
Excel 1.5 GLS		01.90- 01.91	110659	14	75		01.90- 01.91	110958	12	0.9	
		01.90- 01.91	111309	14	75	AT	01.90- 01.91	110315	12	0.9	
Excel 1.5 GS							01.92- 01.94	110158	12	1.2	
		01.92- 01.94	110659	14	75	PS	01.92- 01.94	110315	12	0.9	
		01.92- 07.94	111309	14	75						
Excel 1.5 L							01.91- 01.92	110158	12	1.2	
		01.91- 01.92	110659	14	75	AT	01.91- 01.92	110315	12	0.9	
		01.91- 01.92	111309	14	75						
Genesis 2.0 CVVT	[G4KF]						06.08-	115569	12	1.2	
Grandeur 3.3	[G6DB]	02.07-	115737	14	130						
HB20 1.6 Flex							11.12-	116709	12	0.85	
HB20 1.6							01.16-	116709	12	0.85	
HB20S 1.6 Flex							04.13-	116709	12	0.85	
Ix55 3.8 V6 AWD		01.07-	115737	14	130						
Santa Fé 2.4							01.01- 01.02	113638	12	1.4	
Santa Fé 2.7							01.01- 01.02	113020	12	1.2	
Scoupe 1.5		02.90- 06.92	110659	14	75		02.90- 06.92	110158	12	1.2	
		01.93- 01.95	111309	14	75						



Scoupe 1.5 LS		01.91- 01.92	110659	14	75		01.91- 01.92	110158	12	1.2
		01.93- 01.93	111309	14	75					
Scoupe 1.5 Turbo		01.93- 01.95	111309	14	75		01.93- 01.95	110158	12	1.2
Sonata 2.0	[G4CP]	01.98- 01.98	110802	14	75		01.98- 01.98	110811	12	1.2
		01.98- 01.98	110804	14	90					
Sonata 2.0 GL		01.92- 01.97	110802	14	75		01.92- 01.97	110811	12	1.2
		01.92- 01.97	110804	14	90					
Sonata 2.0 GLS		01.92- 01.94	110802	14	75		01.92- 01.94	110811	12	1.2
		01.92- 01.94	110804	14	90					
Sonata 2.4		01.89- 01.91	110659	14	75		01.89- 01.91	110811	12	1.2
		01.99- 01.01	112327	14	100		01.99- 01.01	113638	12	1.4
							01.02- 01.03	113521	12	1.2
Sonata 2.4 Deluxe		01.89- 01.89	110659	14	75		01.89- 01.89	111241	12	1.2
Sonata 2.4 GL		01.89- 01.91	110659	14	75		01.89- 01.91	111241	12	1.2
Sonata 2.4 GLS		01.89- 01.91	110659	14	75		01.89- 01.91	111241	12	1.2
Sonata 2.4 Sport Deluxe		01.89- 01.89	110659	14	75		01.89- 01.89	113020	12	1.2
Sonata 2.5		01.99- 01.99	113652	14	110		01.99- 01.99	113521	12	1.2
Sonata 3.0	[G6AT]	01.98- 01.98	111406	14	110		01.98- 01.98	113638	12	1.4
Sonata 3.0 GL		01.95- 01.97	111406	14	110		01.95- 01.97	113020	12	1.2
Sonata 3.0 GLS		01.95- 01.97	111406	14	110		01.95- 01.97	113020	12	1.2
Tiburon 1.8		01.97- 01.97	111405	14	90		01.97- 01.97	111307	12	1.2
Tiburon 2.0	[G4CP]	01.98- 01.01	111405	14	90		01.98- 01.01	111307	12	1.2
		01.03-	113657	14	90					
Tiburon 2.0 FX	[G4CP]	01.98- 01.98	111405	14	90		01.98- 01.98	111307	12	1.2
XG300 3.0							01.01- 01.01	113020	12	1.2
XG350 3.5							01.02- 01.02	113020	12	1.2
XG350 3.5 L							01.02- 01.02	113020	12	1.2
PASSENGER CARS AO										
Accent 1.4	[G4FA]						11.10-	115757	12	0.9
Accent 1.6 CRDi	[D4FB]						07.11-	116258	12	1.7
Accent 1.6	[G4FC]	11.10-	115715	14	90		11.10-	116709	12	0.85
							11.10-	115757	12	0.9
Elantra 1.6 CRDi	[D4FB]	AT 02.11-	116191	14	130		AT 02.11-	116276	12	1.7
Elantra 1.6							06.11-	115757	12	0.9
Elantra 1.8		07.03-	113657	14	90		07.03-	116709	12	0.85
							06.00- 07.03	116258	12	1.7
Getz 1.5 CRDi GLS	[D4FA]	07.04- 08.05	114201	14	100		07.04- 08.05	113796	12	1.7
H-1 2.5 CRDi Cargo		01.09-	116215	14	130		01.09-	111476	12	2.0
							01.09-	115978	12	2.2
H-1 2.5 CRDi Travel		02.08-	116215	14	130		02.08-	113445	12	2.2
							02.08-	115978	12	2.2
H-1 2.5 Diesel	[D4BH]	06.00- 10.05	112333	14	110		06.00- 10.05	111565	12	2.2
		06.00- 10.05	113330	14	75		06.00- 10.05	111461	12	2.2
H-1 Travel 2.5 CRDi	[D4CB]	05.08-	116215	14	130		05.08-	115978	12	2.2
		5 Speed 05.08-	116027	14	110		05.08-	115569	12	1.2
i10 1.1	[G4HG]	12.07-	115654	14	70		12.07-	112322	12	0.8
i20 1.4 CRDi	[D4FC]	A25 08.08-	116191	14	130		08.08-	116258	12	1.7
i20 1.6	[G4FC]	12.08-	115715	14	90		12.08-	116249	12	0.8
ix20 1.4	[G4FA]	11.10-	116192	14	90		A25 11.10-	114887	12	1.4
							11.10-	115757	12	0.9
		A25 11.10-	116226	14	110		A25 11.10-	116026	12	1.4
ix35 2.0 CRDi	[D4HA]	01.12-	115747	14	150		01.12-	115626	12	2.0
ix35 2.0 CRDi AWD	[D4HA]	01.12-	115632	14	150		01.12-	115626	12	2.0
		01.12-	115747	14	150					
ix35 2.0	[G4KD]	01.10-	115603	14	110		01.10-	115758	12	1.2
Porter 2.5 TD	[D4BA]						07.94-	110809	12	2.0
Santa Fé 3.3 Dynamic 4WD	[G6DB]	03.06-	115737	14	130					
Sonata 2.0 i	[G4KD]	01.11-	115603	14	110		01.11-	115569	12	1.2
							01.11-	115758	12	1.2
Sonata 2.0 VVTi GLS	[G4KA]	05.05-	114827	14	120		05.05-	113638	12	1.4
							05.05-	115758	12	1.2
Starex 2.5 CRDi							12.02-	113937	12	2.2
Trajet 2.0	[G4GC]	11.03-	116527	14	110					
Veloster 1.6	[G4FC]	10.11-	115715	14	90		10.11-	116709	12	0.85
		10.11-	116226	14	110		10.11-	115757	12	0.9
FORK LIFTS										
25D-9 Forklifts	[V3307-DI-T]		114807	14	60			114167	12	3.0
25D-9E Forklifts	[4TNE92]		115320	14	45			112676	12	2.2
30D-9 Forklifts	[V3307-DI-T]		114807	14	60			114167	12	3.0
30D-9E Forklifts	[4TNE92]		115320	14	45			112676	12	2.2
33D-9 Forklifts	[V3307-DI-T]		114807	14	60			114167	12	3.0
33D-9E Forklifts	[4TNE92]		115320	14	45			112676	12	2.2
35DA-9 Forklifts	[V3307-DI-T]		114807	14	60			114167	12	3.0
INDUSTRY										
360	[6D22.]							112342	24	5.5
110D-9 Forklifts	[QSB6.7]		116317	28	70			114326	24	7.5
130D-9 Forklifts	[QSB6.7]		116317	28	70			114326	24	7.5
160D-9 Forklifts	[QSB6.7]		116317	28	70			114326	24	7.5
250D-9 Forklifts	[QSB6.7]		116317	28	70			114326	24	7.5
H930C Tractor/Loader/Backhoes	[1004-4T]		111355	14	65			114388	12	3.2
			112698	14	100			116308	12	3.2
			114772	14	95					
HA 170 Wheel Loaders and Dozers	[6BT5.9]		111843	14	95					
HC 940 Tractor/Loader/Backhoes	[1004-4T]		111355	14	65			114388	12	3.2
			112698	14	100			116308	12	3.2
			114772	14	95					
HE 130 Excavators	[6BT5.9]		111843	14	95					
HE 220 Excavators	[6BTA5.9]		111843	14	95					
HL730-7A Wheel Loaders and Dozers	[QSB4.5]		116317	28	70					
HL740-7A Wheel Loaders and Dozers	[QSB6.7]		116317	28	70			114326	24	7.5
HL740-9 Wheel Loaders and Dozers	[QSB6.7]		116317	28	70			114326	24	7.5
HL750 Wheel Loaders and Dozers	[6BT5.9]		111843	14	95					
HL757-7A Wheel Loaders and Dozers	[QSB6.7]		116317	28	70			114326	24	7.5
HL757-9 Wheel Loaders and Dozers	[QSB6.7]		116317	28	70			114326	24	7.5
HL760-7a Wheel Loaders and Dozers	[QSB6.7]		116317	28	70			114326	24	7.5
HL760-9 Wheel Loaders and Dozers	[QSB6.7]		116317	28	70			114326	24	7.5
HL940 Wheel Loaders and Dozers	[QSB6.7]		116317	28	70			114326	24	7.5
HL955 Wheel Loaders and Dozers	[QSB6.7]		116317	28	70			114326	24	7.5
HL960 Wheel Loaders and Dozers	[QSB6.7]		116317	28	70			114326	24	7.5



HYUNDAI Continued

HR110C-9 Rollers	[TCD 2013 L4 2V]	114110	28	80	112071	12	3.0	
					116093	12	4.0	
HR120C-9 Rollers	[TCD 2013 L4 2V]	114110	28	80	112071	12	3.0	
					116093	12	4.0	
HR140C-9 Rollers	[TCD 2013 L4 2V]	114110	28	80	112071	12	3.0	
					116093	12	4.0	
HR70C-9 Rollers	[1104C-44]	114772	14	95	113654	12	3.0	
		116456	14	95	114264	12	4.2	
HSL650-7 Tractor/Loader/Backhoes	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
HW140 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
HW210 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
HX220L Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
HX235LCR Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
HX260L Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
HX300L Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R140W-9 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R160W-9A Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R16-9 Excavators	[L3E]	114079	14	40	114444	12	1.6	
R170W-9 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R17Z-9A Excavators	[D902-E]	113921	14	40	113966	12	1.4	
R180 Excavators	[6BTA5.9]	111843	14	95				
R180W-9A Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R200 Excavators	[6BT5.9]	111843	14	95				
	[6BTA5.9]	111843	14	95				
R200 Forestry Equipment	[6BTA5.9]	111843	14	95				
R210 Excavators	[6BTA5.9]	111843	14	95				
R210-7 Excavators	[6BT5.9]	111843	14	95				
R210LC-7LR Excavators	[6BT5.9]	111843	14	95				
R210LC-9 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R210W-9 Excavators	[6BT5.9]	111843	14	95	114326	24	7.5	
R210W-9 Wheel Loaders and Dozers	[QSB6.7]	116317	28	70				
R210W-9S Excavators	[6BT5.9]	111843	14	95				
R215LC-7 Excavators	[6BTA5.9]	111843	14	95				
R215LC-7 Rock Excavators	[6BTA5.9]	111843	14	95				
R220LC-7 Excavators	[6BT5.9]	111843	14	95				
	[6BTA5.9]	111843	14	95				
R220LC-7 Rock Excavators	[6BTA5.9]	111843	14	95				
R220LC-9S Excavators	[6BT5.9]	111843	14	95				
R225LC-9 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R235LCR-9 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R250LC-9 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R260LC-9S Excavators	[6BT5.9]	111843	14	95				
R265LC-9 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R27Z-9 Excavators	[S3L2]	114902	14	90	110933	12	1.4	
R290LC-9 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
R305LC-9 Excavators	[QSB6.7]	116317	28	70	114326	24	7.5	
ROBEX R 210W-9S Excavators	[6BTA5.9]	111843	14	95				
ROBEX R 220LC-9S Excavators	[6BT5.9]	111843	14	95				
ROBEX R 220LC-9S R Excavators	[6BT5.9]	111843	14	95				
ROBEX R 260LC-9S Excavators	[6BTA5.9]	111843	14	95				
Various Models					115743	12	1.4	
Hyundai (Beijing)								
PASSENGER CARS AO								
Sonata 2.0	06.12- 02.15	116721	14	120				
Indmar								
MARINE								
		116163	14	95				
Infiniti								
PASSENGER CARS EU								
EX 3.0 Diesel 30d	[V9X]	04.10-	116031	14	150			
FX 3.0 Diesel 30d	[V9X]	04.10-	116031	14	150			
I 30 3.0	[VQ30DE]	01.97-	111381	14	110			
M 3.0 Diesel	[V9X]	03.10-	116031	14	150			
Q70 3.0	[V9X]	03.13-	116031	14	150			
QX50 3.0 AWD	[V9X]	08.13-	116031	14	150			
QX70 3.0 AWD	[V9X]	08.13-	116031	14	150			
PASSENGER CARS US								
G20 2.0	[SR20DE]				01.91- 01.96	111608	12	1.4
I 30 3.0	[VQ30DE]				01.00- 01.01	111382	12	1.4
		01.98- 01.98	111381	14	110			
Ingersoll-Rand								
INDUSTRY								
1000P Pavers	[4045T]	112062	14	115	114275	12	4.0	
		113707	14	200				
		114379	14	150				
		114681	14	90				
		116623	14	200				
2475F13GH 2-STAGE Air Compressors	[GX390]				113671	12		
2475X13GH 2-STAGE Air Compressors	[GX390]				113671	12		
AIR COMP Air Compressors	[1004-4T]	111355	14	65	114388	12	3.2	
		112698	14	100	116308	12	3.2	
		114772	14	95				
BOBCAT 2200 & 2200S 4X4 Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
BOBCAT 2300 4X4 Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
CARRYALL 1500 4WD Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
CARRYALL 1500 4WD INTELLITACH Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	



CARRYALL 1500 SE 4X4 Utility Vehicles [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
CARRYALL 1700 4WD Utility Vehicles [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
CARRYALL 294 4X4 Utility Vehicles [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
CARRYALL 294 HOMOLOGATED 4X4 Utility Vehicles [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
CARRYALL 294 SE 4X4 Utility Vehicles [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
CARRYALL 295 Utility Vehicles [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
CARRYALL 295 & 295 SE Utility Vehicles [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
CARRYALL 295 INTELLITACH Utility Vehicles [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
CARRYALL 295SE Utility Vehicles [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
CM-470/ECM-470 Bore/Drill Rigs [6BT5.9]	111843	14	95			
CM-580/ECM-580 Bore/Drill Rigs [6BTA5.9]	111843	14	95			
CR70 Rollers [4B3.9]	111888	14	65	113725	12	2.5
DD80 Rollers [4B3.9]	111888	14	65	113725	12	2.5
DM/M3 Bore/Drill Rigs [C32TA ACERT]	111261	28	50	111000	24	6.5
DM-230S Rollers [D1005-E]	111048	14	40	114485	12	1.1
	113921	14	40			
E30X-WCU Generator Sets [4B3.9]	111888	14	65	113725	12	2.5
ECM-470 Bore/Drill Rigs [6BT5.9]	111843	14	95			
ECM-580 Bore/Drill Rigs [6BTA5.9]	111843	14	95			
G11ME Generator Sets [S3L2]	114902	14	90	110933	12	1.4
G25 Generator Sets [S4Q2]	113401	14	40			
G40 Generator Sets [S4S]	113401	14	40	111272	12	2.2
G7HE Generator Sets [GX390]				113671	12	
HP300-WJD Air Compressors [4045T]	112062	14	115	114275	12	4.0
	113707	14	200			
	114379	14	150			
	114681	14	90			
	116623	14	200			
HP355 Air Compressors [1004-4T]	111355	14	65	114388	12	3.2
	112698	14	100	116308	12	3.2
	114772	14	95			
HP375-WD Air Compressors [BF6L913]	112098	14	65	113467	12	3.7
HP375WJD Air Compressors [4045T]	112062	14	115	114275	12	4.0
	113707	14	200			
	114379	14	150			
	114681	14	90			
	116623	14	200			
HP450-WCU Air Compressors [6BTA5.9]	111843	14	95			
HUV4420-D Utility Vehicles [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
HUV4421D HUV4421DX & HUV4421DXL [D722-E]	114205	14	40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
L20 Light Plants and Signal B [S4Q2]	113401	14	40			
LM SERIES Bore/Drill Rigs [BF6L913C]	112098	14	65	113467	12	3.7
LMAC SERIES Bore/Drill Rigs [BF6L913C]	112098	14	65	113467	12	3.7
LSC Light Plants and Signal B [L3E]	114079	14	40	114444	12	1.6
MC-30 MC-30 [6BT5.9]	111843	14	95			
MC-330 MC-330 [6BTA5.9]	111843	14	95			
P WD Air Compressors [F2L1011]	112183	14	60	112041	12	2.2
	112548	14	60	114320	12	3.0
	114077	28	40			
	112183	14	60	112041	12	2.2
	113991	14	80	116128	12	3.2
	114077	28	40			
P WP Air Compressors [103-10]	110770	14	55	112534	12	2.0
P WP Air Compressors [103-10]	110770	14	55	112534	12	2.0
P100-WD Air Compressors [F3L1011]	112183	14	60	112041	12	2.2
	113991	14	80			
	114077	28	40			
P125-WD Air Compressors [F3L1011]	112183	14	60	112041	12	2.2
	113991	14	80			
	114077	28	40			
P185WIR Air Compressors [4JG1]	115432	14	50	114038	12	2.2
P250WCU Air Compressors [4B3.9]	111888	14	65	113725	12	2.5
P375-WJD Air Compressors [4045T]	112062	14	115	114275	12	4.0
	113707	14	200			
	114379	14	150			
	114681	14	90			
	116623	14	200			
P400 Air Compressors [1004-4T]	111355	14	65	114388	12	3.2
	112698	14	100	116308	12	3.2
	114772	14	95			
P425-WD Air Compressors [BF6L913]	112098	14	65	113467	12	3.7
P600-WCU Air Compressors [6BTA5.9]	111843	14	95			
PIT VIPER 271 Bore/Drill Rigs [C32TA ACERT]	111261	28	50	111000	24	6.5


INGERSOLL-RAND Continued

PIT VIPER 275 Bore/Drill Rigs	[C32TA ACERT]	111261	28	50	111000	24	6.5
PIT VIPER 316 Bore/Drill Rigs	[C32TA ACERT]	111261	28	50	111000	24	6.5
POWER SOURCE G145 Generator Sets	[4045H]	112062	14	115	114275	12	4.0
		113707	14	200			
		114379	14	150			
		114681	14	90			
		116623	14	200			
POWER SOURCE G185 Generator Sets	[6068T]	113986	14	120	115357	12	4.2
					116535	12	3.0
POWER SOURCE G240 Generator Sets	[6068T]	113986	14	120	115357	12	4.2
					116535	12	3.0
POWER SOURCE G90 Generator Sets	[4045H]	112062	14	115	114275	12	4.0
		113707	14	200			
		114379	14	150			
		114681	14	90			
		116623	14	200			
RUSTLER 120 UV DIESEL 2/4 PERSON Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
SCOUT XL Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
SS3J5.5GH-AS Air Compressors	[GX160]				113671	12	
T10508G Air Compressors	[GX140]				113671	12	
	[GX160]				113671	12	
VHP300-WD Air Compressors	[BF6L913]	112098	14	65	113467	12	3.7
VHP400-WCU Air Compressors	[6BTA5.9]	111843	14	95			
VR-636B Rough Terrain Forklifts	[4B3.9]	111888	14	65	113725	12	2.5
VR-636B/642B Rough Terrain Forklifts	[4B3.9]	111888	14	65	113725	12	2.5
VR-642C Rough Terrain Forklifts	[4B3.9]	111888	14	65	113725	12	2.5
XP375WJD Air Compressors	[4045T]	112062	14	115	114275	12	4.0
		113707	14	200			
		114379	14	150			
		114681	14	90			
		116623	14	200			
XP380 Air Compressors	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
XP400-WD Air Compressors	[BF6L913]	112098	14	65	113467	12	3.7
XP525-WCU Air Compressors	[6BTA5.9]	111843	14	95			
XRT 1500 Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
XRT 1500 SE Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
XRT1550 Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
XRT1550 INTELLITACH Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
XRT1550SE Utility Vehicles	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
Ingram							
INDUSTRY							
10-15 TON AE Rollers	[4B3.9]	111888	14	65	113725	12	2.5
Innocenti							
PASSENGER CARS EU							
Elba 1.5 i.e.	[149C1.000]	03.92- 08.93	111035	14	65		
International							
PASSENGER CARS US							
100 4.2		01.74- 01.74	110233	14	63	01.74- 01.74	112233
		01.74- 01.74	110505	14	75		
100 5.0		01.74- 01.74	110233	14	63	01.74- 01.74	112233
		01.74- 01.74	110505	14	75		
100 5.6		01.74- 01.74	110233	14	63	01.74- 01.74	112233
		01.74- 01.74	110505	14	75		
150 5.0		01.75- 01.75	110233	14	63	01.75- 01.75	112233
		01.75- 01.75	110505	14	75		
150 5.6		01.75- 01.75	110233	14	63	01.75- 01.75	112233
		01.75- 01.75	110505	14	75		
200 4.2		01.74- 01.74	110233	14	63	01.74- 01.74	112233
		01.74- 01.74	110505	14	75		
200 5.0		01.74- 01.75	110233	14	63	01.74- 01.75	112233
		01.74- 01.75	110505	14	75		
200 5.6		01.74- 01.75	110233	14	63	01.74- 01.75	112233
		01.74- 01.75	110505	14	75		
1000 3.8 B		01.69- 01.69	110075	14	60	01.69- 01.69	112233
1000 3.8 C		01.69- 01.69	110075	14	60	01.69- 01.69	112233
1000 3.8 D		01.69- 01.70	110075	14	60		
1000 3.9 C		01.69- 01.69	110075	14	60	01.69- 01.69	112233
1000 3.9 D		01.69- 01.70	110075	14	60		
1000 4.4 B		01.68- 01.68	110075	14	60	01.68- 01.68	112233
1000 4.4 C		01.68- 01.68	110075	14	60	01.68- 01.68	112233
1000 4.4 D		01.69- 01.70	110075	14	60		
1000 5.0 B		01.69- 01.69	110075	14	60	01.69- 01.69	112233
1000 5.0 C		01.69- 01.69	110075	14	60		
1000 5.0 D		01.69- 01.70	110075	14	60		
1010 3.8		01.71- 01.71	110233	14	63	01.71- 01.71	112233
		01.71- 01.71	110505	14	75		
		01.71- 01.71	110937	14	200		



1010 4.2	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
	01.72- 01.73	110505	14 75			
	01.72- 01.73	110937	14 200			
1010 5.0	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
	01.72- 01.73	110505	14 75			
	01.72- 01.73	110937	14 200			
1010 5.7	01.71- 01.73	110233	14 63			
	01.71- 01.73	110505	14 75			
	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1100 3.8 B	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1100 3.8 C	01.69- 01.70	110075	14 60			
1100 3.8 D	01.69- 01.70	110075	14 60			
1100 3.9 D	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
1100 4.4 B	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
1100 4.4 C	01.69- 01.70	110075	14 60			
1100 4.4 D	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1100 5.0 B	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1100 5.0 C	01.69- 01.70	110075	14 60			
1100 5.0 D	01.71- 01.71	110233	14 63	01.71- 01.71	112233	12
1110 3.8	01.71- 01.71	110505	14 75			
	01.71- 01.71	110937	14 200			
	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
1110 4.2	01.72- 01.73	110505	14 75			
	01.72- 01.73	110937	14 200			
	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
1110 5.0	01.72- 01.73	110505	14 75			
	01.72- 01.73	110937	14 200			
	01.71- 01.73	110233	14 63			
1110 5.7	01.71- 01.73	110505	14 75			
	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
1200 3.9 D	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
1200 4.4 B	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
1200 4.4 C	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1200 4.4 D	01.71- 01.71	110233	14 63	01.71- 01.71	112233	12
1200 5.0 B	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
1200 5.0 C	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
1200 5.0 D	01.71- 01.71	110233	14 63	01.71- 01.71	112233	12
1210 3.8	01.71- 01.71	110505	14 75			
	01.71- 01.71	110937	14 200			
	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
1210 4.2	01.72- 01.73	110505	14 75			
	01.72- 01.73	110937	14 200			
	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
1210 5.0	01.72- 01.73	110505	14 75			
	01.72- 01.73	110937	14 200			
	01.71- 01.73	110233	14 63			
1210 5.7	01.71- 01.73	110505	14 75			
	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
1300 3.9 D	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
1300 4.4 B	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
1300 4.4 C	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1300 4.4 D	01.71- 01.71	110233	14 63	01.71- 01.71	112233	12
1300 5.0 B	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
1300 5.0 C	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
1300 5.0 D	01.71- 01.71	110233	14 63	01.71- 01.71	112233	12
1310 3.8	01.71- 01.71	110505	14 75			
	01.71- 01.71	110937	14 200			
	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
1310 4.2	01.72- 01.73	110505	14 75			
	01.72- 01.73	110937	14 200			
	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
1310 5.0	01.72- 01.73	110505	14 75			
	01.72- 01.73	110937	14 200			
	01.71- 01.71	110233	14 63	01.71- 01.71	112233	12
1310 5.7	01.71- 01.71	110505	14 75			
	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
908B 4.4	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
908B 5.0	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
908C 4.4	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
908C 5.0	01.72- 01.72	110233	14 63	01.72- 01.72	112233	12
DM10 4.2	01.72- 01.72	110505	14 75			
	01.72- 01.72	110937	14 200			
	01.72- 01.72	110233	14 63			
DM10 5.0	01.72- 01.72	110505	14 75			
	01.72- 01.72	110937	14 200			
	01.66- 01.67	110075	14 60	01.66- 01.67	112233	12
M Series 2.5	01.63- 01.65	110075	14 60			
M Series 3.6	01.68- 01.71	110075	14 60	01.68- 01.71	112233	12
M1100 2.5	01.71- 01.71	110233	14 63			
M1100 3.2	01.71- 01.71	110505	14 75			
M1100 3.8	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
M1100 4.2	01.72- 01.72	110233	14 63			
M1100 5.0	01.72- 01.72	110505	14 75			
	01.69- 01.72	110075	14 60	01.69- 01.72	112233	12
	01.71- 01.71	110233	14 63			
M1200 3.8	01.71- 01.71	110505	14 75			
M1200 4.2	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
	01.72- 01.72	110233	14 63			
	01.72- 01.72	110505	14 75			
M1200 4.4	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
M1200 5.0	01.69- 01.72	110075	14 60			
M1400 3.8	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
M1400 5.0	01.69- 01.69	110075	14 60			
M800 2.5	01.68- 01.71	110075	14 60	01.68- 01.71	112233	12
M800 2.5 Post office	01.71- 01.71	110233	14 63			
	01.71- 01.71	110505	14 75			
M800 3.8	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12



INTERNATIONAL Continued

M800 3.8 Navy		01.69- 01.69	110075	14	60		01.69- 01.69	112233	12
M800 3.8 Post office		01.69- 01.70	110075	14	60				
M800 4.2 Post office		01.72- 01.72	110233	14	63				
		01.72- 01.72	110505	14	75				
M800 5.0		01.69- 01.71	110075	14	60		01.69- 01.71	112233	12
M800 5.0 Navy		01.69- 01.69	110075	14	60		01.69- 01.69	112233	12
M800 5.0 Post office		01.69- 01.72	110075	14	60				
MA1200 3.8		01.71- 01.71	110233	14	63				
		01.71- 01.71	110505	14	75				
		01.69- 01.70	110075	14	60		01.69- 01.70	112233	12
MA1200 4.4		01.68- 01.68	110075	14	60		01.68- 01.68	112233	12
MA1200 5.0		01.69- 01.71	110075	14	60				
MHC1310 4.2		01.74- 01.75	110233	14	63		01.74- 01.75	112233	12
		01.74- 01.75	110505	14	75				
		01.74- 01.75	110937	14	200				
MHC1310 5.0		01.74- 01.75	110233	14	63				
		01.74- 01.75	110505	14	75				
		01.74- 01.75	110937	14	200				
MHC1310 5.0		01.74- 01.75	110233	14	63		01.74- 01.75	112233	12
		01.74- 01.75	110505	14	75				
		01.74- 01.75	110937	14	200				
MS1210 4.2		01.72- 01.73	110233	14	63		01.72- 01.73	112233	12
		01.72- 01.73	110505	14	75				
		01.74- 01.75	110937	14	200				
MS1210 5.0		01.72- 01.73	110233	14	63		01.72- 01.73	112233	12
		01.72- 01.73	110505	14	75				
		01.74- 01.74	110937	14	200				
MS1210 5.6		01.75- 01.75	110233	14	63				
		01.75- 01.75	110505	14	75				
Scout 2.5		01.68- 01.68	110075	14	60		01.68- 01.68	112233	12
Scout 3.2		01.76- 01.79	110233	14	63		01.76- 01.79	112233	12
		01.76- 01.79	110505	14	75				
Scout 3.2		01.76- 01.80	110233	14	63		01.76- 01.80	112233	12
		01.76- 01.80	110505	14	75				
		01.68- 01.68	110075	14	60				
Scout 3.8		01.71- 01.71	110233	14	63		01.71- 01.71	112233	12
		01.71- 01.71	110505	14	75				
Scout 4.3		01.69- 01.70	110075	14	60		01.69- 01.70	112233	12
Scout 4.4		01.68- 01.68	110075	14	60		01.68- 01.68	112233	12
Scout 5.0		01.76- 01.80	110233	14	63		01.76- 01.80	112233	12
		01.76- 01.80	110505	14	75				
		01.69- 01.70	110075	14	60				
Scout 5.0 SS2		01.78- 01.79	110233	14	63		01.78- 01.79	112233	12
		01.78- 01.79	110505	14	75				
Scout 5.0 Terra		01.76- 01.80	110233	14	63		01.76- 01.80	112233	12
		01.76- 01.80	110505	14	75				
Scout 5.6		01.76- 01.80	110233	14	63		01.76- 01.80	112233	12
		01.76- 01.80	110505	14	75				
Scout 5.6 SS2		01.78- 01.79	110233	14	63		01.78- 01.79	112233	12
		01.78- 01.79	110505	14	75				
Scout 5.6 Terra		01.76- 01.80	110233	14	63		01.76- 01.80	112233	12
		01.76- 01.80	110505	14	75				
Scout 5.7		01.72- 01.73	110233	14	63		01.72- 01.73	112233	12
		01.72- 01.73	110505	14	75				
Irmer									
INDUSTRY									
Various Models							07.82-	110512	24 5.4
							08.78- 08.82	110536	12 2.7
							04.77-	113464	24 4.8
							01.92-	112555	12 3.1
								116312	12 2.7 BO
								116139	12 3.0 A49
Isuzu									
PASSENGER CARS EU									
26 2.0 Diesel							01.81- 01.95	110412	12 2.2
							01.81- 01.95	111709	12 2.2
27 2.2 Diesel							01.85- 01.88	111709	12 2.2
							01.85- 01.88	111683	12 2.0
41 2.0 Diesel							01.81- 01.85	110412	12 2.2
							01.81- 01.85	110573	12 2.0
							01.81- 01.85	111709	12 2.2
47 2.2 Diesel							01.85- 01.88	111709	12 2.2
							01.85- 01.88	111683	12 2.0
							01.85-	111247	24 3.5
C190	[4BJ1]						02.88- 01.90	116777	12 1.4
Campo 2.2 Diesel	[C223]	01.91-	110679	14	60		01.91-	111683	12 2.0
		04.86- 12.90	110697	14	50				
Campo 2.2 Diesel 4WD	[C223]	04.86- 12.90	110697	14	50		04.86- 12.90	111559	12 2.0
Campo 2.5 Diesel	[4JA1]	01.83- 12.91	110697	14	50		01.83- 12.91	111683	12 2.0
Campo 2.5 Diesel 4WD	[4JA1]	01.83- 12.91	110697	14	50		01.83- 12.91	111683	12 2.0
		08.89-	111267	14	50				
D-Max 2.5 Ddi	[4JK1E5S-L]	06.12-	115683	14	85				
	[4JK1-E5-TC]	06.12-	115683	14	85				
D-Max 2.5 Ddi 4WD	[4JK1E5S-L]	06.12-	115683	14	85				
	[4JK1-E5-TC]	06.12-	115683	14	85				
D-Max 2.5 Diesel	[4JK1-TC]	01.07-	115683	14	85				
		01.07-	116105	14	90				
D-Max 2.5 Diesel 4WD	[4JA1-TC]	05.02-	114458	14	60		05.02-	116525	12 2.3
D-Max 2.5 DiTD	[4JK1-TC]	10.06- 06.12	115683	14	85				
D-Max 3.0 Diesel 4WD	[4JH1-TC]	05.02-	114458	14	60		05.02-	116525	12 2.3
		05.02-	116107	14	80				
KB 2.5 DiTD 4WD	[4JA1]	07.02- 06.04	116107	14	80		07.02- 06.04	116525	12 2.3
KB 2.5 D-TEQ	[4JK1-TC]	10.08-	116107	14	80				
KB 3.0 DiTD	[4JH1-TC]	10.02- 09.03	116107	14	80				
Midi 2.0	[4ZC1]	06.88-	110679	14	60				
Midi 2.0 4WD	[4ZC1]	09.88-	110679	14	60				
NKR 2.8 Diesel	[4JB1]						01.85- 12.96	111683	12 2.0
Rodeo 3.1 TD	[4JG2]	10.93- 12.97	112228	14	60				
Trooper 2.2 4WD	[C223]	05.84- 07.89	110697	14	50		05.84- 07.89	111683	12 2.0
Trooper 2.2 Diesel 4WD	[C223]	11.86- 10.88	110697	14	50		11.86- 10.88	111683	12 2.0
Trooper 2.2 TD	[C223T]	11.86- 10.88	110697	14	50		11.86- 10.88	111683	12 2.0



Trooper 2.3	[4ZD1]	01.86- 10.88	110679	14 60	01.86- 10.88	112083	12 2.8
Trooper 2.6 i	[4ZE1]	10.87- 01.91	110679	14 60	10.87- 01.91	111683	12 2.0
Trooper 2.8 TD	[4JB1T]	10.87-	111267	14 50	10.87-	111559	12 2.0
	[4JB1-TC]	10.88-	111267	14 50	10.88-	111559	12 2.0
Trooper 3.0 DTi	[4JX1]	04.00-	112673	14 70			
		01.99-	113698	14 90			
	[4JX1T]	04.00-	112673	14 70	04.00-	116777	12 1.4
Trooper 3.1 TD	[4JG2T]	08.91- 07.98	111767	14 80	08.91- 07.98	116777	12 1.4
UBS52 2.2 Diesel					01.84- 01.89	111709	12 2.2
Various Models					06.75-	110412	12 2.2
PASSENGER CARS US							
Amigo 2.2	[X22SE]	01.99- 01.00	111426	14 100	01.99- 01.00	111848	12 1.0
Ascender 5.3		01.03-	112853	14 130			
Hombre 2.2					01.00- 01.00	112900	12 1.4
Hombre 4.3		01.98- 01.00	112665	14 100	01.98- 01.00	112240	12 1.7
					01.00-	112241	12 1.5
I-Mark 1.6		01.89- 01.89	110679	14 60			
Pick Up 2.2		01.81- 01.87	110697	14 50	01.81- 01.87	111683	12 2.0
Pick Up 2.2 Normal cab		01.87- 01.87	110697	14 50	01.87- 01.87	111683	12 2.0
Pick Up 2.2 Turbo		01.86- 01.87	110697	14 50	01.86- 01.87	111683	12 2.0
Rodeo 2.2	[X22SE]	01.01- 01.01	111426	14 100	01.01- 01.01	111848	12 1.0
					01.98- 01.00	111034	12 1.2
Rodeo 2.2 Sport	[X22SE]	01.01- 01.01	111426	14 100			
Rodeo 3.2	[6VD1]	01.98- 01.00	113563	14 90			
Trooper 2.2		01.84-	110697	14 50	01.84-	111683	12 2.0
Trooper 2.2 Turbo		01.86- 01.87	110697	14 50			
PASSENGER CARS AO							
Aska 2.0 Diesel	[4FC1]				04.83- 06.89	110573	12 2.0
D-Max 2.5 Diesel	[4JA1-TC]	10.02-	114458	14 60	10.02-	116525	12 2.3
D-Max 3.0 Diesel	[4JJ1-TC]	01.07- 06.12	115683	14 85			
D-MAX 3.0 DiTD	[4JH1-TC]	10.02-	114458	14 60			
KB 3.0 D-TEQ	[4JJ1-TC]				08.10-	116525	12 2.3
KB 3.0 D-TEQ 4WD	[4JJ1-TC]				08.10-	116525	12 2.3
FORK LIFTS							
C240	[4BJ1]				01.78-	111247	24 3.5
Engine	[3AB1]					116445	12 1.4
INDUSTRY							
Engine	[4BG1TC]					114324	24 4.5
Various Models	[4JH1]		114802	14 60			
			115994	28 40			
MOTORS							
4JB1						114185	24 3.2
Engine	[3K-C1]	01.83- 01.96	113347	14 20	01.83- 01.96	110580	24 4.5
	[6BD1T]				01.85-	110580	24 4.5
		01.85-	111051	28 25			
	[6BG1]					110580	24 4.5
	[6WG1T]		115315	28 50		110580	24 4.5
Iveco							
PASSENGER CARS EU							
29 L 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14 110	09.02-	112441	12 2.3
		09.02-	114765	14 140	09.02-	115505	12 2.3 A49
	[F1AE0481FA]	05.06- 06.06	113279	14 110	05.06- 06.06	112441	12 2.3
		05.06- 06.06	114306	14 180	05.06- 06.06	115505	12 2.3 A49
		05.06- 06.06	114765	14 140			
		05.06- 06.06	115455	14 150			
		05.06- 06.06	116176	14 110			
		05.06- 06.06	116321	14 150			
29 L 11 2.8 Diesel	[8140.43B]	05.99-	112407	14 90	05.99-	112441	12 2.3
					05.99- 09.02	115505	12 2.3 A49
	[8140.43C]	05.99-	112407	14 90	05.99-	112441	12 2.3
					05.99- 09.02	115505	12 2.3 A49
29 L 12 2.3 Diesel	[F1AE0481B]	09.02-	113279	14 110	09.02-	112441	12 2.3
		09.02-	114765	14 140	09.02-	115505	12 2.3 A49
	[F1AE0481GA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
		05.06-	114765	14 140			
		05.06-	115455	14 150			
		05.06-	116176	14 110			
		05.06-	116321	14 150			
29 L 13 2.8 Diesel	[8140.43S]	05.01- 09.04	112407	14 90	05.01- 09.04	112441	12 2.3
					05.01- 09.04	115505	12 2.3 A49
29 L 14 2.3 Diesel	[F1AE0481HA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
		05.06-	114765	14 140			
		05.06-	115455	14 150			
		05.06-	116176	14 110			
		05.06-	116321	14 150			
	[F1AE0481M]	01.05- 04.06	113279	14 110	01.05- 04.06	112441	12 2.3
		01.05- 04.06	114765	14 140	11.05-	115505	12 2.3 A49
29 L 9 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90	11.01- 04.06	112441	12 2.3
					11.01- 04.06	115505	12 2.3 A49
	[8140.63]	05.99-	112407	14 90	05.99-	112441	12 2.3
					05.99-	115505	12 2.3 A49
29 L 9 V 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90	11.01- 04.06	112441	12 2.3
					11.01- 04.06	115505	12 2.3 A49
33 S 11 2.3 Diesel	[F1AE3481A]	03.14-	116573	14 150			
		03.14-	116591	14 150			
	[F1AE3481B]	03.14-	116573	14 150			
		03.14-	116591	14 150			
	[F1AE3481C]	03.14-	116523	14 180	03.14-	115505	12 2.3 A49
		03.14-	116573	14 150			
		03.14-	116591	14 150			
33 S 11 3.0 Diesel	[F1CE3481D]	03.14-	116035	14 150	03.14-	112441	12 2.3
		03.14-	116523	14 180	03.14-	115505	12 2.3 A49
		03.14-	116691	14 150 A49			
		03.14-	116722	14 210			



IVECO Continued

	[F1CE3481J]	03.14-	116035	14 150		03.14-	112441	12 2.3
		03.14- 04.16	116043	14 180		03.14-	115505	12 2.3 A49
		03.14-	116523	14 180				
		03.14- 04.16	116691	14 150 A49				
		03.14- 04.16	116722	14 210				
	[F1CE3481K]	03.14-	116035	14 150		03.14-	112441	12 2.3
		03.14-	116523	14 180		03.14-	115505	12 2.3 A49
		03.14- 04.16	116691	14 150 A49				
		03.14- 04.16	116722	14 210				
33 S 11 3.0 Diesel 4x4	[F1CFL411H]	08.15-	116035	14 150		08.15-	112441	12 2.3
		08.15-	116523	14 180				
		08.15- 04.16	116691	14 150 A49				
		08.15- 04.16	116722	14 210				
33 S 11 3.0	[F1CFA401A]	03.14-	115458	14 150 A49		03.14-	112441	12 2.3
		03.14-	116035	14 150		03.14-	115505	12 2.3 A49
		03.14-	116043	14 180				
		03.14-	116177	14 150				
		03.14-	116523	14 180				
33 S 13 2.3	[F1AFL411B]	03.14-	116691	14 150 A49				
		03.14-	116573	14 150		03.14-	115505	12 2.3 A49
		03.14-	116591	14 150		03.14-	112441	12 2.3
33-120 35-120 2.3 Diesel		04.16-	116591	14 150				
		04.16-	116573	14 150				
33-140 35-140 2.3 Diesel		04.16-	116043	14 180				
		04.16-	116591	14 150				
		04.16-	116573	14 150				
		04.16-	116523	14 180				
33-150 35-150 52-150 60-150 70-150 72-150 3.0 Diesel		04.16-	116722	14 210				
		04.16-	116523	14 180				
		04.16-	116722	14 210				
		04.16-	116523	14 180				
33-150 35-150 52-150 70-150 3.0 Diesel		04.16-	116722	14 210				
		04.16-	116523	14 180				
33-160 35-160 2.3 Diesel		04.16-	116722	14 210				
		04.16-	116591	14 150				
		04.16-	116573	14 150				
		04.16-	116523	14 180				
33-180 35-180 52-180 60-180 70-180 72-180 3.0 Diesel		04.16-	116722	14 210				
		04.16-	116523	14 180				
33-180 35-180 52-180 70-180 3.0 Diesel		04.16-	116722	14 210				
		04.16-	116523	14 180				
33S11 35S11 35C11 2.3	[F1AFL411A]	03.14-	116573	14 150				
		03.14-	116591	14 150				
33S11 35S11 35C11 2.3 Diesel	[F1AE3481A]	03.14-	116573	14 150				
		03.14-	116591	14 150				
	[F1AE3481C]	03.14-	116523	14 180		03.14-	115505	12 2.3 A49
		03.14-	116573	14 150				
	[F1AFL411B]	03.14-	116591	14 150				
33S11 35S11 35C11 3.0 Diesel	[F1CE3481J]	03.14-	116035	14 150		03.14-	112441	12 2.3
		03.14- 04.16	116043	14 180		03.14-	115505	12 2.3 A49
		03.14-	116523	14 180				
		03.14- 04.16	116691	14 150 A49				
		03.14- 04.16	116722	14 210				
	[F1CE3481K]	03.14-	116035	14 150		03.14-	112441	12 2.3
		03.14-	116523	14 180		03.14-	115505	12 2.3 A49
		03.14- 04.16	116691	14 150 A49				
		03.14- 04.16	116722	14 210				
	[F1CFL411G]	03.14-	116035	14 150		03.14-	112441	12 2.3
		03.14-	116523	14 180		03.14-	115505	12 2.3 A49
		03.14-	116691	14 150 A49				
		03.14-	116722	14 210				
33S11 35S11 35C11 3.0 Natural PowerR	[F1CFA401A, F1CFA401B]	03.14-	115458	14 150 A49		03.14-	112441	12 2.3
		03.14-	116035	14 150		03.14-	115505	12 2.3 A49
		03.14-	116043	14 180				
		03.14-	116177	14 150				
		03.14-	116523	14 180				
33S15 35S15 35C15 2.3	[F1AFL411C]	03.14-	116691	14 150 A49				
		03.14-	116523	14 180		03.14-	112441	12 2.3
		03.14-	116591	14 150		03.14-	115505	12 2.3 A49
35 C 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14 110		09.02-	112441	12 2.3
		09.02-	114765	14 140		09.02-	115505	12 2.3 A49
	[F1AE0481FA]	05.06-	113279	14 110		05.06-	112441	12 2.3
		05.06-	114306	14 180		05.06-	115505	12 2.3 A49
		05.06-	114765	14 140				
		05.06-	115455	14 150				
		05.06-	116176	14 110				
35 C 11 2.3	[F1AE0481FA]	05.06-	116321	14 150				
		07.09-	113279	14 110		07.09-	112441	12 2.3
		07.09-	114306	14 180		07.09-	115505	12 2.3 A49
		07.09-	114765	14 140				
		07.09-	115455	14 150				
		07.09-	116176	14 110				
35 C 11 2.3 Diesel	[F1AFL411A]	07.09-	116321	14 150				
		03.14-	116573	14 150				
35 C 11 2.8 Diesel	[8140.43C]	03.14-	116591	14 150				
35 C 12 2.3 Diesel	[F1AE0481B]	05.99-	112407	14 90		05.99-	112441	12 2.3
		09.02-	113279	14 110		09.02-	112441	12 2.3
	[F1AE0481GA]	09.02-	114765	14 140		09.02-	115505	12 2.3 A49
		05.06-	113279	14 110		05.06-	112441	12 2.3
		05.06-	114306	14 180		05.06-	115505	12 2.3 A49
		05.06-	114765	14 140				
		05.06-	115455	14 150				
		05.06-	116176	14 110				
		05.06-	116321	14 150				



35 C 13 2.3	[F1AE0481GA]	07.09- 07.09- 07.09- 07.09- 07.09- 07.09-	113279 114306 114765 115455 116176 116321	14 110 14 180 14 140 14 150 14 110 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
35 C 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09- 07.09-	114082 114705 115490 116043	14 180 A49 14 140 14 140 A49 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
35 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49	09.04- 04.06	112441	12 2.3
35 C 14 3.0	[F1CCNG]	07.07- 08.11 07.09- 07.09- 07.09- 07.09- 07.09-	116043 114082 114705 115458 115490 116177	14 180 14 180 A49 14 140 14 150 A49 14 140 A49 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
35 C 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90	11.01-	112441	12 2.3
35 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06- 05.06- 05.06- 08.11 05.06-	114705 115458 115490 116043 116177	14 140 14 150 A49 14 140 A49 14 180 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
35 C 17 3.0	[F1CE0481HA]	07.07- 08.11 07.09- 07.09-	116043 114705 115490	14 180 14 140 14 140 A49	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
35 C 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06 01.05- 04.06	114705 115490	14 140 14 140 A49	01.05- 04.06 01.05- 04.06	112441 115505	12 2.3 12 2.3 A49
35 C 18 3.0 Diesel	[F1CE0481HA]	05.06- 05.06- 05.06- 05.06- 08.11 05.06-	114705 115458 115490 116043 116177	14 140 14 150 A49 14 140 A49 14 180 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
35 C 9 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90	11.01- 04.06 11.01- 04.06	112441 115505	12 2.3 12 2.3 A49
	[8140.63]	05.99- 12.01	112407	14 90	05.99- 12.01 05.99- 12.01	112441 115505	12 2.3 12 2.3 A49
35 S 10 2.3 Diesel	[F1AE0481A]	09.02- 09.02-	113279 114765	14 110 14 140	09.02- 09.02-	112441 115505	12 2.3 12 2.3 A49
	[F1AE0481FA]	05.06- 05.06- 05.06- 05.06- 05.06- 05.06-	113279 114306 114765 115455 116176 116321	14 110 14 180 14 140 14 150 14 110 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
35 S 11 2.3	[F1AE0481FA]	07.09- 07.09- 07.09- 07.09- 07.09-	113279 114306 114765 115455 116176 116321	14 110 14 180 14 140 14 150 14 110 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
35 S 11 2.8 Diesel	[8140.43C]	05.99-	112407	14 90	05.99-	112441	12 2.3
35 S 12 2.3 Diesel	[F1AE0481B]	09.02- 09.02-	113279 114765	14 110 14 140	09.02- 09.02-	112441 115505	12 2.3 12 2.3 A49
	[F1AE0481GA]	05.06- 05.06- 05.06- 05.06- 05.06- 05.06-	113279 114306 114765 115455 116176 116321	14 110 14 180 14 140 14 150 14 110 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
35 S 13 2.3	[F1AE0481GA]	07.09- 07.09- 07.09- 07.09- 07.09-	113279 114306 114765 115455 116176 116321	14 110 14 180 14 140 14 150 14 110 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
35 S 13 2.8 Diesel	[8140.43S]	05.99- 05.06	112407	14 90	05.99- 05.06	112441	12 2.3
35 S 14 2.3 Diesel	[F1AE0481HA]	05.06- 05.06- 05.06- 05.06- 05.06- 08.11 05.06- 05.06-	113279 114306 114765 115455 116043 116176 116321	14 110 14 180 14 140 14 150 14 180 14 110 14 150	05.06-	112441	12 2.3
35 S 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09- 07.09- 07.09-	114705 115490 116043	14 140 14 140 A49 14 180	07.09-	115505	12 2.3 A49
35 S 14 3.0 Diesel	[F1CE0481A]	01.04- 05.06 01.04- 05.06	114705 115490	14 140 14 140 A49	01.04- 05.06	115505	12 2.3
35 S 14 3.0	[F1CCNG]	07.07- 08.11 07.09- 07.09- 07.09- 07.09- 07.09-	116043 114082 114705 115458 115490 116177	14 180 14 180 A49 14 140 14 150 A49 14 140 A49 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
35 S 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90	11.01- 11.01-	112441 115505	12 2.3 12 2.3 A49
35 S 17 3.0	[F1CE0481HA]	07.07- 08.11 07.09- 07.09- 07.09-	116043 114082 114705 115490	14 180 14 180 A49 14 140 14 140 A49	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
35 S 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06 01.05- 04.06	114705 115490	14 140 14 140 A49	01.05- 04.06 01.05- 04.06	112441 115505	12 2.3 12 2.3 A49
35 S 18 3.0 Diesel	[F1CE0481HA]	05.06- 05.06- 05.06- 05.06- 08.11 05.06-	114705 115458 115490 116043 116177	14 140 14 150 A49 14 140 A49 14 180 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49



IVECO Continued

35 S 9 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90	11.01- 04.06	112441	12 2.3
	[8140.63]	05.99-	112407	14 90	11.01- 04.06	115505	12 2.3 A49
35-10 2.4 Diesel	[8140.21.200]	01.85- 12.89	115873	14 55 A49	01.85- 12.89	111693	12 2.5
		02.85- 06.89	111418	14 60	02.85- 06.89	110814	12 2.7
		02.85- 06.89	112453	14 85	02.85- 06.89	111996	12 2.2
		01.89- 08.98	115873	14 55 A49	07.92- 04.97	111996	12 2.2
35-10 2.5 Diesel	[8140.47R]	07.92- 04.97	111418	14 60			
	[8140.47R.2790]	01.89- 08.98	115873	14 55 A49	01.89- 12.96	111693	12 2.5
35-10 2.8 Diesel	[8140.23]	07.92- 04.97	111418	14 60	07.92- 04.97	111996	12 2.2
		05.96- 05.99	112406	14 90	05.96- 05.99	111996	12 2.2
35-11 2.8					05.99-	112441	12 2.3
35-12 2.5 Diesel	[8140.47.2700]	01.90-	110890	14 55	01.90-	111996	12 2.2
		01.90- 04.96	111418	14 60			
		01.90- 04.96	115873	14 55 A49			
		10.90- 04.96	112453	14 85			
35-12 2.8 Diesel	[8140.43]	05.96-	112406	14 90	05.96-	111693	12 2.5
35-13 2.8					05.99-	112441	12 2.3
35-8 2.4 Diesel	[8140.61.200]	04.78- 06.89	110890	14 55	04.78- 06.89	110814	12 2.7
					04.78- 06.89	111996	12 2.2
35-8 2.5 Diesel	[8140.07.2700]	01.89- 08.98	111418	14 60	01.89- 08.98	111996	12 2.2
		01.89- 08.98	115873	14 55 A49			
	[8140.07.2712]	01.89- 08.98	111418	14 60	01.89- 08.98	111693	12 2.5
		01.89- 08.98	115873	14 55 A49			
	[8140.67F]	01.89- 08.98	111418	14 60	01.89- 08.98	111996	12 2.2
		01.89- 08.98	115873	14 55 A49	01.89- 08.98	111693	12 2.5
	[8140.67F.3701]	01.91- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2
		01.91- 08.98	115873	14 55 A49			
	[8140.67F.3710]	01.91- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2
		01.91- 08.98	115873	14 55 A49			
	[8140.67F.3711]	01.91- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2
		01.91- 08.98	115873	14 55 A49			
	[8140.67F.3713]	01.91- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2
		01.91- 08.98	115873	14 55 A49			
	[8140.67F.3721]	01.91- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2
		01.91- 08.98	115873	14 55 A49			
35-8 2.8 Diesel	[8140.63.]	09.98- 05.99	112406	14 90	09.98- 05.99	111996	12 2.2
35-9 2.8					05.99-	112441	12 2.3
35S14 2.3	[F1AE0481HA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
		05.06-	114765	14 140			
		05.06-	115455	14 150			
		05.06-	116176	14 110			
		05.06-	116321	14 150			
35S15 35C15 40C15 50C15 65C15 70C15 3.0	[F1CFL411E]	03.14-	116035	14 150			
		03.14- 04.16	116043	14 180			
		03.14-	116523	14 180			
		03.14- 04.16	116691	14 150 A49			
	[F1CFL411J]	03.14- 04.16	116722	14 210			
		03.14-	116035	14 150			
		03.14- 04.16	116043	14 180			
		03.14-	116523	14 180			
35S15 35C15 40C15 50C15 65C15 70C15 3.0 Diesel	[F1CFL411E]	03.14- 04.16	116691	14 150 A49			
		03.14- 04.16	116722	14 210			
	[F1CFL411J]	03.14-	116035	14 150			
		03.14- 04.16	116043	14 180			
		03.14-	116523	14 180			
		03.14- 04.16	116691	14 150 A49			
	[F1CFL411H]	03.14- 04.16	116722	14 210			
		03.14-	116035	14 150	03.14-	115505	12 2.3 A49
35S17 35C17 40C17 50C17 55S17 65C17 70C17 3.0	[F1CFL411F]	03.14-	116523	14 180			
		03.14- 04.16	116691	14 150 A49			
		03.14- 04.16	116722	14 210			
	[F1CFL411H]	03.14-	116035	14 150	03.14-	112441	12 2.3
		03.14-	116523	14 180			
		03.14- 04.16	116691	14 150 A49			
		03.14- 04.16	116722	14 210			
35S18W 3.0	[F1CE0481HC]	06.06- 08.11	114082	14 180	06.06- 08.11	112441	12 2.3
		06.06- 08.11	114705	14 140	06.06- 08.11	115505	12 2.3
		06.06- 08.11	115458	14 150 A49			
		06.06- 08.11	115490	14 140			
		06.06- 08.11	116043	14 180			
		06.06- 08.11	116177	14 150			
		06.06- 08.11	116200	14 110			
35S21 35C21 40C21 50C21 65C21 70C21 3.0	[F1CE3481D]	03.14-	116035	14 150	03.14-	112441	12 2.3
		03.14-	116523	14 180	03.14-	115505	12 2.3 A49
		03.14-	116691	14 150 A49			
		03.14-	116722	14 210			
	[F1CFL411G]	03.14-	116035	14 150	03.14-	112441	12 2.3
		03.14-	116523	14 180	03.14-	115505	12 2.3 A49
		03.14-	116691	14 150 A49			
		03.14-	116722	14 210			
40 C 10 2.3 Diesel	[F1AE0481FA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114765	14 140	05.06-	115505	12 2.3 A49
		05.06-	115455	14 150			
		05.06-	116176	14 110			
		05.06-	116321	14 150			



40 C 11 2.3	[F1AE0481FA]	07.09- 07.09- 07.09- 07.09- 07.09- 07.09-	113279 114306 114765 115455 116176 116321	14 110 14 180 14 140 14 150 14 110 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 11 2.8 Diesel	[8140.43B]	05.99- 05.06	112407	14 90	05.99- 05.06	112441	12 2.3
	[8140.43C]	05.99- 05.06	112407	14 90	05.99- 05.06	112441	12 2.3
40 C 12 2.3 Diesel	[F1AE0481GA]	05.06- 05.06- 05.06- 05.06- 05.06-	113279 114765 115455 116176 116321	14 110 14 140 14 150 14 110 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 C 13 2.3	[F1AE0481GA]	07.09- 07.09- 07.09- 07.09- 07.09- 07.09-	113279 114306 114765 115455 116176 116321	14 110 14 180 14 140 14 150 14 110 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 14 2.3 Diesel	[F1AE0481GA]	05.06- 05.06- 05.06- 05.06- 05.06-	113279 114765 115455 116176 116321	14 110 14 140 14 150 14 110 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 C 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09- 07.09- 07.09-	114082 114705 114765 115490 116043	14 180 A49 14 140 14 140 14 140 A49 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49	09.04- 04.06 09.04- 04.06	112441 115505	12 2.3 12 2.3 A49
40 C 14 3.0	[F1CCNG]	07.07- 08.11 07.09- 07.09- 07.09- 07.09- 07.09-	116043 114082 114705 115458 115490 116177	14 180 14 180 A49 14 140 14 150 A49 14 140 A49 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 15 2.8 Diesel	[8140.43N]	11.01- 04.06	112407	14 90	11.01- 04.06	112441	12 2.3
40 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06- 05.06- 05.06- 08.11 05.06-	114705 115458 115490 116043 116177	14 140 14 150 A49 14 140 A49 14 180 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 C 17 3.0	[F1CE0481HA]	07.07- 08.11 07.09- 07.09- 07.09-	116043 114082 114705 115490	14 180 14 180 A49 14 140 14 140 A49	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 17 3.0 Diesel	[F1CE0481B]	01.04- 05.06 01.04- 05.06	114705 115490	14 140 14 140 A49	01.04- 05.06 01.05- 04.06	115505 112441	12 2.3 A49 12 2.3
40 C 18 3.0 Diesel	[F1CE0481HA]	05.06- 05.06- 05.06- 05.06- 08.11 05.06-	114705 115458 115490 116043 116177	14 140 14 150 A49 14 140 A49 14 180 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 S 10 2.3 Diesel	[F1AE0481FA]	05.06- 05.06- 05.06- 05.06- 05.06-	113279 114765 115455 116176 116321	14 110 14 140 14 150 14 110 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 S 11 2.3	[F1AE0481FA]	07.09- 07.09- 07.09- 07.09- 07.09- 07.09-	113279 114306 114765 115455 116176 116321	14 110 14 180 14 140 14 150 14 110 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 13 2.3	[F1AE0481GA]	07.09- 07.09- 07.09- 07.09- 07.09- 07.09-	113279 114306 114765 115455 116176 116321	14 110 14 180 14 140 14 150 14 110 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09- 07.09- 07.09-	114082 114705 114765 115490 116043	14 180 A49 14 140 14 140 14 140 A49 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 14 3.0	[F1CCNG]	07.07- 08.11 07.09- 07.09- 07.09- 07.09- 07.09-	116043 114082 114705 115458 115490 116177	14 180 14 180 A49 14 140 14 150 A49 14 140 A49 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 17 3.0	[F1CE0481HA]	07.09- 07.09- 07.09-	114082 114705 115490	14 180 A49 14 140 14 140 A49	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06 01.05- 04.06	114705 115490	14 140 14 140 A49	01.05- 04.06 01.05- 04.06	112441 115505	12 2.3 12 2.3 A49
40-10 2.4 Diesel	[8140.275]	01.85- 12.89 01.85- 12.89 01.85- 12.89	110890 111418 115873	14 55 14 60 14 55 A49	01.85- 12.89 01.85- 12.89	110814 111693	12 2.7 12 2.5
40-10 2.5 Diesel	[8140.27.2720]	01.90- 04.96 01.90- 04.96	111418 115873	14 60 14 55 A49	01.90- 04.96 01.90- 04.96	111996 111693	12 2.2 12 2.5
40-10 2.8 Diesel	[8140.23]	09.96- 05.99	112406	14 90	09.96- 05.99	111996	12 2.2
40-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90	05.96- 05.99	111996	12 2.2
40-8 2.4 Diesel	[8140.61.200]	01.83- 06.89 01.83- 06.89 01.83- 06.89 01.83- 06.89	110882 110890 111418 115873	14 45 14 55 14 60 14 55 A49	01.83- 06.89	111996	12 2.2



IVECO Continued

40C15 50C15 60C15 3.0		11.16-	116035	14	150	11.16-	112441	12	2.3
		11.16-	116523	14	180	11.16-	115505	12	2.3
		11.16-	116691	14	150 A49				
		11.16-	116722	14	210				
40C18 50C18 60C18 3.0		11.16-	116035	14	150	11.16-	112441	12	2.3
		11.16-	116523	14	180	11.16-	115505	12	2.3
		11.16-	116691	14	150 A49				
		11.16-	116722	14	210				
45 C 14 3.0	[F1CE3481LC]					07.09-	112441	12	2.3
						07.09-	115505	12	2.3 A49
45 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14	140	05.06-	112441	12	2.3
		05.06-	115490	14	140 A49	05.06-	115505	12	2.3 A49
45 C 17 3.0	[F1CE0481HA]					07.09-	112441	12	2.3
						07.09-	115505	12	2.3 A49
45 C 18 3.0 Diesel	[F1CE0481HA]	05.06-	114705	14	140	05.06-	112441	12	2.3
		05.06-	115490	14	140 A49	05.06-	115505	12	2.3 A49
45-10 2.4 Diesel	[8140.21.200]	01.85- 12.89	115873	14	55 A49	02.85-	110814	12	2.7
		02.85-	110890	14	55	02.85- 06.89	111996	12	2.2
		02.85- 06.89	111418	14	60	02.85- 06.89	111693	12	2.5
		02.85- 06.89	112453	14	85				
45-10 2.5 Diesel	[8140.27.2720]	01.89- 04.96	111418	14	60	01.89- 04.96	111996	12	2.2
		01.89- 04.96	115873	14	55 A49	01.89- 04.96	111693	12	2.5
		09.89- 04.96	112453	14	85				
45-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14	90	05.96- 05.99	111693	12	2.5
45-12 2.5 Diesel	[8140.47.2711]	06.90- 04.96	111418	14	60	06.90- 04.96	111996	12	2.2
		06.90- 04.96	112453	14	85				
		06.90- 04.96	115873	14	55 A49				
	[8140.47.2721]	06.90- 04.96	111418	14	60	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85				
		06.90- 04.96	115873	14	55 A49				
45-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14	90	05.96- 05.99	111693	12	2.5
45C/E 50C/E						09.16-	112441	12	2.3
						09.16-	115505	12	2.3
49-10 2.4 Diesel	[8140.21.200]	01.85- 12.89	115873	14	55 A49	02.85-	110814	12	2.7
		02.85-	110890	14	55	02.85- 06.89	111996	12	2.2
		02.85- 06.89	111418	14	60	02.85- 06.89	111693	12	2.5
		02.85- 06.89	112453	14	85				
49-10 2.5 Diesel	[8140.27.2700]	01.89- 04.96	111418	14	60	01.89- 04.96	111693	12	2.5
		01.89- 04.96	115873	14	55 A49	01.89- 04.96	111996	12	2.2
	[8140.47R.2790]	01.89- 04.96	111418	14	60	01.89- 04.96	111693	12	2.5
		01.89- 04.96	112453	14	85	01.89- 04.96	111996	12	2.2
		01.89- 04.96	115873	14	55 A49				
49-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14	90	05.96- 05.99	111693	12	2.5
49-11 2.8						05.99-	112441	12	2.3
49-12 2.5 Diesel	[8140.47.2711]	06.90- 04.96	111418	14	60	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85	06.90- 04.96	111996	12	2.2
		06.90- 04.96	115873	14	55 A49				
	[8140.47.2721]	06.90- 04.96	111418	14	60	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85	06.90- 04.96	111996	12	2.2
		06.90- 04.96	115873	14	55 A49				
49-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14	90	05.96- 05.99	111693	12	2.5
50 C 11 2.8 Diesel	[8140.43C]	05.99-	112407	14	90	05.99-	112441	12	2.3
						05.99-	115505	12	2.3 A49
50 C 11 2.8 CNG CNG	[8149.03]	05.02- 05.06	112407	14	90	05.02- 05.06	111996	12	2.2
50 C 11 2.8 CNG Natural Power	[8149.03]	05.99- 04.06	112407	14	90	05.99- 04.06	111996	12	2.2
50 C 13 2.8 Diesel	[8140.43S]	05.99-	112407	14	90	05.99-	112441	12	2.3
						05.99-	115505	12	2.3 A49
50 C 14 3.0	[F1CE3481LC]	07.09-	114082	14	180 A49	07.09-	112441	12	2.3
		07.09-	114705	14	140	07.09-	115505	12	2.3 A49
		07.09-	115458	14	150 A49				
		07.09-	115490	14	140 A49				
		07.09-	116043	14	180				
		07.09-	116177	14	150				
50 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06	114705	14	140	09.04- 04.06	112441	12	2.3
		09.04- 04.06	115490	14	140 A49	09.04- 04.06	115505	12	2.3 A49
50 C 14 3.0	[F1CCNG]	07.07- 08.11	116043	14	180	07.09-	112441	12	2.3
		07.09-	114082	14	180 A49	07.09-	115505	12	2.3 A49
		07.09-	114705	14	140				
		07.09-	115458	14	150 A49				
		07.09-	115490	14	140 A49				
		07.09-	116177	14	150				
50 C 15 2.8 Diesel	[8140.43N]	05.01-	112407	14	90	05.01-	112441	12	2.3
50 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14	140	05.06-	112441	12	2.3
		05.06-	115458	14	150 A49	05.06-	115505	12	2.3 A49
		05.06-	115490	14	140 A49				
		05.06- 08.11	116043	14	180				
		05.06-	116177	14	150				
50 C 17 3.0	[F1CE0481HA]	07.07- 08.11	116043	14	180	07.09-	112441	12	2.3
		07.09-	114082	14	180 A49				
		07.09-	114705	14	140	07.09-	115505	12	2.3 A49
		07.09-	115490	14	140 A49				
50 C 17 3.0 Diesel	[F1CE0481B]	09.04- 04.06	114705	14	140	09.04- 04.06	112441	12	2.3
		09.04- 04.06	115490	14	140 A49	09.04- 04.06	115505	12	2.3 A49
50 C 18 3.0 Diesel	[F1CE0481HA]	05.06-	114705	14	140	05.06-	112441	12	2.3
		05.06-	115458	14	150 A49	05.06-	115505	12	2.3 A49
		05.06-	115490	14	140 A49				
		05.06- 08.11	116043	14	180				
		05.06-	116177	14	150				
50-11 2.8						05.99-	112441	12	2.3
50C H3 Electric 50C H3 Electric						10.15-	112441	12	2.3
						10.15-	115505	12	2.3 A49
50C18 65C18 3.0		11.16-	116035	14	150	11.16-	112441	12	2.3
		11.16-	116523	14	180	11.16-	115505	12	2.3
		11.16-	116691	14	150 A49				
		11.16-	116722	14	210				



55 S 17 3.0	[F1CE0481HA]	07.09- 07.09- 07.09- 07.09- 07.09- 07.09-	114082 114705 115458 115490 116043 116177	14 180 A49 14 140 14 150 A49 14 140 A49 14 180 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
55C17 3.0		08.07- 03.12 08.07- 03.12 08.07- 03.12	114705 115490 116043	14 140 14 140 14 180			
55S18W 3.0	[F1CE0481HC]	06.06- 08.11 06.06- 08.11 06.06- 08.11 06.06- 08.11 06.06- 08.11 06.06- 08.11	114082 114705 115458 115490 116043 116177 116200	14 180 14 140 14 150 A49 14 140 14 180 14 150 14 110	06.06- 08.11 06.06- 08.11	112441 115505	12 2.3 12 2.3
59-12 2.5 Diesel	[8140.47.2700]	05.91- 04.96 05.91- 04.96 05.91- 04.96	111418 112453 115873	14 60 14 85 14 55 A49	05.91- 04.96 05.91- 04.96	111693 111996	12 2.5 12 2.2
	[8140.47.2711]	05.91- 04.96 05.91- 04.96 05.91- 04.96	111418 112453 115873	14 60 14 85 14 55 A49	05.91- 04.96 05.91- 04.96	111693 111996	12 2.5 12 2.2
59-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90	05.96- 05.99	111693	12 2.5
60 C 14 3.0	[F1CE3481LC]	07.09- 07.09-	114082 114705	14 180 A49 14 140	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
60 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06-	114705 115490	14 140 14 140 A49	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
60 C 17 3.0	[F1CE0481HA]	07.07- 08.11 07.09- 07.09-	116043 114705 115490	14 180 14 140 14 140 A49	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
60 C 18 3.0 Diesel	[F1CE0481HC]	05.06- 05.06-	114705 115490	14 140 14 140 A49	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
65 C 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09- 07.09-	114082 114705 115490 116043	14 180 A49 14 140 14 140 A49 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
65 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49	09.04- 04.06 09.04- 04.06	112441 115505	12 2.3 12 2.3 A49
65 C 14 3.0	[F1CCNG]	07.09- 07.09- 07.09- 07.09- 07.09-	114082 114705 115458 115490 116043 116177	14 180 A49 14 140 14 150 A49 14 140 A49 14 180 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
65 C 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90	11.01-	112441	12 2.3
65 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06- 05.06- 05.06- 08.11 05.06-	114705 115458 115490 116043 116177	14 140 14 150 A49 14 140 A49 14 180 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
65 C 17 3.0	[F1CE0481HA]	07.07- 08.11 07.09- 07.09- 07.09-	116043 114082 114705 115490	14 180 14 180 A49 14 140 14 140 A49	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
65 C 17 3.0 Diesel	[F1CE0481B]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49	09.04- 04.06 09.04- 04.06	112441 115505	12 2.3 12 2.3 A49
65 C 18 3.0 Diesel	[F1CE0481HC]	05.06- 05.06- 05.06- 05.06- 08.11 05.06-	114705 115458 115490 116043 116177	14 140 14 150 A49 14 140 A49 14 180 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
70 C 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09- 07.09- 07.09-	114082 114705 115458 115490 116043 116177	14 180 A49 14 140 14 150 A49 14 140 A49 14 180 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
70 C 17 3.0	[F1CE0481HA]	07.07- 08.11 07.09- 07.09- 07.09-	116043 114082 114705 115490	14 180 14 180 A49 14 140 14 140 A49	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
Daily 2.5 Diesel 40-10 W 4x4	[8140.27]	01.90- 01.97	110882	14 45	01.90- 01.97	110814	12 2.7
Daily 2.5 Diesel 40-8	[8140.07]	01.90- 01.96 01.90- 01.96	111418 115873	14 60 14 55 A49	01.90- 01.96	112441	12 2.3
Daily 2.8 Diesel 49-10 (15054204 15054211)	[8140.23]	01.96- 12.99 01.96- 12.99 01.96- 12.99	111418 112406 115873	14 60 14 90 14 55 A49	01.96- 12.99	112441	12 2.3
Daily 3.0 Natural Power 50C14	[F1CE0441A]	09.11- 02.14 09.11- 02.14 09.11- 02.14 09.11- 02.14	114082 115458 116043 116177	14 180 A49 14 150 A49 14 180 14 150	09.11- 02.14 09.11- 02.14	112441 115505	12 2.3 12 2.3 A49
Daily 3.0 4x4	[F1CE3481C]	09.11- 02.14 09.11- 02.14 09.11- 02.14 09.11- 02.14 09.11- 02.14 09.11- 02.14	114082 114705 115458 115490 116043 116177	14 180 A49 14 140 14 150 A49 14 140 A49 14 180 14 150	09.11- 02.14 09.11- 02.14 09.11- 02.14	112441 111996 115505	12 2.3 12 2.2 12 2.3 A49
Daily 3.0 Diesel 35C21 35S21 40C21 50C2	[F1CFL4115]	04.19-	116722	14 210			
Daily 3.0 Diesel 35S16 35C16 40C16 50C1	[F1CFL4116]	04.19-	116722	14 210			
Daily 3.0 Diesel 35S17 40C17 45C17 50C1	[F1CE3481C, F1CE3481K]	09.11- 02.14 09.11- 02.14 09.11- 02.14 09.11- 02.14 09.11- 02.14	114082 114705 115458 115490 116043 116177	14 180 A49 14 140 14 150 A49 14 140 A49 14 180 14 150	09.11- 02.14 09.11- 02.14 09.11- 02.14	112441 111996 115505	12 2.3 12 2.2 12 2.3 A49

IVECO Continued

Daily 3.0 Diesel 4x4		09.16-	116035	14	150		
		09.16-	116523	14	180		
		09.16-	116691	14	150 A49		
		09.16-	116722	14	210		
Daily 3.0 Diesel 50C15	[F1CE3481B]	09.11- 02.14	113279	14	110	09.11- 02.14	112441 12 2.3
		09.11- 02.14	114082	14	180 A49	09.11- 02.14	111996 12 2.2
		09.11- 02.14	114306	14	180	09.11- 02.14	115505 12 2.3
		09.11- 02.14	114705	14	140		
		09.11- 02.14	114765	14	140		
		09.11- 02.14	115455	14	150 A49		
		09.11- 02.14	115458	14	150 A49		
		09.11- 02.14	115490	14	140 A49		
		09.11- 02.14	116043	14	180		
		09.11- 02.14	116176	14	110		
		09.11- 02.14	116177	14	150		
		09.11- 02.14	116321	14	150		
Daily 3.0 Diesel 50C21 60C21	[F1CFL4115]	04.16-	116722	14	210		
Daily 3.0 Diesel 55C18 55S18 70S18 70C1	[F1CFL411W, F1CFL4117]	01.18-	116722	14	210		
Daily Citys Bus 3.0 Diesel	[F1CFL411E]	06.14-	116035	14	150	06.14-	112441 12 2.3
		06.14- 10.16	116043	14	180	06.14-	115505 12 2.3 A49
		06.14-	116523	14	180		
		06.14- 10.16	116691	14	150 A49		
	[F1CFL411F]	06.14- 10.16	116722	14	210		
		06.14-	116035	14	150	06.14-	112441 12 2.3
		06.14-	116523	14	180	06.14-	115505 12 2.3 A49
		06.14- 10.16	116691	14	150 A49		
	[F1CFL411F]	06.14- 10.16	116722	14	210		
		10.15-	115458	14	150 A49	10.15-	112441 12 2.3
		10.15- 10.16	116043	14	180	10.15- 10.16	115505 12 2.3 A49
		10.15-	116177	14	150		
Daily Citys Bus 3.0 50C Natural Power		10.15-	116523	14	180		
		11.97- 07.07	111418	14	60	11.97- 07.07	111996 12 2.2
		11.97- 07.07	112406	14	90		
		11.97- 07.07	115873	14	55 A49		
Daily III 2.8	[8140.23.]	05.99-	112407	14	90		
Daily Line Bus 3.0 Diesel	[F1CFL411E]	06.14-	116035	14	150	06.14-	112441 12 2.3
		06.14- 10.16	116043	14	180	06.14- 10.16	115505 12 2.3 A49
		06.14-	116523	14	180		
		06.14- 10.16	116691	14	150 A49		
	[F1CFL411F]	06.14- 10.16	116722	14	210		
		06.14-	116035	14	150	06.14-	112441 12 2.3
		06.14-	116523	14	180		
		06.14- 10.16	116691	14	150 A49		
	[F1CFA401A]	06.14- 10.16	116722	14	210		
		06.14-	115458	14	150 A49	06.14-	112441 12 2.3
		06.14-	116035	14	150	06.14-	115505 12 2.3 A49
		06.14-	116043	14	180		
Daily Scudato 2.5 Diesel A 49-10 (94719304 947193)	[8140.27]	06.14-	116177	14	150		
		06.14-	116523	14	180		
		06.14-	116691	14	150 A49		
		01.90- 01.96	111418	14	60	01.90- 01.96	110814 12 2.7
Daily Tourys Bus 3.0 Diesel	[F1CFL411F]	01.90- 01.96	112453	14	85	01.90- 01.96	111996 12 2.2
		01.90- 01.96	115873	14	55 A49		
		06.14-	116035	14	150	06.14-	112441 12 2.3
		06.14-	116523	14	180	06.14-	115505 12 2.3 A49
Daily V 2.3	[F1AE3481A]	06.14- 10.16	116691	14	150 A49		
		06.14- 10.16	116722	14	210		
	[F1AE3481B]	09.11-	113279	14	110	09.11-	112441 12 2.3
		09.11-	114765	14	140	09.11-	115505 12 2.3 A49
		09.11-	115455	14	150		
		09.11-	116176	14	110		
	[F1AE3481C]	09.11-	116321	14	150		
		09.11-	113279	14	110	09.11-	112441 12 2.3
		09.11-	114765	14	140	09.11-	115505 12 2.3 A49
		09.11-	115455	14	150		
	[F1AE3481D]	09.11-	115458	14	150 A49		
		09.11- 02.14	116043	14	180		
		09.11-	116176	14	110		
		09.11-	116177	14	150		
	[F1AE3481E]	09.11-	116321	14	150		
		09.11-	113279	14	110	09.11-	112441 12 2.3
		09.11-	114765	14	140	09.11-	115505 12 2.3 A49
		09.11-	115455	14	150		
Daily V 2.3 Diesel	[F1AE3481C]	09.11-	115458	14	150 A49		
		09.11-	116176	14	110		
		09.11- 02.14	116177	14	150		
		09.11- 02.14	116321	14	150		
	[F1AE3481D]	09.11-	113279	14	110	09.11-	112441 12 2.3
		09.11-	114765	14	140	09.11-	115505 12 2.3 A49
		09.11-	115455	14	150		
		09.11-	115458	14	150 A49		
	[F1AE3481E]	09.11-	116176	14	110		
		09.11-	116177	14	150		
		09.11-	116321	14	150		
		09.11-	113279	14	110	09.11-	112441 12 2.3
Daily V 3.0	[F1CE3481C]	09.11-	114705	14	140	09.11-	112441 12 2.3
		09.11-	115458	14	150 A49	09.11-	115505 12 2.3 A49
		09.11-	115490	14	140 A49		
		09.11- 02.14	116043	14	180		
	[F1CE3481C,F1CE3481K]	09.11-	116177	14	150		
		09.11-	114705	14	140	09.11-	112441 12 2.3
		09.11-	115458	14	150 A49	09.11-	115505 12 2.3 A49
		09.11-	115490	14	140 A49		
	[F1CE3481D]	09.11- 02.14	116043	14	180		
		09.11-	116177	14	150		
		09.11-	115458	14	150 A49		
		09.11- 02.14	116043	14	180		
	[F1CE3481D]	09.11-	116177	14	150		
		09.11-	116177	14	150		



[F1CE3481J]	09.11-	113279	14 110	09.11-	112441	12 2.3
	09.11-	114705	14 140			
	09.11-	114765	14 140	09.11-	115505	12 2.3 A49
	09.11-	115455	14 150			
	09.11-	115458	14 150 A49			
	09.11-	115490	14 140 A49			
	09.11- 02.14	116043	14 180			
	09.11-	116176	14 110			
	09.11-	116177	14 150			
	09.11-	116321	14 150			
[F1CE3481J,F1CE3481L]	09.11-	113279	14 110	09.11-	112441	12 2.3
	09.11-	114705	14 140			
	09.11-	114765	14 140	09.11-	115505	12 2.3 A49
	09.11-	115455	14 150			
	09.11-	115458	14 150 A49			
	09.11-	115490	14 140 A49			
	09.11- 02.14	116043	14 180			
	09.11-	116176	14 110			
	09.11-	116177	14 150			
	09.11-	116321	14 150			
[F1CE3481K]	09.11-	114705	14 140	09.11-	112441	12 2.3
	09.11-	115458	14 150 A49	09.11-	115505	12 2.3 A49
	09.11-	115490	14 140 A49			
	09.11- 02.14	116043	14 180			
	09.11-	116177	14 150			
[F1CE3481L]	09.11-	113279	14 110	09.11-	112441	12 2.3
	09.11-	114705	14 140			
	09.11-	114765	14 140	09.11-	115505	12 2.3
	09.11-	115455	14 150			
	09.11-	115458	14 150 A49			
	09.11-	115490	14 140 A49			
	09.11- 02.14	116043	14 180			
	09.11-	116176	14 110			
	09.11-	116177	14 150			
	09.11-	116321	14 150			
Massif 3.0 HPi	[F1CE0481FA]	10.08-	114705 14 140	10.08-	112441 12 2.3	
		10.08-	115490 14 140 A49	10.08-	115505 12 2.3 A49	
Massif 3.0 HPi Single Cab	[F1CE0481FA]	10.08-	114705 14 140	10.08-	112441 12 2.3	
		10.08-	115490 14 140 A49	10.08-	115505 12 2.3 A49	
Massif 3.0 HPT	[F1CE0481HA]	10.08-	114705 14 140	10.08-	112441 12 2.3	
		10.08-	115490 14 140 A49	10.08-	115505 12 2.3 A49	
Massif 3.0 HPT Single Cab	[F1CE0481HA]	10.08-	114705 14 140	10.08-	112441 12 2.3	
		10.08-	115490 14 140 A49	10.08-	115505 12 2.3 A49	
Natural Power 35S14 35C14 40C14 50C14 65C14 7 3.0	[F1CFA401B]	03.14-	115458 14 150 A49	03.14-	112441 12 2.3	
		03.14-	116035 14 150	03.14-	115505 12 2.3	
		03.14-	116043 14 180			
		03.14-	116177 14 150			
		03.14-	116523 14 180			
		03.14-	116691 14 150 A49			
Natural Power 35S14 35C14 40C14 50C14 65C14 7 3.0 Natural Power	09.11- 02.14	114082	14 180	09.11- 02.14	112441	12 2.3
	09.11- 02.14	115458	14 150 A49	09.11- 02.14	115505	12 2.3 A49
	09.11- 02.14	116043	14 180			
	09.11- 02.14	116177	14 150			
	09.11- 02.14	114082	14 180	09.11- 02.14	112441	12 2.3
NaturalPower 35S14 35C14 40C14 50C14 65C14 70 3.0 Natural Power	09.11- 02.14	115458	14 150 A49	09.11- 02.14	115505	12 2.3
	09.11- 02.14	116043	14 180			
	09.11- 02.14	116177	14 150			
	09.11- 02.14	114082	14 180	09.11- 02.14	112441	12 2.3
	09.11- 02.14	115458	14 150 A49	09.11- 02.14	115505	12 2.3
Power Daily 2.8 Diesel 42.12 50.12	[8140.43.]			12.07-	111996	12 2.2
Power Daily Bus 2.8 Diesel A40.12 A42.12 A50.12	[8140.43.]			12.07-	111996	12 2.2
Power Daily Van 2.8 Diesel 42.12 50.12	[8140.43.]			12.07-	111996	12 2.2
30-8 2.4 Diesel	[8140.61.200]	01.78- 06.89	110890 14 55	01.78- 06.89	111996 12 2.2	
				04.78- 06.89	110814 12 2.7	
30-8 2.5 Diesel	[8140.07.2700]	01.89- 08.98	111418 14 60	01.89- 08.98	111996 12 2.2	
		01.89- 08.98	115873 14 55 A49	01.89- 08.98	111693 12 2.5	
	[8140.07.2712]	01.89- 08.98	111418 14 60	01.89- 08.98	111996 12 2.2	
		01.89- 08.98	115873 14 55 A49	01.89- 08.98	111693 12 2.5	
	[8140.67F]	01.89- 08.98	111418 14 60	01.89- 08.98	111996 12 2.2	
		01.89- 08.98	115873 14 55 A49	01.89- 08.98	111693 12 2.5	
	[8140.67F.3710]	01.96- 08.98	111418 14 60	01.96- 08.98	111996 12 2.2	
		01.96- 08.98	115873 14 55 A49			
	[8140.67F.3711]	01.96- 08.98	111418 14 60	01.96- 08.98	111996 12 2.2	
		01.96- 08.98	115873 14 55 A49			
	[8140.67F.3713]	01.96- 08.98	111418 14 60	01.96- 08.98	111996 12 2.2	
		01.96- 08.98	115873 14 55 A49	01.96- 08.98	111996 12 2.2	
	[8140.67F.3721]	01.96- 08.98	111418 14 60			
		01.96- 08.98	115873 14 55 A49			
30-8 2.8 Diesel	[8140.63.]	09.98- 05.99	112406 14 90	09.98- 05.99	111996 12 2.2	
30-10 2.8 Diesel	[8140.23.]	05.96- 05.99	112406 14 90	05.96- 05.99	111996 12 2.2	
29-11 2.8				05.99-	112441 12 2.3	
PASSENGER CARS AO						
Daily 3.0	[F1CE0481FA]	07.08- 08.11	116043 14 180			
MARINE						
8041 3.9	[8041SRM15.10]			01.90- 12.00	110813 12 2.7	
8141 2.4	[8141SRM1300]			09.91- 12.01	110813 12 2.7	
8210 13.9	[8210M22.10]	09.86- 12.00	112097 28 30	12.88- 12.00	110532 24 6.6	
		12.88- 12.00	111419 28 55			
8281 17.0	[8281M32.10]	01.90-	111419 28 55	01.90-	110532 24 6.6	
8282 17.0	[8282.02... 22...]	01.92-	111419 28 55	01.92-	110532 24 6.6	
8361 8.0	[8361.25.540...]			01.92- 12.02	110522 12 3.0	
8361 8.1	[8361M16.10]			01.90- 12.00	110522 12 3.0	
8460 9.5	[5460.41.970]	10.89-	111419 28 55	10.89-	110582 24 5.4	
Various Models		05.89- 12.00	111419 28 55	05.89- 12.00	113453 24 6.5	
		03.90- 12.00	111686 14 65			
		06.83- 02.90	112097 28 30			
INDUSTRY						
Engine 6.7	[F4GE9684G]	01.06-	115608 14 120			



IVECO Continued

MOTORS									
8040 3.9	[8040.25.900]					06.87- 12.99	110813	12	2.7
8041 3.7	[8041.04..]					07.83- 12.84	110517	24	3.2
						07.83- 12.84	110813	12	2.7
8041 3.9	[8041.05..]					06.86- 09.88	110521	24	4.0
						06.86- 09.88	110529	12	3.0
						06.87- 12.89	110813	12	2.7
						10.89- 12.89	110517	24	3.2
8051 4.9	[8051.05..]					01.84-	110521	24	4.0
						01.84-	110529	12	3.0
8061 5.5	[8061.04..]					06.83- 09.86	110521	24	4.0
						06.83- 09.86	110529	12	3.0
8061 5.9	[8061..]	01.86-	111419	28	55	01.86-	110813	12	2.7
						01.86- 12.00	110529	12	3.0
8141 2.4	[8141..]	01.90- 08.93	110882	14	45	01.90- 08.93	110814	12	2.7
8210 13.0	[8210.22.170]	06.83- 12.89	112097	28	30	06.83- 12.89	110532	24	6.6
8210 13.8	[8210..]	03.85- 12.89	112097	28	30	03.85- 12.89	110532	24	6.6
8215 13.8	[8215.22.545]					01.87-	110347	24	7.5
8217 13.8	[8217.32.036]					01.91-	110532	24	6.6
8262 12.9	[8262.43.001]					01.90-	110347	24	7.5
8281 17.2	[8281.02..., 22..]	06.83-	111419	28	55	06.83-	110532	24	6.6
		06.83- 10.86	112097	28	30				
8361 8.1	[8361.25..]	06.83-	111419	28	55	06.83-	110522	12	3.0
		06.83-	111686	14	65				
8460 9.5	[8460SL..]					10.89-	110582	24	5.4
Jaguar									
PASSENGER CARS EU									
S-type 2.5 V6	[JB]	04.02-	115789	14	120				
		04.02-	115956	14	120				
S-type 2.7 Diesel L	[AJD]	06.04-	116056	14	150				
S-type 3.0 V6	[AJ-V6]	01.99-	115789	14	120	01.99-	116474	12	2.0
		01.99-	115956	14	120				
	[FB]	01.99-	115789	14	120				
		01.99-	115956	14	120				
XF 2.2 Diesel	[224DT]	05.11-	116597	14	180				
XF 2.7 Diesel	[AJD]	03.08-	115720	14	150	03.08-	116474	12	2.0
XF 3.0 Diesel	[306DT]	03.09-	115720	14	150	03.09-	116474	12	2.0
	[AJV6D]	03.09-	115720	14	150	03.09-	116474	12	2.0
XF Sportbrake 2.2 Diesel	[224DT]	09.12-	116597	14	180				
XF Sportbrake 2.2 Diesel Sportbrake	[224DT]	09.12-	116597	14	180				
XF Sportbrake 3.0 Diesel	[306DT]	09.12-	115720	14	150	09.12-	116474	12	2.0
	[AJV6D]	09.12-	115720	14	150	09.12-	116474	12	2.0
XJ 3.0 Diesel	[AJV6D]					10.09-	116474	12	2.0
XJ 6 2.7 Diesel	[AJD]	10.05-	116056	14	150	10.05-	113745	12	1.4
						10.05-	116474	12	2.0
XJ 6 3.0	[AJ-V6]	05.03-	115956	14	120	05.03-	113745	12	1.4
XJ 6 3.2 24V	[9BPMNA]					09.90- 11.94	113745	12	1.4
XJ 6 3.4	[XK3.4]	05.75- 10.86	111185	14	43	05.75- 10.86	113745	12	1.4
XJ 6 3.6	[AJ6.4]					10.86- 08.89	113745	12	1.4
XJ 6 4.0	[9EPCNA]					09.89- 11.94	113745	12	1.4
XJ 8 4.0	[BC]	07.97- 05.03	115748	14	120				
XJ R 4.0	[DC]	07.97- 05.03	115748	14	120				
XJ S 3.6	[9DPALA]					01.88- 05.91	113745	12	1.4
	[9DPANA]					01.88- 05.91	113745	12	1.4
	[AJ6]					10.86- 12.88	113745	12	1.4
XJ S 4.0	[9EPCNA]					05.91- 09.94	113745	12	1.4
XJ S 5.3	[V12]					01.87- 05.92	113171	12	2.0
XJ SC 3.6	[AJ6]					10.86- 12.88	113745	12	1.4
XJ SC 4.0	[9EPCNA]					05.91- 09.94	113745	12	1.4
XK 4.0	[EC]	05.98- 05.07	115748	14	120				
XK 8 4.0	[AJ27]	03.96-	115748	14	120				
	[CC]	03.96-	115748	14	120				
	[CE]	03.96-	115748	14	120				
	[EC]	02.98-	115748	14	120				
X-type 2.0 Diesel	[FMBA]	07.03- 10.05	113709	14	115	07.03- 10.05	112821	12	2.2
						07.03- 11.09	115870	12	2.1
	[FMBB]	07.03- 10.05	113709	14	115	07.03- 10.05	111374	12	1.5
	[R4-X404]	07.03- 11.09	113709	14	115	07.03- 11.09	112821	12	2.2
						07.03- 11.09	115870	12	2.1
X-type 2.0 V6	[YB]	03.02- 10.05	115788	14	120	03.02- 10.05	115870	12	2.1
	[YB (AJ-V6)]	11.03-	115788	14	120	11.03-	115870	12	2.1
X-type 2.2 Diesel	[LJ46G]	10.05-	113709	14	115	10.05-	111374	12	1.5
						10.05-	115870	12	2.1
X-type 2.5 V6	[XB]	06.01-	115787	14	120	02.04-	115870	12	2.1
		06.01-	115788	14	120	06.01-	112821	12	2.2
X-type 3.0 V6	[AJ-V6]	06.01-	115787	14	120	02.04-	115870	12	2.1
		06.01-	115788	14	120	06.01-	112821	12	2.2
PASSENGER CARS US									
XJ 4.2		01.71- 01.71	110179	14	36				
XJ 12 5.3		01.73- 01.74	111204	14	70	01.73- 01.74	113171	12	2.0
XJ 12 5.3 L		01.79- 01.79	111204	14	70				
XJ 6 4.2		01.72- 01.74	110179	14	36				
XJ 6 4.2 C		01.75- 01.77	110179	14	36				
XJ 6 4.2 L		01.75- 01.77	110179	14	36				
XJS 5.3		01.76- 01.78	111204	14	70	01.76- 01.78	113171	12	2.0
X-type 2.5						01.02- 01.02	111374	12	1.5
X-type 3.0						01.02- 01.03	111374	12	1.5
PASSENGER CARS AO									
XJ 4.0		10.89- 08.94	116492	14	120				
JCB									
FORK LIFTS									
926 Rough Terrain Forklifts	[JCB444T (Tier 3)]		114081	14	95		114264	12	4.2
			114772	14	95				
			116454	14	95				
930 Rough Terrain Forklifts	[JCB444T (Tier 3)]		114081	14	95		114264	12	4.2
			114772	14	95				
			116454	14	95				
940 Rough Terrain Forklifts	[JCB444T (Tier 3)]		114081	14	95		114264	12	4.2
			114772	14	95				
			116454	14	95				



INDUSTRY									
3	[BMC 384/4]					01.71- 01.80	111573	12	2.8
	[BMC 4/65]					01.71- 01.80	111573	12	2.8
8	[Perkins 6-354]					OE 01.69-	114387	12	3.2 IS
						01.69-	114388	12	3.2 IS
						01.69- 01.74	110460	12	2.8
						01.69-	116307	12	3.2 IS
						01.69-	116308	12	3.2 IS
						01.85- 01.90	113654	12	3.0 MA
						01.85- 01.90	113655	12	3.0 MA
110	[Perkins 4-243]					01.70- 01.81	110460	12	2.8
190 Skid Steer Loaders	[JCB444TA (Tier 3)]	114081	14	95			114264	12	4.2
		114772	14	95					
		116454	14	95					
215 Tractor/Loader/Backhoes	[1004-4T]	111355	14	65			114388	12	3.2
		112698	14	100			116308	12	3.2
		114772	14	95					
217 Tractor/Loader/Backhoes	[1004-4T]	111355	14	65			114388	12	3.2
		112698	14	100			116308	12	3.2
		114772	14	95					
407		01.93-	114360	14	70	01.93-	113654	12	3.0
407 Wheel Loaders and Dozers	[1104C-44]	114772	14	95			114264	12	4.2
		116456	14	95					
408 Wheel Loaders and Dozers	[1104C-44]	114772	14	95			113654	12	3.0
		116456	14	95			114264	12	4.2
409 Wheel Loaders	[TD 2011 L4i]	116544	14	95			114264	12	4.2
		116547	14	120					
409 Wheel Loaders and Dozers	[1104C-44]	114772	14	95			113181	12	2.3
		116456	14	95			113654	12	3.0
411 Loader		115742	14	100					
411 Wheel Loaders and Dozers	[1004-4T]	111355	14	65			113654	12	3.0
		112698	14	100			114388	12	3.2
		114772	14	95					
	[1104C-44T]	113763	14	85			114264	12	4.2
	[JCB444TA (Tier 3)]	114081	14	95			116308	12	3.2
		114772	14	95					
		116454	14	95					
412 Wheel Loaders and Dozers	[1004-4T]	111355	14	65			113654	12	3.0
		112698	14	100			114388	12	3.2
		114772	14	95					
	[1104C-44T]	113763	14	85			116308	12	3.2
416 Wheel Loaders and Dozers	[1104C-44T]	113763	14	85			113654	12	3.0
	[JCB444TA (Tier 3)]	114081	14	95			114264	12	4.2
		114772	14	95					
		116454	14	95					
420 Loader						01.82- 01.91	110615	12	2.8
430 Loader						01.83-	110615	12	2.8
530 Backhoe		115742	14	100					
580 Loader		115742	14	100					
714 Off-Highway Trucks	[QSB6.7]	116317	28	70			114326	24	7.5
718 Off-Highway Trucks	[QSB6.7]	116317	28	70			114326	24	7.5
722 Off-Highway Trucks	[QSB6.7]	116317	28	70			114326	24	7.5
802 Excavators	[103-15]	110770	14	55			110615	12	2.8
							115393	12	4.0
803 Excavators	[103-15]	110770	14	55			110615	12	2.8
							115393	12	4.0
804 Excavators	[103-15]	110770	14	55			110615	12	2.8
							115393	12	4.0
926 Rough Terrain Forklifts	[1104C-44]	114772	14	95			113654	12	3.0
		116456	14	95			114264	12	4.2
930 Rough Terrain Forklifts	[1104C-44]	114772	14	95			113654	12	3.0
		116456	14	95			114264	12	4.2
940 Rough Terrain Forklifts	[1104C-44]	114772	14	95			113654	12	3.0
		116456	14	95			114264	12	4.2
1110 Skid Steer Loaders	[JCB444TA (Tier 3)]	114081	14	95			114264	12	4.2
		114772	14	95					
		116454	14	95					
8014 Excavators	[103-10]	110770	14	55			112534	12	2.0
	[403C-11]	111048	14	40					
		111048	14	40					
		113921	14	40					
8015 Excavators	[103-10]	110770	14	55			112534	12	2.0
		111048	14	40					
8016 Excavators	[103-10]	110770	14	55			112534	12	2.0
		111048	14	40					
8017 Excavators	[103-10]	110770	14	55			112534	12	2.0
		111048	14	40					
8018 Excavators	[103-10]	110770	14	55			112534	12	2.0
		111048	14	40					
8052 Excavators	[103-15]	110770	14	55			110615	12	2.8
							115393	12	4.0
8060 Excavators	[4JG1]	115432	14	50			114038	12	2.2
1105 D Rollers	[6BT5.9]	111843	14	95					
1105 PD Rollers	[6BT5.9]	111843	14	95					
1106 D Rollers	[6BTA5.9]	111843	14	95					
1106 PD Rollers	[6BTA5.9]	111843	14	95					
1CX Tractor/Loader/Backhoes	[404D-22]	113763	14	85			115325	24	2.5
1CXT Tractor/Loader/Backhoes	[404D-22]	113763	14	85			115325	24	2.5
210S Tractor/Loader/Backhoes	[1104C-44T]	113763	14	85			113654	12	3.0
212S Tractor/Loader/Backhoes	[1104C-44]	114772	14	95			113654	12	3.0
		116456	14	95			114264	12	4.2
214E TURBO Tractor/Loader/Backhoes	[1004-4T]	111355	14	65			114388	12	3.2
		112698	14	100			116308	12	3.2
		114772	14	95					
214S Tractor/Loader/Backhoes	[1004-4T]	111355	14	65			114388	12	3.2
		112698	14	100			116308	12	3.2
		114772	14	95					
215S Tractor/Loader/Backhoes	[1004-4T]	111355	14	65			114388	12	3.2
		112698	14	100			116308	12	3.2
		114772	14	95					



JCB Continued

217 SERIES Tractor/Loader/Backhoes		[1004-4T]	111355 112698 114772	14 65 14 100 14 95	114388 116308	12 3.2 12 3.2
217S Tractor/Loader/Backhoes		[1004-4T]	111355 112698 114772	14 65 14 100 14 95	114388 116308	12 3.2 12 3.2
2B					01.69- 01.70	111573 12 2.8
2CX Backhoe Loader		01.92-	114081	14 95	01.92-	113654 12 3.0
		01.92-	114360	14 70	01.92-	114264 12 4.2
2CX Tractor/Loader/Backhoes		[1104C-44]	114772 116456	14 95 14 95		
2CXL Wheel Loaders and Dozers		[1104C-44]	114772 116456	14 95 14 95	113654 114264	12 3.0 12 4.2
2D		[BMC 384/4] [BMC 4/65]			01.72- 01.80 01.71- 01.80	111573 12 2.8 111573 12 2.8
3C 14 & 3C LL		[JCB444T (Tier 3)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3C LL Tractor/Loader/Backhoes		[JCB444T (Tier 2)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3C-14 FT Tractor/Loader/Backhoes		[JCB444T (Tier 2)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3C-14 3C-15 & 3C LL		[JCB444T (Tier 3)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3C-15 FT Tractor/Loader/Backhoes		[JCB444T (Tier 2)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3CX Backhoe Loader		01.85- 01.85-	114081 114360	14 95 14 70	01.85- 01.85-	114264 12 4.2 116308 12 3.2
3CX Tractor/Loader/Backhoes		[1004-4T]	111355 112698 114772	14 65 14 100 14 95	113654	12 3.0
		[1104C-44]	114772 116456	14 95 14 95		
		[1104C-44T]	113763	14 85	114388	12 3.2
		[JCB444T (Tier 2)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3CX CONTRACTOR		[JCB444T (Tier 2)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
		[JCB444TA (Tier 3)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3CX ECO SERIES		[JCB444T (Tier 2)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
		[JCB444T (Tier 3)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3CX ECO SERIES (OPT)		[JCB444T (Tier 3)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3CX Pothole Master		[JCB444 Ecomax-109]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3CX SERIES Tractor/Loader/Backhoes		[JCB444T (Tier 2)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
		[JCB444TA (Tier 3)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3CX-14 FT Tractor/Loader/Backhoes		[JCB444T (Tier 2)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3CX-14 3CX-15 & 3CX-17		[JCB444T (Tier 3)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3CX-15 FT Tractor/Loader/Backhoes		[JCB444T (Tier 2)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3CX-17 FT Tractor/Loader/Backhoes		[JCB444T (Tier 2)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3DX Premium		[JCB448 Ecomax-145]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
3DXL Wheel Loaders and Dozers		[JCB448 Ecomax-145]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
403 406 2008 L3			115970	14 55		
407 ZX Wheel Loaders and Dozers		[1104C-44]	114772 116456	14 95 14 95	113654 114264	12 3.0 12 4.2
408 ZX Wheel Loaders and Dozers		[1104C-44]	114772 116456	14 95 14 95	113654 114264	12 3.0 12 4.2
409 ZX Wheel Loaders and Dozers		[1104C-44]	114772 116456	14 95 14 95	113654 114264	12 3.0 12 4.2
410 ZX Wheel Loaders and Dozers		[1104C-44]	114772 116456	14 95 14 95	113654 114264	12 3.0 12 4.2
411 AGRI Wheel Loaders and Dozers		[JCB444TA (Tier 3)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2
411 HT Wheel Loaders and Dozers		[JCB444TA (Tier 3)]	114081 114772 116454	14 95 14 95 14 95	114264	12 4.2



412S AGRI Wheel Loaders and Dozers	[JCB444TA (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
414S AGRI Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
414S FARM MASTER Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
416 HT Wheel Loaders and Dozers	[JCB444TA (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
416S AGRI Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
416S FARM MASTER Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
422ZX Wheel Loaders and Dozers	[JCB444TA (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
426 AGRI Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
426 HT Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
426 HT WASTEMASTER Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
426 ZX Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
426 ZX WASTEMASTER Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
426E HT Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
426E ZX Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
426ZX Wheel Loaders and Dozers	[JCB444TA (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
430 ZX Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
430ZX Wheel Loaders and Dozers	[JCB444 Ecomax-125]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
432 ZX Wheel Loaders and Dozers	[6BTA5.9]	111843	14	95			
434S AGRI Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
436 AGRI Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
436 HT Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
436 HT WASTEMASTER Wheel Loaders	[QSB6.7]	116317	28	70	114326	24	7.5
436 WASTEMASTER Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
436 ZX Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
436E HT Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
436E ZX Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
456 AGRI Wheel Loaders and Dozers	[QSB6.7]	116317	28	70	114326	24	7.5
4CX Tractor/Loader/Backhoes	[1004-4T]	111355	14	65	110615	12	2.8
		112698	14	100	113654	12	3.0
		114772	14	95			
	[1104C-44T]	113763	14	85	114388	12	3.2
	[JCB444T (Tier 2)]	114081	14	95	114264	12	4.2
		114772	14	95	116308	12	3.2
		116454	14	95			
4CX ECO Tractor/Loader/Backhoes	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
4CX SERIES Tractor/Loader/Backhoes	[JCB444T (Tier 2)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
	[JCB444TA (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
4CX-14 FT Tractor/Loader/Backhoes	[JCB444T (Tier 2)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
4CX-14 4CX-15 & 4CX-17	[JCB444T (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
4CX-15 FT Tractor/Loader/Backhoes	[JCB444T (Tier 2)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
4CX-17 FT Tractor/Loader/Backhoes	[JCB444T (Tier 2)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
4D	[BMC 384/4]				01.72- 01.80	111573	12 2.8
	[BMC 4/65]				01.71- 01.80	111573	12 2.8
4DX Tractor/Loader/Backhoes	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
506-36 LOADALL (NA MKT) Rough	[JCB444T (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
506C HL LOADALL Rough Terrain	[1104C-44]	114772	14	95	114264	12	4.2
		116456	14	95			
	[1104C-44T]	113763	14	85	113654	12	3.0
	[JCB444T (Tier 2)]	114081	14	95	113654	12	3.0
		114772	14	95	114264	12	4.2
		116454	14	95			
506C LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95	114264	12	4.2
		116456	14	95			
	[1104C-44T]	113763	14	85	113654	12	3.0
	[JCB444T (Tier 2)]	114081	14	95	113654	12	3.0
		114772	14	95	114264	12	4.2
		116454	14	95			
507-42 LOADALL (NA MKT) Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
508C LOADALL Rough Terrain Forklifts	[1104C-44T]	113763	14	85	113654	12	3.0
	[JCB444T (Tier 2)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			



JCB Continued

509-42 LOADALL (NA MKT) Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
510-56 LOADALL (NA MKT) Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
512-56 LOADALL (NA MKT) Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
520 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
		113763	14	85	115325	24	2.5
520-40 LOADALL Rough Terrain Forklifts	[404D-22]						
520-50 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
		114772	14	95	114264	12	4.2
524-50 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95	114264	12	4.2
		116456	14	95			
525-50 LOADALL Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14	95	113654	12	3.0
		114772	14	95	114264	12	4.2
		116454	14	95			
525-50 LOADALL Rough Terrain Forklifts	[1004-4T]	111355	14	65	113654	12	3.0
		112698	14	100			
		114772	14	95	114264	12	4.2
526 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95	116308	12	3.2
		116456	14	95			
526 LOADALL Rough Terrain Forklifts	[1104C-44T]	113763	14	85	114388	12	3.2
		111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
526-55 & 526S LOADALL Rough Terrain Forklifts	[1004-4T]	114772	14	95			
		116456	14	95			
		113763	14	85	113654	12	3.0
526-55 & 526S LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
		114772	14	95	114264	12	4.2
527-55 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95	114264	12	4.2
		116456	14	95			
527-55 LOADALL Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14	95	113654	12	3.0
		114772	14	95	114264	12	4.2
		116454	14	95			
527-58 LOADALL WASTEMASTER Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
528-70 & 528S LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
		113763	14	85	113654	12	3.0
530 LOADALL Rough Terrain Forklifts	[1104C-44T]	113763	14	85	113654	12	3.0
		111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
530-70 & 530-70 FS LOADALL Rough Terrain Forklifts	[1004-4T]	114772	14	95			
		116456	14	95			
		113763	14	85	113654	12	3.0
530-70 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
531-70 LOADALL Rough Terrain Forklifts	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
531-70T LOADALL Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
531-70T LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
531-70T LOADALL Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
532 LOADALL Rough Terrain Forklifts	[1004-4T]	111355	14	65	113654	12	3.0
		112698	14	100	114388	12	3.2
		114772	14	95			
533-105 LOADALL Rough Terrain Forklifts	[1104C-44T]	113763	14	85	116308	12	3.2
		114772	14	95	114264	12	4.2
		116456	14	95			
533-105 LOADALL Rough Terrain Forklifts	[1104C-44]	113763	14	85	113654	12	3.0
		114081	14	95	113654	12	3.0
		114772	14	95	114264	12	4.2
533-105T LOADALL Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
533-105T LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
535 LOADALL Rough Terrain Forklifts	[1004-4T]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
535 LOADALL Rough Terrain Forklifts	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			



535-125 & 535-140 LOADALL Rough Terrain Forklifts	[1104C-44T]	113763	14 85	113654	12 3.0
535-125 & 535-140 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14 95	113654	12 3.0
535-125 HI VIZ LOADALL Rough Terrain Forklifts	[JCB444T (Tier 3)]	116456	14 95	114264	12 4.2
		114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
535-125T HI VIZ LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
	[JCB444T (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
535-140 HI VIZ LOADALL Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
535-140 LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
535-140T HI VIZ LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
	[JCB444T (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
535-60 FS LOADALL Rough Terrain Forklifts	[1104C-44T]	113763	14 85	113654	12 3.0
535-95 & 535-95 FS LOADALL Rough Terrain Forklifts	[1104C-44T]	113763	14 85	113654	12 3.0
535-95 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14 95		
		116456	14 95		
	[JCB444 Ecomax-109]	114081	14 95	113654	12 3.0
		114772	14 95	114264	12 4.2
		116454	14 95		
	[JCB444T (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
535-95T LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
	[JCB444T (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
536-60 LOADALL Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
536-60T LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
	[JCB444T (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
537 LOADALL Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
540 LOADALL Rough Terrain Forklifts	[1004-4T]	111355	14 65	113654	12 3.0
		112698	14 100		
		114772	14 95	114264	12 4.2
	[1104C-44]	114772	14 95	116308	12 3.2
		116456	14 95		
	[1104C-44T]	113763	14 85	114388	12 3.2
540-140 & 540-170 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14 95	113654	12 3.0
		116456	14 95	114264	12 4.2
	[1104C-44T]	113763	14 85	113654	12 3.0
540-140 LOADALL Rough Terrain Forklifts	[JCB444T (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
540-140T LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
	[JCB444T (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
540-170 LOADALL Rough Terrain Forklifts	[JCB444 Ecomax-109]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
540-170T LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
	[JCB444T (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		
540-170T LOADALL (OPT 1). Rough Terrain Forklifts	[JCB444TA (Tier 3)]	114081	14 95	114264	12 4.2
		114772	14 95		
		116454	14 95		



JCB Continued

540-170T LOADALL (OPT). Rough Terrain Forklifts	[JCB444TA (Tier 3)]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
540-200 LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
	[JCB444T (Tier 3)]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
540-70 & 540-70 FS LOADALL Rough Terrain Forklifts	[1104C-44T]	113763	14	85		113654	12	3.0
540-70 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95		113654	12	3.0
		116456	14	95		114264	12	4.2
540-70/540-170 Rough Terrain Forklifts	[1004-4T]	111355	14	65		114388	12	3.2
		112698	14	100		116308	12	3.2
		114772	14	95				
541-70 LOADALL Rough Terrain Forklifts	[JCB444 Ecomax-109]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
541-70T LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
	[JCB444T (Tier 3)]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
550 LOADALL Rough Terrain Forklifts	[1104C-44T]	113763	14	85		113654	12	3.0
550-140 LOADALL Rough Terrain Forklifts	[1104C-44]	114772	14	95				
		116456	14	95				
	[1104C-44T]	113763	14	85		113654	12	3.0
	[JCB444T (Tier 2)]	114081	14	95		113654	12	3.0
		114772	14	95		114264	12	4.2
		116454	14	95				
	[JCB444T (Tier 3)]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
550-170 LOADALL Rough Terrain Forklifts	[JCB444T (Tier 2)]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
	[JCB444T (Tier 3)]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
550-80 LOADALL Rough Terrain Forklifts	[JCB444 Ecomax-125]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
5C					01.70- 01.71	110460	12	2.8
5CX Wastemaster	[JCB444 Ecomax-109]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
600/900 SERIES Plate Compactors	[GX120]					113671	12	
65R-I Excavators	[404D-22]	113763	14	85		115325	24	2.5
67C-I Excavators	[404D-22]	113763	14	85		115325	24	2.5
6C					01.70- 01.71	110460	12	2.8
7B					01.69- 01.71	110460	12	2.8
7C					01.69- 01.71	110460	12	2.8
800 SERIES Excavators	[403C-15]	111355	14	65		112534	12	2.0
801.4 Excavators	[103-10]	110770	14	55		112534	12	2.0
		111048	14	40				
801.5 Excavators	[103-10]	110770	14	55		112534	12	2.0
		111048	14	40				
801.6 Excavators	[103-10]	110770	14	55		112534	12	2.0
		111048	14	40				
8016 & 8018 Excavators	[403C-11]	111048	14	40		112534	12	2.0
		113921	14	40				
802 SUPER Excavators	[103-15]	110770	14	55		110615	12	2.8
						115393	12	4.0
	[403C-15]	111355	14	65		112534	12	2.0
802.4 Excavators	[103-15]	110770	14	55		110615	12	2.8
						115393	12	4.0
8025 ZTS & 8030 ZTS Excavators	[403C-15]	111355	14	65		112534	12	2.0
8027 & 3032 ZTS Excavators	[403C-15]	111355	14	65		112534	12	2.0
803 PLUS Excavators	[103-15]	110770	14	55		110615	12	2.8
						115393	12	4.0
803 PLUS & SUPER Excavators	[403C-15]	111355	14	65		112534	12	2.0
803PLUS & SUPER Excavators	[103-15]	110770	14	55		110615	12	2.8
						115393	12	4.0
804 PLUS Excavators	[103-15]	110770	14	55		110615	12	2.8
						115393	12	4.0
804 SUPER Excavators	[103-15]	110770	14	55		110615	12	2.8
						115393	12	4.0
	[403C-15]	111355	14	65		112534	12	2.0
8080 ZTS Excavators	[4JG1]	115432	14	50		114038	12	2.2
AT 22 B Plate Compactors	[GX160]					113671	12	
AT 8 Plate Compactors	[GX120]					113671	12	
AV 1300 B Plate Compactors	[GX160]					113671	12	
G90X Generator Sets	[JCB444 Ecomax-125]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
HMEE-1 (TRACTOR/LOADER/BACKHOE) Tactical Military Equipme	[QS86.7]	116317	28	70		114326	24	7.5



JS 130 Excavators	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS 145 Excavators	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS 160 Excavators	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS 180 Excavators	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS 190 Excavators	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS 205LC Excavators	[6BT5.9]	111843	14	95			
JS 260 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
JS130 Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
JS130 SERIES Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
JS130LC Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
JS130NL/NLC 4.4					115776	24	4.0
JS130W Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
JS145W Excavators	[4BG1T]	115994	28	40	114264	12	4.2
	[JCB448 Ecomax-145]	114081	14	95	111254	24	4.5
		114772	14	95	114324	24	4.5
		116454	14	95			
JS160 Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
JS160L/NL Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
JS160LC Excavators	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS160W Excavators	[4BG1T]	115994	28	40	114264	12	4.2
	[JCB448 Ecomax-145]	114081	14	95	111254	24	4.5
		114772	14	95	114324	24	4.5
		116454	14	95			
JS175W & JS200W Excavators	[4HK1X]	116531	28	80	114659	24	5.0
JS180L Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
JS200 Excavators	[4HK1X]	116531	28	80	114659	24	5.0
	[6BT5.9]	111843	14	95	114659	24	5.0
JS200 SERIES Excavators	[4HK1X]	116531	28	80	114659	24	5.0
JS200LC Excavators	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS205 LR Excavators	[6BT5.9]	111843	14	95			
JS20MH Excavators	[JCB448 Ecomax-145]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS210 Excavators	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS210L Excavators	[4HK1X]	116531	28	80	114659	24	5.0
JS210LC 4.8					115776	24	4.0
JS220					115776	24	4.0
JS220 SERIES Excavators	[4HK1X]	116531	28	80	114659	24	5.0
JS220LC Excavators	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS220LR Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
JS235					115776	24	4.0
JS235LC Excavators	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
JS240 SERIES Excavators	[4HK1X]	116531	28	80	114659	24	5.0
JZ140 SERIES Excavators	[4BG1T]	115994	28	40	111254	24	4.5
					114324	24	4.5
JZ70 Excavators	[4JG1]	115432	14	50	114038	12	2.2
Loadall 540-170 Rough Terrain Forklifts	[JCB444 Ecomax-109]	114081	14	95	114264	12	4.2
		114772	14	95			
		116454	14	95			
MICRO & MICRO PLUS Excavators	[403C-11]	111048	14	40	112534	12	2.0
		113921	14	40			
MIDI CX Tractor/Loader/Backhoes	[404D-22]	113763	14	85	115325	24	2.5
MINI CX Tractor/Loader/Backhoes	[403C-11]	111048	14	40	112534	12	2.0
		113921	14	40			
MINI CX & MINI CX 4X4 Tractor/Loader/Backhoes	[403C-11]	111048	14	40	112534	12	2.0
		113921	14	40			
Mini Digger					01.99-		
NA TC TCA, 4.4		115899	28	55	110552	12	1.1
NA, TC, TCA 4.4					115776	24	4.0
ROBOT 1110 Skid Steer Loaders	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
ROBOT 1110 TRACKED Skid Steer	[1004-4T]	111355	14	65	113654	12	3.0
		112698	14	100	114388	12	3.2
		114772	14	95	114264	12	4.2
	[1104C-44]	114772	14	95	116308	12	3.2
		116456	14	95			
ROBOT 190 Skid Steer Loaders	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2



JCB Continued

ROBOT 190 TRACKED Skid Steer	[1004-4T]	111355	14	65		113654	12	3.0
		112698	14	100		114388	12	3.2
		114772	14	95		114264	12	4.2
	[1104C-44]	114772	14	95		116308	12	3.2
		116456	14	95				
Robot-135 Skid Steer Loaders	[404D-22]	113763	14	85		115325	24	2.5
TC, TCA 4.4						115776	24	4.0
TCA 4.8						115776	24	4.0
TCAE 4.4						115776	24	4.0
TCAE 4.8						115776	24	4.0
TD10 Dumpers/Tenders	[GX390]					113671	12	
TD10 SL Dumpers/Tenders	[GX390]					113671	12	
TLT 25 Rough Terrain Forklifts	[404D-22]	113763	14	85		115325	24	2.5
TLT 30 Rough Terrain Forklifts	[404D-22]	113763	14	85		115325	24	2.5
TLT 30D 4X4 Rough Terrain Forklifts	[404D-22]	113763	14	85		115325	24	2.5
TM 270 Wheel Loaders and Dozers	[1004-4T]	111355	14	65		114388	12	3.2
		112698	14	100		116308	12	3.2
		114772	14	95				
TM220 Wheel Loaders	[TD 2011 L4i]	116544	14	95		113181	12	2.3
		116547	14	120				
TM320 Rough Terrain Forklifts	[JCB444 Ecomax-125]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
TM320S Rough Terrain Forklifts	[JCB448 Ecomax-145]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
Various Models	[Isuzu 4HK1 / I4HK1T]	116481	28	50		113181	12	2.3
						114659	24	5.0
	[Isuzu 6BG1]					114483	24	4.5
	01.87-	113763	14	85	01.87-	110615	12	2.8
	01.85-	115970	14	55	01.85-	112534	12	2.0
					01.85-	115325	24	2.5
					01.85-	114264	12	4.2
					01.85-	116315	24	3.7
VM1500 MULTI-PURPOSE Rollers	[D1005-E]	111048	14	40		114485	12	1.1
		113921	14	40				
VM166 (TIER 2) Rollers	[6BTA5.9]	111843	14	95				
VM166 (TIER 3) Rollers	[QSB6.7]	116317	28	70		114326	24	7.5
VM200 Rollers	[QSB6.7]	116317	28	70		114326	24	7.5
VM46 Rollers	[B3.3-65 ELITE]					112344	12	2.5
VMT 860 Rollers	[JCB444 Ecomax-125]	114081	14	95		114264	12	4.2
		114772	14	95				
		116454	14	95				
VMT160 Rollers	[D1005-E]	111048	14	40		110447	12	1.0
		113921	14	40		114485	12	1.1
	[D722-E]	114205	14	40		114485	12	1.1
						116537	12	1.4
VMT160 & VTM160 TSC Rollers	[D1005-E]	111048	14	40		114485	12	1.1
		113921	14	40				
VMT260 Rollers	[D1503-E]	113921	14	40		113893	12	1.2
VTM860 Rollers	[JCB444TA (Tier 3)]	114081	14	95		114264	12	4.2
		114772	14	95		114266	24	4.0
		116454	14	95				
W 1402 D/PD Rollers	[6BT5.9]	111843	14	95				
	[6BTA5.9]	111843	14	95				
W 1403 D Rollers	[6BTA5.9]	111843	14	95				
W 1403 PD Rollers	[6BTA5.9]	111843	14	95				
W 1405 D Rollers	[6BTA5.9]	111843	14	95				
W 1405 PD Rollers	[6BTA5.9]	111843	14	95				
W 1500 Rollers	[D1005-E]	111048	14	40		114485	12	1.1
		113921	14	40				
W 1802 D/PD Rollers	[BF6L913]	112098	14	65		113467	12	3.7
W 1803 D Rollers	[6BTA5.9]	111843	14	95				
W 1803 PD Rollers	[6BTA5.9]	111843	14	95				
W 1805 D Rollers	[6BTA5.9]	111843	14	95				
W 1805 PD Rollers	[6BTA5.9]	111843	14	95				
W 501 Rollers	[F3L1011]	112183	14	60		112041	12	2.2
		113991	14	80				
		114077	28	40				
Jeep								
PASSENGER CARS EU								
Cherokee 2.0 CRD	[EBS, EBT]	04.14- 08.18	116666	14	160			
	[EBT]	04.14- 08.18	116666	14	160			
Cherokee 2.0 CRD 4x4	[EBT]	04.14- 08.18	116666	14	160			
Cherokee 2.4	[ED1]	09.01-	115935	14	130			
Cherokee 2.5 CRD	[R425 (DOHC)]	09.01-	114377	14	110	09.01-	111490	12 1.4
		09.01-	114405	14	110	09.01-	114279	12 2.2
Cherokee 2.5 i	[EPE]	12.91-	111193	14	90	12.91-	111349	12 1.2
						11.96- 01.98	112301	12 1.2
	[HX]	12.91-	111193	14	90	12.91-	111349	12 1.2
Cherokee 2.5 TD	[EPE]	10.95-	114243	14	130	10.95-	111490	12 1.4
		10.95-	114828	14	90	10.95-	114279	12 2.2
		10.95- 09.01	116499	14	100			
Cherokee 2.8 CRD	[ENR]	11.02-	114377	14	110	11.02-	115573	12 2.2
		11.02-	115527	14	150	11.02-	114279	12 2.2
						11.04-	116553	12 1.7
	[ENS]	05.08-	115527	14	150	05.08-	116553	12 1.7
		05.08-	115701	14	220	AT 05.08-	116554	12 2.5
Cherokee 2.8 CRDi 4WD	[ENS]	01.10-	115701	14	220	AT 01.10-	116554	12 2.5
Cherokee 3.7 V6	[EKG]	09.01-	115934	14	160	08.03-	112301	12 1.2
		08.03-	113607	14	136			
		08.03- 01.08	116659	14	160			
Cherokee 4.0 i	[ERH]	01.87- 01.91	110986	14	100/105	01.87- 01.91	111349	12 1.2
		01.91-	111193	14	90	Change pulley		
		02.99-	113358	14	117	01.95-	112454	12 2.2
						02.99-	112301	12 1.2
	[MX]	12.91-	111193	14	90	12.91-	111349	12 1.2
CJ5 - CJ8 2.5		01.81- 01.82	110233	14	63			
		01.83- 01.86	110505	14	75			
	AC	01.83- 01.86	110508	14	78			



Comanche 2.5 4x4	[EPE]					10.86- 09.90	111490	12	1.4		
Commander 3.0 CRD	[EXL]	04.06-	114042	14	180	A49	04.06-	115420	12	1.7	
		04.06-	116113	14	180						
Commander 3.0 CRD 4X4	[EXL]	09.05- 12.10	116060	14	180						
						09.05- 12.10	114878	12	2.2		
Commander 3.7 V6	[EKG]	09.05-	115934	14	160		09.05-	115420	12	1.7	
		09.05- 12.10	116659	14	160						
Commander 4.7 V8	[EVA]	09.05-	115934	14	160		09.05-	115420	12	1.7	
Commander 4.7 V8 4x4	[EVE]	01.08- 12.09	116659	14	160						
Compass 1.4 4x4	[55263623]	03.17-	116666	14	160		03.17-	115448	12	1.4	
	[EAQ]	03.17-	116666	14	160		03.17-	114217	12	2.0	
Compass 2.0 CRD	[ECE]	09.06-	116666	14	160		09.06-	115448	12	1.4	
Compass 2.0 CRD 4x4	[ECD]	02.07-	113884	14	150		02.07-	115555	12	1.0	
Compass 2.4	[ERZ]	09.06-	115925	14	115		09.06-	115555	12	1.0	
Grand Cherokee 2.5 TD	[M51]	10.95- 04.99	114828	14	90		10.95- 04.99	114878	12	2.2	
		10.95- 04.99	116499	14	100						
	[M52]	10.95- 04.99	114828	14	90		10.95- 04.99	114878	12	2.2	
		10.95- 04.99	116499	14	100						
Grand Cherokee 2.7 CRD 4x4	[ENF]	10.01-	114210	14	120		10.01-	113044	12	1.4	
Grand Cherokee 3.0 CRD V6 4x4	[EXF]	02.11-	115749	14	220		02.11-	114233	12	2.2	
Grand Cherokee 3.0 CRD	[EXL]	05.06- 12.10	116060	14	180		05.06- 12.10	116082	12	1.7	
Grand Cherokee 3.0 TD V6 4x4		04.14-	115749	14	220		04.14-	114233	12	2.2	
Grand Cherokee 3.0 V6 CRD	[EXF]	02.11-	115749	14	220		02.11-	114237	12	2.2	
						02.11-	114274	12	2.3		
Grand Cherokee 3.1	[EXA]	04.99-	114243	14	130		04.99-	113618	12	1.6	
Grand Cherokee 3.6 FlexFuel	[ERB]	11.10-	116662	14	160						
		11.10-	116669	14	180						
Grand Cherokee 3.6 V6	[ERB]	11.10-	116662	14	160						
		11.10-	116669	14	180						
Grand Cherokee 3.7 V6	[EKG]	10.04- 12.10	116659	14	160		06.05-	116082	12	1.7	
		06.05-	115934	14	160						
Grand Cherokee 4.0 AWD	[ERH]	09.92- 04.99	111193	14	90		09.92- 04.99	111349	12	1.2	
Grand Cherokee 4.0 i	[MX]	09.91-	111193	14	90		09.91-	111349	12	1.2	
	[S01]	10.95- 01.98	111193	14	90		10.95- 01.98	111349	12	1.2	
Grand Cherokee 4.7 V8	[EVA]	10.04- 05.10	115934	14	160		10.04- 05.10	116082	12	1.7	
		10.04- 05.10	116659	14	160						
	[EVE]	09.07- 02.10	116659	14	160						
Grand Cherokee 5.2	[Y01]	10.95- 01.98	111193	14	90		10.95- 01.98	111349	12	1.2	
		10.95- 04.99	113071	14	136		10.95- 04.99	113044	12	1.4	
Grand Cherokee 5.2 AWD	[ELF]	01.92- 04.99	113071	14	136		01.92- 04.99	112454	12	2.2	
		01.98- 04.99	111193	14	90		01.98- 04.99	111349	12	1.2	
Grand Cherokee 5.2 i	[Y]	01.92- 01.99	111193	14	90		01.92- 01.99	112454	12	2.2	
Grand Wagoneer							01.81-	110231	12		
Patriot 2.0 CRD 4x4	[ECD]	02.07- 12.17	113884	14	150		02.07- 12.17	115448	12	1.4	
Patriot 2.0 TD	[ECD]	02.07-	113884	14	150		02.07-	115448	12	1.4	
	[ECE]	02.07-	113884	14	150		02.07-	115448	12	1.4	
Patriot 2.0	[ECN]	01.11-	115925	14	115		01.11-	114217	12	2.0	
Patriot 2.4	[ED3]	01.08-	115925	14	115		01.08-	114217	12	2.0	
Patriot 2.4 ECO+	[ED3]	07.08-	115925	14	115		07.08-	114217	12	2.0	
Renegade 1.4	[55263624]	01.16-	115457	14	120	A49	01.16-	115399	12	1.4	
		01.16-	116125	14	120						
Renegade 1.4	[55263624]	07.14-	116125	14	120						
Renegade 1.4 4X4	[55263623]	07.14-	116125	14	120						
Renegade 1.6 CRD	[55260384,EJJ]	11.16-	116094	14	120		11.16-	115717	12	1.7	
		11.16-	116372	14	150						
		11.16-	116761	14	150						
	[EJK]	07.14-	116094	14	120		07.14-	115312	12	1.1	
		07.14-	116372	14	150						
		07.14-	116761	14	150						
Renegade 1.6 Multijet	[55280444,55]	07.14-	116094	14	120		07.14-	115717	12	1.7	
		07.14-	116372	14	150						
		07.14-	116761	14	150						
Renegade 2.0 CRD 4x4	[EBT]	07.14-	116094	14	120		07.14-	115312	12	1.1	
		07.14-	116372	14	150		07.14-	115399	12	1.4	
		07.14-	116761	14	150						
Renegade 2.0 Multijet 4X4	[55263088,55]	07.14-	116094	14	120						
		07.14-	116372	14	150						
		07.14-	116404	14	150						
		07.14-	116761	14	150						
	[55263088,55263087,55283099,55284064]	07.14-	116094	14	120		07.14-	115717	12	1.7	
		07.14-	116372	14	150						
		07.14-	116404	14	150						
		07.14-	116761	14	150						
Various Models							01.81-	110414	12		
							4.2	01.87-	111349	12	1.2
							01.81- 01.83	110231	12		
							01.86-	112541	12	2.2	
								111490	12	1.4	
						eng. 350	01.68- 01.70	112897	12	1.7	
Wrangler 2.4	[ED1]	11.02-	115935	14	130		AT 11.02-	116554	12	2.5	
Wrangler 2.5	[4L]	01.86- 01.91	110508	14	78		01.86- 01.91	111349	12	1.2	
		01.91- 12.91	111193	14	90						
	[EPE]	12.91-	111193	14	90		12.91-	112301	12	1.2	
	[P00]	08.96- 01.98	111193	14	90		08.96- 01.98	111490	12	1.4	
Wrangler 2.8 CRD	[ENS]	04.07-	115701	14	220		04.07-	116553	12	1.7	
Wrangler 3.8	[EGT]	04.07-	116715	14	160		AT 04.07-	116554	12	2.5	
Wrangler 4.0	[6L]	12.91-	111193	14	90		12.91-	112301	12	1.2	
	[S01]	08.96- 01.98	111193	14	90		08.96- 01.98	111490	12	1.4	
Wrangler 4.2	[6L<C2V>]	01.86- 01.89	110508	14	78		01.86- 01.89	111349	12	1.2	
Wrangler JK 2.8 CRD	[ENS]	07.10-	115701	14	220		07.10-	116553	12	1.7	
							07.10-	116554	12	2.5	
PASSENGER CARS US											
Cherokee 2.5		01.91- 12.97	113063	14	90						
		01.99- 01.99	113358	14	117						
		01.84- 01.85	110233	14	63		01.84- 01.85	111349	12	1.2	
		01.84- 01.85	110505	14	75						
		01.83- 01.86	110508	14	78		01.83- 01.86	111034	12	1.2	
		01.84- 01.85	110471	14	94		01.84- 01.85	111490	12	1.4	



JEEP Continued

Cherokee 2.5 Chief	01.86- 01.87	110233	14	63	01.86- 01.87	111349	12	1.2
	01.86- 01.87	110505	14	75				
	01.86- 01.87	110508	14	78	01.86- 01.87	110231	12	
	01.86- 01.87	110471	14	94	01.86- 01.87	111490	12	1.4
Cherokee 2.5 Laredo	01.86- 01.87	110233	14	63	01.86- 01.87	111349	12	1.2
	01.86- 01.87	110505	14	75				
	01.86- 01.87	110508	14	78	01.86- 01.87	110231	12	
	01.86- 01.87	110471	14	94	01.86- 01.87	111490	12	1.4
Cherokee 2.5 Pioneer	01.86- 01.87	110233	14	63	01.86- 01.87	111349	12	1.2
	01.86- 01.87	110505	14	75				
	01.86- 01.87	110508	14	78	01.86- 01.87	110231	12	
	01.86- 01.87	110471	14	94				
Cherokee 2.5 SE	01.94- 01.97	113063	14	90				
Cherokee 2.8	01.84- 01.86	110505	14	75	01.84- 01.86	111349	12	1.2
	01.84- 01.86	110508	14	78	01.84- 01.86	111034	12	1.2
	01.84- 01.86	110471	14	94	01.84- 01.86	111490	12	1.4
	01.86- 01.86	110505	14	75	01.86- 01.86	111349	12	1.2
Cherokee 2.8 Chief	01.86- 01.86	110508	14	78	01.86- 01.86	110231	12	
	01.86- 01.86	110471	14	94	01.86- 01.86	111490	12	1.4
	01.86- 01.86	110505	14	75	01.86- 01.86	111349	12	1.2
	01.86- 01.86	110508	14	78	01.86- 01.86	110231	12	
Cherokee 2.8 Laredo	01.86- 01.86	110505	14	75	01.86- 01.86	111349	12	1.2
	01.86- 01.86	110508	14	78	01.86- 01.86	110231	12	
	01.86- 01.86	110471	14	94	01.86- 01.86	111490	12	1.4
	01.86- 01.86	110505	14	75	01.86- 01.86	111349	12	1.2
Cherokee 2.8 Pioneer	01.86- 01.86	110508	14	78	01.86- 01.86	112541	12	2.2
	01.86- 01.86	110471	14	94				
	01.91- 12.98	113063	14	90				
	01.00- 01.00	113358	14	117				
Cherokee 4.0	01.87- 01.88	110986	14	100/105				
Cherokee 4.0 Briarwood	01.91- 01.92	113063	14	90				
Cherokee 4.0 Chief	01.87- 01.88	110986	14	100/105				
Cherokee 4.0 Country	01.93- 01.96	113063	14	90				
Cherokee 4.0 Laredo	01.91- 01.92	113063	14	90				
	01.87- 01.88	110986	14	100/105				
Cherokee 4.0 Limited	01.91- 01.92	113063	14	90				
	01.87- 01.88	110986	14	100/105				
Cherokee 4.0 Pioneer	01.87- 01.88	110986	14	100/105				
Cherokee 4.0 SE	01.94- 01.97	113063	14	90				
Cherokee 4.0 Sport	01.91- 01.96	113063	14	90				
	01.90- 01.90	110986	14	100/105				
Cherokee 4.2	01.80- 01.82	110502	14	100/105	01.80- 01.82	111349	12	1.2
	01.77- 01.80	110505	14	75				
	01.74- 01.76	110408	14	35	01.77- 01.77	111034	12	1.2
	01.74- 01.76	110408	14	35	01.74- 01.76	112301	12	1.2
Cherokee 4.2 S	01.74- 01.76	110408	14	35	01.74- 01.76	111490	12	1.4
Cherokee 5.9	01.77- 01.80	110237	14	60	01.77- 01.80	111349	12	1.2
	01.81- 01.83	110505	14	75				
	01.74- 01.76	110408	14	35	01.74- 01.76	112301	12	1.2
	01.74- 01.76	110408	14	35	01.74- 01.76	111490	12	1.4
Cherokee 5.9 S	01.74- 01.76	110408	14	35	01.74- 01.76	111490	12	1.4
Cherokee 6.6	01.77- 01.78	110237	14	60	01.77- 01.78	111349	12	1.2
	01.74- 01.76	110408	14	35	01.74- 01.76	111490	12	1.4
	01.74- 01.76	110408	14	35	01.74- 01.76	111490	12	1.4
	01.66- 01.66	110075	14	60				
CJ3 3.7	01.68- 01.71	110075	14	60	01.68- 01.71	110414	12	
CJ5 2.2	01.80- 01.83	110505	14	75				
CJ5 2.5	01.68- 01.71	110075	14	60	01.68- 01.71	110231	12	
CJ5 3.7	01.77- 01.78	110505	14	75				
CJ5 3.8	01.72- 01.76	110408	14	35				
CJ5 4.2	01.80- 01.80	110502	14	100/105	01.80- 01.80	110231	12	
	01.77- 01.78	110505	14	75				
	01.72- 01.76	110408	14	35				
	01.77- 01.80	110237	14	60	01.77- 01.80	110231	12	
CJ5 5.0	01.81- 01.81	110505	14	75				
	01.72- 01.76	110408	14	35				
	01.68- 01.71	110075	14	60				
	01.69- 01.71	110075	14	60				
CJ6 2.2	01.72- 01.75	110408	14	35				
CJ6 3.7	01.72- 01.75	110408	14	35				
CJ6 3.8	01.72- 01.75	110408	14	35				
CJ6 4.2	01.72- 01.75	110408	14	35				
CJ6 5.0	01.72- 01.75	110408	14	35				
CJ7 2.5	01.80- 01.83	110505	14	75				
	01.83- 01.86	110508	14	78				
	01.83- 01.86	110471	14	94				
	01.76- 01.78	110505	14	75	01.76- 01.78	110231	12	
CJ7 3.8	01.80- 01.82	110502	14	100/105	01.80- 01.82	110231	12	
CJ7 4.2	01.76- 01.78	110505	14	75				
	01.76- 01.77	110237	14	60	01.76- 01.77	110414	12	
	01.78- 01.81	110505	14	75				
	01.91- 12.97	113063	14	90				
Comanche 2.5	01.86- 01.86	110233	14	63	01.86- 01.86	111349	12	1.2
Comanche 2.5 Custom	01.86- 01.86	110505	14	75				
	01.83- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94	01.86- 01.86	111034	12	1.2
	01.91- 01.91	113063	14	90				
Comanche 2.5 Pioneer	01.86- 01.86	110233	14	63	01.86- 01.86	111349	12	1.2
Comanche 2.5 X	01.86- 01.86	110505	14	75				
	01.86- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94	01.86- 01.86	111490	12	1.4
	01.86- 01.86	110233	14	63	01.86- 01.86	111349	12	1.2
Comanche 2.5 XLS	01.86- 01.86	110505	14	75				
	01.86- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94	01.86- 01.86	111490	12	1.4
	01.86- 01.86	110508	14	78	01.86- 01.86	111034	12	1.2
Comanche 2.8 Custom	01.86- 01.86	110508	14	78	01.86- 01.86	111349	12	1.2
	01.86- 01.86	110471	14	94	01.86- 01.86	111034	12	1.2
	01.86- 01.86	110508	14	78	01.86- 01.86	111349	12	1.2
	01.86- 01.86	110471	14	94	01.86- 01.86	111490	12	1.4
Comanche 2.8 X	01.86- 01.86	110508	14	78	01.86- 01.86	111034	12	1.2
	01.86- 01.86	110471	14	94	01.86- 01.86	111490	12	1.4
	01.86- 01.86	110508	14	78	01.86- 01.86	111034	12	1.2
	01.86- 01.86	110471	14	94	01.86- 01.86	111490	12	1.4
Comanche 2.8 XLS	01.91- 01.92	113063	14	90				
	01.87- 01.90	110986	14	100/105	01.87- 01.90	111490	12	1.4
	01.87- 01.88	110986	14	100/105	01.87- 01.88	111490	12	1.4
	01.87- 01.88	110986	14	100/105				



Comanche 4.0 Eliminator	01.91- 01.92	113063	14	90				
	01.88- 01.88	110986	14	100/105	01.88- 01.88	111490	12	1.4
Comanche 4.0 Laredo	01.87- 01.88	110986	14	100/105	01.87- 01.88	111490	12	1.4
Comanche 4.0 Pioneer	01.91- 01.92	113063	14	90				
	01.87- 01.88	110986	14	100/105	01.87- 01.88	111490	12	1.4
Commando 3.7	01.66- 01.67	110075	14	60				
Dispatcher 3.7	01.66- 01.67	110075	14	60				
DJ5 2.2	01.69- 01.71	110075	14	60				
DJ5 3.7	01.68- 01.70	110075	14	60				
DJ5 3.8	01.72- 01.74	110408	14	35				
DJ5 4.2	01.73- 01.74	110408	14	35				
DJ6 3.7	01.68- 01.68	110075	14	60				
FC150 3.7	01.66- 01.66	110075	14	60				
FC170 3.7	01.66- 01.66	110075	14	60				
Grand Cherokee 4.0	01.93- 01.93	113063	14	90	01.93- 01.93	111349	12	1.2
Grand Cherokee 4.0 Laredo	01.93- 01.97	113063	14	90	01.93- 01.97	111349	12	1.2
Grand Cherokee 4.0 Limited	01.93- 01.97	113063	14	90	01.93- 01.97	111349	12	1.2
Grand Cherokee 4.0 Orvis	01.95- 01.97	113063	14	90	01.95- 01.97	111349	12	1.2
Grand Cherokee 4.0 SE	01.94- 01.95	113063	14	90	01.94- 01.95	111349	12	1.2
Grand Cherokee 4.7	01.02-	113607	14	136	01.02-	113044	12	1.4
Grand Cherokee 4.7 Laredo	01.01- 01.01	113607	14	136	01.01- 01.01	113044	12	1.4
Grand Cherokee 4.7 Limited	01.01- 01.01	113607	14	136	01.01- 01.01	113044	12	1.4
					01.02- 01.02	113618	12	1.6
Grand Cherokee 4.7 Overland	01.02- 01.02	113607	14	136	01.02- 01.02	113618	12	1.6
Grand Cherokee 4.7 Special Edition	01.04-	113607	14	136				
Grand Cherokee 4.7 V8	[EVA] [EVE]	06.05- 12.10 10.07- 05.10	115934 115934	14 14	160 160			
Grand Cherokee 5.2	01.98- 01.98	113071	14	136	01.98- 01.98	113044	12	1.4
Grand Cherokee 5.2 Laredo	01.98- 01.98	113071	14	136	01.98- 01.98	113044	12	1.4
Grand Cherokee 5.2 Limited	01.98- 01.98	113071	14	136	01.98- 01.98	113044	12	1.4
Grand Cherokee 5.2 Orvis	01.95- 12.97	113071	14	136	01.95- 12.97	113044	12	1.4
Grand Cherokee 5.9 Limited	01.98- 12.98	113071	14	136	01.98- 12.98	113044	12	1.4
Grand Wagoneer 4.2	01.84- 01.86 01.84- 01.86 01.84- 12.90 01.84- 12.89	110233 110505 110508 110471	14 14 14 14	63 75 78 94	01.84- 01.86 01.84- 01.86 01.84- 01.86 01.84- 01.86	111349 111349 111349 111349	12 12 12 12	1.2 1.2 1.2 1.2
Grand Wagoneer 5.9	01.84- 01.88 01.84- 01.88	110508 110471	14 14	78 94				
J10 4.2	01.77- 01.81 01.74- 01.76	110505 110408	14 14	75 35	01.77- 01.81 01.77- 01.81	110231 111349	12 12	
J10 5.9	01.77- 01.81 01.82- 01.87 01.88- 01.88 01.74- 01.76 01.88- 01.88	110237 110505 110508 110408 110471	14 14 14 14 14	60 75 78 35 94	01.77- 01.81 01.77- 01.78 01.77- 01.78 01.77- 01.78 01.77- 01.78	111349 110231 110231 110231 110231	12 12 12 12 12	1.2 1.2 1.2 1.2 1.2
J10 6.6	01.77- 01.78 01.74- 01.76	110237 110408	14 14	60 35	01.77- 01.78 01.77- 01.78	110231 110231	12 12	
J20 4.2	01.74- 01.76	110408	14	35				
J20 5.9	01.77- 01.81 01.82- 01.87 01.88- 01.88 01.74- 01.76 01.88- 01.88	110237 110505 110508 110408 110471	14 14 14 14 14	60 75 78 35 94	01.77- 01.81 01.77- 01.78 01.77- 01.78 01.77- 01.78 01.77- 01.78	111349 110231 110231 110231 110231	12 12 12 12 12	1.2 1.2 1.2 1.2 1.2
J20 6.6	01.77- 01.78 01.74- 01.76	110237 110408	14 14	60 35	01.77- 01.78 01.77- 01.78	110231 110231	12 12	
J-2500 4.2	01.72- 01.73	110408	14	35				
J-2500 5.0	01.72- 01.72	110408	14	35				
J-2500 5.9	01.72- 01.73	110408	14	35				
J-2600 4.2	01.72- 01.73	110408	14	35				
J-2600 5.0	01.72- 01.72	110408	14	35				
J-2600 5.9	01.72- 01.73	110408	14	35				
Jeepster 2.2	01.68- 01.69	110075	14	60				
Jeepster 2.2 Commando	01.68- 01.71	110075	14	60				
Jeepster 3.7	01.68- 01.69	110075	14	60				
Jeepster 3.7 Commando	01.68- 01.71	110075	14	60				
Jeepster 3.8 Commando	01.72- 01.73	110408	14	35				
Jeepster 4.2 Commando	01.72- 01.73	110408	14	35				
Jeepster 5.0 Commando	01.72- 01.73	110408	14	35				
Liberty 2.4	01.02- 01.02	113607	14	136	01.02- 01.02	113642	12	1.6
Liberty 3.7 Limited	01.02- 01.02	113607	14	136	01.02- 01.02	113642	12	1.6
Liberty 3.7 Renegade	01.03- 01.03	113607	14	136				
Liberty 3.7 Sport	01.02- 01.02	113607	14	136	01.02- 01.02	113642	12	1.6
					01.03- 01.03	114279	12	2.2
Scrambler 2.5	01.83- 01.85 01.83- 01.85 01.83- 01.85	110505 110508 110471	14 14 14	75 78 94				
Scrambler 4.2	01.81- 01.82 01.81- 01.85	110502 110505	14 14	100/105 75	01.81- 01.82	110414	12	
Universal 3.7	01.66- 01.67	110075	14	60				
Wagoneer 2.5	01.91- 12.97 01.84- 01.85 01.84- 01.85	113063 110233 110505	14 14 14	90 63 75	01.84- 01.85 01.84- 01.85 01.86- 01.87	111349 112541 112301	12 12 12	1.2 2.2 1.2
	01.83- 01.86 01.84- 01.85	110508 110471	14 14	78 94				
Wagoneer 2.5 Islander	01.91- 01.91 01.89- 01.90	113063 110508	14 14	90 78				
	01.89- 01.90	110471	14	94				
Wagoneer 2.5 Laredo	01.87- 01.88 01.87- 01.88	110508 110471	14 14	78 94				
Wagoneer 2.5 Limited	01.86- 01.87 01.86- 01.87 01.86- 01.87	110233 110505 110508	14 14 14	63 75 78	01.86- 01.87 01.86- 01.87 01.86- 01.87	111349 111490 111490	12 12 12	1.2 1.4 1.4
	01.86- 01.87	110471	14	94				
Wagoneer 2.5 Rio Grande	01.95- 01.95	113063	14	90				
Wagoneer 2.5 S	01.91- 01.94 01.88- 01.88	113063 110508	14 14	90 78				
	01.88- 01.88	110471	14	94				

**JEEP Continued**

Wagoneer 2.5 Sahara	01.91- 01.91	113063	14	90			
	01.88- 01.88	110508	14	78			
	01.88- 01.88	110471	14	94			
Wagoneer 2.5 SE	01.94- 01.97	113063	14	90			
Wagoneer 2.5 Sport	01.87- 01.88	110508	14	78			
	01.87- 01.88	110471	14	94			
	01.84- 01.86	110505	14	75	01.84- 01.86	112301	12 1.2
Wagoneer 2.8	01.84- 01.86	110508	14	78			
	01.84- 01.86	110471	14	94			
	01.86- 01.86	110505	14	75	01.86- 01.86	111490	12 1.4
Wagoneer 2.8 Limited	01.86- 01.86	110508	14	78			
	01.86- 01.86	110471	14	94			
	01.91- 01.93	113063	14	90			
Wagoneer 4.0	01.87- 01.90	110986	14	100/105			
Wagoneer 4.0 Islander	01.91- 01.92	113063	14	90			
Wagoneer 4.0 Limited	01.87- 01.88	110986	14	100/105			
Wagoneer 4.0 Renegade	01.91- 01.94	113063	14	90			
Wagoneer 4.0 S	01.92- 01.92	113063	14	90			
Wagoneer 4.0 Sahara	01.91- 01.97	113063	14	90			
Wagoneer 4.0 SE	01.94- 01.95	113063	14	90			
Wagoneer 4.0 Sport	01.97- 01.97	113063	14	90			
Wagoneer 4.2	01.87- 01.88	110233	14	63	01.87- 01.88	111349	12 1.2
	01.80- 01.80	110502	14	100/105			
					01.81- 01.82	110231	12
	01.80- 01.80	110505	14	75			
					01.87- 01.88	111490	12 1.4
	01.87- 01.88	110508	14	78			
	01.72- 01.73	110408	14	35			
	01.87- 01.88	110471	14	94			
Wagoneer 4.2 Custom	01.73- 01.73	110408	14	35			
Wagoneer 4.2 Islander	01.88- 01.88	110233	14	63	01.88- 01.88	111349	12 1.2
	01.88- 01.88	110505	14	75	01.88- 01.88	111490	12 1.4
	01.88- 01.88	110508	14	78			
	01.88- 01.88	110471	14	94			
Wagoneer 4.2 Laredo	01.87- 01.88	110233	14	63	01.87- 01.88	111349	12 1.2
	01.87- 01.88	110505	14	75	01.87- 01.88	111490	12 1.4
	01.87- 01.88	110508	14	78			
	01.87- 01.88	110471	14	94			
Wagoneer 4.2 S	01.88- 01.88	110233	14	63	01.88- 01.88	111349	12 1.2
	01.88- 01.88	110505	14	75	01.88- 01.88	111490	12 1.4
	01.88- 01.88	110508	14	78			
	01.88- 01.88	110471	14	94			
Wagoneer 4.2 Sahara	01.88- 01.88	110233	14	63	01.88- 01.88	111349	12 1.2
	01.88- 01.88	110505	14	75	01.88- 01.88	111490	12 1.4
	01.88- 01.88	110508	14	78			
	01.88- 01.88	110471	14	94			
Wagoneer 4.2 Sport	01.87- 01.88	110233	14	63	01.87- 01.88	111349	12 1.2
	01.87- 01.88	110505	14	75	01.87- 01.88	111490	12 1.4
	01.87- 01.88	110508	14	78			
	01.87- 01.88	110471	14	94			
Wagoneer 5.9	01.77- 01.80	110237	14	60	01.77- 01.80	111349	12 1.2
	01.81- 01.83	110505	14	75	01.81- 01.83	110231	12
	01.72- 01.76	110408	14	35			
Wagoneer 5.9 Custom	01.73- 01.76	110408	14	35			
Wagoneer 6.6	01.77- 01.78	110237	14	60	01.77- 01.78	111349	12 1.2
	01.74- 01.76	110408	14	35			
	01.74- 01.76	110408	14	35			
Wrangler 2.5	01.98- 01.98	113063	14	90			
	01.99- 01.99	113358	14	117			
Wrangler 3.8	[EGT]	04.07- 12.11	116715	14	160		
Wrangler 4.0		01.98- 01.98	113063	14	90		
Wrangler 4.2		01.89- 01.89	110233	14	63	01.89- 01.89	111349 12 1.2
		01.89- 01.89	110505	14	75		
		01.89- 01.89	110508	14	78	01.89- 01.89	112301 12 1.2
		01.89- 01.89	110471	14	94		
Wrangler 4.2 Islander		01.89- 01.89	110233	14	63	01.89- 01.89	111349 12 1.2
		01.89- 01.89	110505	14	75	01.89- 01.89	110231 12
		01.89- 01.89	110508	14	78	01.89- 01.89	113642 12 1.6
		01.89- 01.89	110471	14	94		
Wrangler 4.2 Laredo		01.89- 01.89	110233	14	63	01.89- 01.89	111349 12 1.2
		01.89- 01.89	110505	14	75	01.89- 01.89	110231 12
		01.89- 01.89	110508	14	78		
		01.89- 01.89	110471	14	94		
Wrangler 4.2 Sahara		01.89- 01.89	110233	14	63	01.89- 01.89	111349 12 1.2
		01.89- 01.89	110505	14	75	01.89- 01.89	110231 12
		01.89- 01.89	110508	14	78		
		01.89- 01.89	110471	14	94		
PASSENGER CARS AO							
Cherokee 2.4 Laredo	[ED1]	10.01- 09.04	115935	14	130		
Cherokee 2.5 TDi 4x4		10.96- 09.01	114243	14	130		
		10.96- 09.01	114828	14	90		
		10.96- 09.01	116499	14	100		
Cherokee 3.7 4WD	[EKG]	09.01- 10.07	115934	14	160		
Cherokee 3.7 Laredo	[EKG]	10.01- 09.04	113607	14	136		
		10.01- 09.04	115934	14	160		
Cherokee 4.0		10.86- 09.90	110986	14	100/105		
Compass 2.0 CRD	[ECD]	08.06-	116666	14	160		
	[ECE]	08.06-	116666	14	160		
Compass 2.4	[ERZ]	08.06-	115925	14	115	08.06-	115448 12 1.4
Grand Cherokee 3.7 V6	[EKG]	01.08- 12.10	115934	14	160		
		01.08- 12.10	116659	14	160		
Patriot 2.4	[ED3]	06.09-	115925	14	115		
Jenbacher Werke							
MISCELLANEOUS							
Various Models					08.83-	112039	12 2.7
					01.92-	112555	12 3.1
Jensen							
PASSENGER CARS US							
Healey 2.0		01.72-	110178	14	36		



John Deere					
MARINE					
106.84KW Marine Auxiliary	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
114 KW Marine Auxiliary	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
130 KW Marine Auxiliary	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
146 KW Marine Auxiliary	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
164 KW Marine Auxiliary	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
30-75KW CUSTOM Marine Auxiliary	[4045T]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
4.5L (T) Commercial Vessel Engines	[4045T]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
4045TFM Commercial Vessel Engines	[4045T]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
6.8 Commercial Vessel Engines	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
6068TFM Commercial Vessel Engines	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
6068TFM50 Commercial Vessel Engines	[6068TFM]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
6068TFM50 Marine Auxiliary	[6068TFM]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
6068TFM75 Commercial Vessel Engines	[6068TFM]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
6068TFM75 Pleasure Craft Engines	[6068TFM]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
6068TFM76 Marine Auxiliary	[6068TFM]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
65KW Marine Auxiliary	[4045T]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
76 KW Marine Auxiliary	[4045T]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
86 KW Marine Auxiliary	[4045T]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
97 KW Marine Auxiliary	[4045T]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
Various Models				116711 116712	24 4.0 12 4.2
	[4039DFM]	111575 113531	14 90 14 120	114222	24 7.5
	[4045DFM50]	111843 111888 113531 114864 116023	14 95 14 65 14 120 28 100 28 50	114222 115821	24 7.5 24 8.0
	[4045DFM70]	111843 111888 112170 113531 114864 116023	14 95 14 65 28 45 14 120 28 100 28 50	114222 115821	24 7.5 24 8.0
	[6068AFM75]	114864	28 100	114222	24 7.5
	[6068DFM]	115605 116023	14 120 28 50	115821	24 8.0
	[6068FM50]	114864 116023	28 100 28 50	114222	24 7.5
		113531	14 120		
		111575	14 90		



JOHN DEERE Continued

INDUSTRY					
160 Excavators	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
260				01.88-	116149 12 0.7
280 Skid Steer Loaders	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
310 Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
315 Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
317 Skid Steer Loaders	[4024T]			113900	12 2.2
320 Skid Steer Loaders	[4024T]			113900	12 2.2
325 Skid Steer Loaders	[5030T]			113900	12 2.2
				116149	12 0.7
328 Skid Steer Loaders	[5030T]			113900	12 2.2
332 Skid Steer Loaders	[5030T]			113900	12 2.2
335 Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
360 Forestry Equipment	[68T5.9]	111843	14 95		
380 Forestry Equipment	[68T5.9]	111843	14 95		
410 Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
435 Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
440 Forestry Equipment	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
450 Forestry Equipment	[68TA5.9]	111843	14 95		
455 Crawlers	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
460 Forestry Equipment	[68TA5.9]	111843	14 95		
480 Forestry Equipment	[68TA5.9]	111843	14 95		
490 Excavators	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
495 Excavators	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
510 Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
540		113999	14 150 IS		
		112773	14 135		
540 Forestry Equipment	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
544		113999	14 150 IS		
		112773	14 135		
548		113999	14 150 IS		
		112773	14 135		
548 Forestry Equipment	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
555 Crawlers	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
575				116112	12 2.5
590 Excavators	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
595 Excavators	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
608 Forestry Equipment	[68TA5.9]	111843	14 95		



624 Wheel Loaders and Dozers	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
635 Forestry Equipment	[6BT5.9]	111843	14 95		
640		113999	14 150 IS		
		112773	14 135		
648		113999	14 150 IS		
		112773	14 135		
653 Forestry Equipment	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
670 Graders	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
672 Graders	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
675				116112	12 2.5
690 Excavators	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
710 Tractor/Loader/Backhoes	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
735 Forestry Equipment	[6BTA5.9]	111843	14 95		
740		113999	14 150 IS		
		112773	14 135	115357	12 4.2
740 Forestry Equipment	[6068T]	113986	14 120	116535	12 3.0
748		113999	14 150 IS		
		112773	14 135		
750 Crawlers	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
810 Forestry Equipment	[1004-4T]	111355 112698 114772	14 65 14 100 14 95	114388 116308	12 3.2 12 3.2
1010 Forestry Equipment	[1004-4T]	111355 112698 114772	14 65 14 100 14 95	114388 116308	12 3.2 12 3.2
1000 C/CR 1000 C/CR	[BF6L913]	112098	14 65	113467	12 3.7
120C Excavators	[4045H]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
120D Excavators	[4045H]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
135C	[Isuzu]			111254	24 4.5
1410B Forestry Equipment	[6BTA5.9]	111843	14 95		
160C LC Excavators	[4045H]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
160D LC Excavators	[4045H]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
200C LC Excavators	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
200LC SERIES Excavators	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
2054 SWING MACHINE Forestry Equipment	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
210LE Tractor/Loader/Backhoes	[4045T]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
210LJ Tractor/Loader/Backhoes	[4045H]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
2154D SWING MACHINE Forestry Equipment	[6068T]	113986	14 120	115357 116535	12 4.2 12 3.0
225C	[6BG1T]			01.99- 114267	24 4.5
2320 (D) Rollers	[BF4M1012E B]	116018	28 55	112494 112071	24 4.0 12 3.0
2322 DS/DSB Rollers	[BF4M1012E B]	116018	28 55	112494 112071	24 4.0 12 3.0
244J Loaders	[4024T]			113900	12 2.2
2520 D Rollers	[BF6L913]	112098	14 65	113467	12 3.7
2522 DS Rollers	[BF6L913]	112098	14 65	113467	12 3.7
3 WHEELER Forestry Equipment	[6BTA5.9]	111843	14 95		
3011 D Rollers	[BF4M1012E B]	116018	28 55	112494 112071	24 4.0 12 3.0
3012 DS Rollers	[BF4L913]	113470	28 35	110512	24 5.4
3012 DS/DSB Rollers	[BF4M1012E B]	116018	28 55	112494 112071	24 4.0 12 3.0
304J Loaders	[4024T]			113900	12 2.2
310G Tractor/Loader/Backhoes	[4045T]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0
310J Tractor/Loader/Backhoes	[4045H]	112062 113707 114379 114681 116623	14 115 14 200 14 150 14 90 14 200	114275	12 4.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



JOHN DEERE Continued

310SG Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
310SJ Tractor/Loader/Backhoes	[4045H]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
310SJ TMC SERIES Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
310SJ TMC TOOL CARRIER Tractor/Loader/Backhoes	[4045H]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
310TJ Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
315SG Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
330/430 Forestry Equipment	[6BT5.9]	111843	14 95		
330/430 OPT Forestry Equipment	[6BTA5.9]	111843	14 95		
335B Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
335C KNUCKLEBOOM Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
335D KNUCKLEBOOM Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
337E KNUCKLEBOOM Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
350C Crawlers				01.75- 01.81 111221	12 2.5
4045T Generator Sets	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
4045T Irrigation Sets	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
410G Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
410J Tractor/Loader/Backhoes	[4045H]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
410J TMC SERIES Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
410J TMC TOOL CARRIER Tractor/Loader/Backhoes	[4045H]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
410TJ Tractor/Loader/Backhoes	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
437C Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
437C KNUCKLEBOOM Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
437D KNUCKLEBOOM Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0



444 POWERLLEL Other Industrial Equipmen	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
444H 4WD SERIES Wheel Loaders and Dozers	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
444J 4WD LOADER Wheel Loaders and Dozers	[4045H]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
444K Wheel Loaders and Dozers	[4045H]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
450C Crawlers				01.74- 01.81	111221 12 2.5
450G Crawlers	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
450H LGP Crawlers	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
450J SERIES Crawlers	[4045H]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
455G Crawlers	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
5011 D Rollers	[BF6L913]	112098	14 65	113467	12 3.7
540G-III CABLE Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
				115357	12 4.2
544 POWERLLEL Other Industrial Equipmen	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
				115357	12 4.2
				116535	12 3.0
				115357	12 4.2
544H 4WD SERIES Wheel Loaders and Dozers	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
				115357	12 4.2
				116535	12 3.0
				115357	12 4.2
544J 4WD LOADER Wheel Loaders and Dozers	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
				115357	12 4.2
				116535	12 3.0
				115357	12 4.2
548G-II Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
548G-III GRAPPLE Forestry Equipment	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
				114275	12 4.0
550G Crawlers	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
550H LGP Crawlers	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
550H LT Crawlers	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
550J SERIES Crawlers	[4045H]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
555G Crawlers	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		



JOHN DEERE Continued

600C LC	[BB-6WG1X]	01.99-	113886	28	50		
6068T Generator Sets	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
608B Forestry Equipment	[6BTA5.9]		111843	14	95		
640 SERIES Forestry Equipment	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
643G/843 G Forestry Equipment	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
643H Forestry Equipment	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
648 SERIES Forestry Equipment	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
650G Crawlers	[4045T]		112062	14	115	114275	12 4.0
			113707	14	200		
			114379	14	150		
			114681	14	90		
			116623	14	200		
650H LT/H LGP Crawlers	[4045T]		112062	14	115	114275	12 4.0
			113707	14	200		
			114379	14	150		
			114681	14	90		
			116623	14	200		
650J SERIES Crawlers	[4045H]		112062	14	115	114275	12 4.0
			113707	14	200		
			114379	14	150		
			114681	14	90		
			116623	14	200		
	[4045T]		112062	14	115	114275	12 4.0
			113707	14	200		
			114379	14	150		
			114681	14	90		
			116623	14	200		
653G Forestry Equipment	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
675B						116112	12 2.5
700H SERIES Crawlers	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
700J SERIES Crawlers	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
710D Tractor/Loader/Backhoes	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
710G Tractor/Loader/Backhoes	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
750 LT Crawlers	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
750C Crawlers	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
750C SERIES II Crawlers	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
750C/C LPG Crawlers	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
75D	[4LE2X]					115802	24 3.2
770D Forestry Equipment	[4045T]		112062	14	115	114275	12 4.0
			113707	14	200		
			114379	14	150		
			114681	14	90		
			116623	14	200		
800C	[BB-6WG1T]	01.99-	113886	28	50		
810B Forestry Equipment	[1004-4T]		111355	14	65	114388	12 3.2
			112698	14	100	116308	12 3.2
			114772	14	95		
843H Forestry Equipment	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
853G 8.3	[6CTA]	01.98-	112160	28	75		
85D	[4LE2X]					115802	24 3.2
BELL POWER SYS. Irrigation Sets	[4045H]		112062	14	115	115357	12 4.2
			113707	14	200	114275	12 4.0
			114379	14	150		
			114681	14	90		
			116623	14	200		
	[4045T]		112062	14	115	114275	12 4.0
			113707	14	200	116535	12 3.0
			114379	14	150		
			114681	14	90		
			116623	14	200		
	[6068T]		113986	14	120		
CASCADE ENGINE Irrigation Sets	[4045H]		112062	14	115	114275	12 4.0
			113707	14	200		
			114379	14	150		
			114681	14	90		
			116623	14	200		
	[4045T]		112062	14	115	114275	12 4.0
			113707	14	200		
			114379	14	150		
			114681	14	90		
			116623	14	200		
DE-230 SERIES Excavators	[6068T]		113986	14	120	115357	12 4.2
						116535	12 3.0
DV 8(K) Rollers	[BF4M1012E B]		116018	28	55	112494	24 4.0
						112071	12 3.0
EC POWER SYS. Irrigation Sets	[4045H]		112062	14	115	115357	12 4.2
			113707	14	200	114275	12 4.0
			114379	14	150		
			114681	14	90		
			116623	14	200		
	[4045T]		112062	14	115	114275	12 4.0
			113707	14	200	116535	12 3.0
			114379	14	150		
			114681	14	90		
			116623	14	200		



ENGINES INC. Irrigation Sets	[6068T]	113986	14 120		
	[4045H]	112062	14 115	115357	12 4.2
		113707	14 200	114275	12 4.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200	116535	12 3.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
FLINT POWER Irrigation Sets	[6068T]	113986	14 120		
	[4045H]	112062	14 115	115357	12 4.2
		113707	14 200	114275	12 4.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200	116535	12 3.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
GENSET Generator Sets	[6068T]	113986	14 120		
	[4045T]	112062	14 115	115357	12 4.2
		113707	14 200	114275	12 4.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
HD 10(K) Rollers	[F2L1011]	113986	14 120	116535	12 3.0
		112183	14 60	112041	12 2.2
		112548	14 60	114320	12 3.0
		114077	28 40	116128	12 3.2
		111048	14 40	114485	12 1.1
HD 10C VT Rollers	[D1005-E]	113921	14 40		
		111048	14 40	114485	12 1.1
HD 10C VV Rollers	[D1005-E]	113921	14 40		
		111048	14 40	114485	12 1.1
HD 12(K) Rollers	[F2L1011]	112183	14 60	112041	12 2.2
		112548	14 60	114320	12 3.0
		114077	28 40	116128	12 3.2
		113921	14 40	110720	12 1.4
HD 13 VO Rollers	[V2203-M]	113921	14 40	111197	12 2.0
		111048	14 40	114485	12 1.1
HD 13 VV & HD 13 VT Rollers	[V2203-M]	113921	14 40	110720	12 1.4
		111197	12 2.0	111197	12 2.0
HD 13(K) Rollers	[F2L1011]	112183	14 60	112041	12 2.2
		112548	14 60	114320	12 3.0
		114077	28 40	116128	12 3.2
		113921	14 40	110720	12 1.4
HD 14 TT Rollers	[V2203-M]	113921	14 40	111197	12 2.0
		111048	14 40	114485	12 1.1
HD 14 VV HD 14 VO & HD 14 VT Rollers	[V2203-M]	113921	14 40	110720	12 1.4
		111197	12 2.0	111197	12 2.0
HD 14 VV HD 14 VT & HD 14TT Rollers	[V2203-M]	113921	14 40	110720	12 1.4
		111197	12 2.0	111197	12 2.0
HD 85C Rollers	[BF4L913]	113470	28 35	110512	24 5.4
		111048	14 40	114485	12 1.1
HD 8VV Rollers	[D1005-E]	113921	14 40	114485	12 1.1
		111048	14 40	114485	12 1.1
HD10C VT Rollers	[D1005-E]	113921	14 40	114485	12 1.1
		111048	14 40	114485	12 1.1
HD10CVV Rollers	[D1005-E]	113921	14 40	114485	12 1.1
		111048	14 40	114485	12 1.1
HD8VV Rollers	[D1005-E]	113921	14 40	114485	12 1.1
		111048	14 40	114485	12 1.1
INDUSTRIAL IRRIGATION Sets	[4045H]	112062	14 115	115357	12 4.2
		113707	14 200	114275	12 4.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200	116535	12 3.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
NORTHSTAR POWER Irrigation Sets	[6068T]	113986	14 120		
	[4045T]	112062	14 115	115357	12 4.2
		113707	14 200	114275	12 4.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200	116535	12 3.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
PRO GATOR 2030A Utility Vehicles	[3TNV76]	113742	14 40		
	[4045H]	112062	14 115	115357	12 4.2
		113707	14 200	114275	12 4.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
SUPERIOR DIESEL Irrigation Sets	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200	116535	12 3.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200	116535	12 3.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
TC44H 4WD Other Industrial Equipmen	[6068T]	113986	14 120		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
TC54H 4WD Other Industrial Equipmen	[6068T]	113986	14 120	115357	12 4.2
		112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		



JOHN DEERE Continued

TC62H Other Industrial Equipmen	[6068T]	113986	14 120	115357	12 4.2
				116535	12 3.0
Various Models		114679	14 35	113983	12 3.0
		116481	28 50	114712	24 7.5
				114260	12 1.4
				114277	24 7.5
				114222	24 7.5
				114195	12 3.0
				116711	24 4.0
				116712	12 4.2
				116149	12 0.7
				115821	24 8.0
	12.97-	111649	14 33	111755	12 3.0
W 600 DC W 600 DC	[BF6L913]	112098	14 65	113467	12 3.7
WESTERN POWER Irrigation Sets	[4045H]	112062	14 115	115357	12 4.2
		113707	14 200	114275	12 4.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200	116535	12 3.0
		114379	14 150		
		114681	14 90		
		116623	14 200		
	[6068T]	113986	14 120		
MOTORS					
4039				115314	12 2.5
4045				115314	12 2.5
6329D				111221	12 2.5
Various Industrial applications		115605	14 120		
Various Models		115605	14 120		
MISCELLANEOUS					
Gator TX				115817	12
Johnson					
MARINE					
20CR				01.97-	111043 12 0.6
20E				01.85- 01.95	111043 12 0.6
20EL				01.85- 01.95	111043 12 0.6
25E				01.81- 01.00	111043 12 0.6
25EL				01.81- 01.97	111043 12 0.6
25TE				01.80- 01.00	111043 12 0.6
25TEL				01.80- 01.00	111043 12 0.6
28ESL				01.87- 01.96	111043 12 0.6
30E				01.84- 01.00	111043 12 0.6
30EL				01.84- 01.00	111043 12 0.6
30TE				01.85- 01.97	111043 12 0.6
30TEL				01.85- 01.97	111043 12 0.6
35E				01.80- 01.84	111043 12 0.6
35EL				01.80- 01.84	111043 12 0.6
35TEL				01.83- 01.84	111043 12 0.6
40E EL				01.89- 01.97	110647 12 0.6
40TE TEL				01.89- 01.98	110647 12 0.6
40TL				01.89- 01.98	110647 12 0.6
40TPL				01.99- 01.00	110647 12 0.6
40TTL				01.89- 01.98	110647 12 0.6
48ESL				01.87- 01.96	110647 12 0.6
50BE BEL				01.89- 01.95	110647 12 0.6
50DTL				01.95- 01.98	110647 12 0.6
50EL				01.95- 01.00	110647 12 0.6
50ESL				01.97- 01.98	110647 12 0.6
50PL				01.99- 01.00	110647 12 0.6
50TEL				01.89- 01.95	110647 12 0.6
50TL				01.89- 01.95	110647 12 0.6
50TSL				01.98- 01.98	110647 12 0.6
50TTL				01.95- 01.98	110647 12 0.6
Various Models				01.70- 01.88	110647 12 0.6
				01.69- 01.97	110240 12 0.6
					112244 12
				01.86- 01.00	112145 12 0.5
				01.91-	112157 12
Kaelble					
MISCELLANEOUS					
Various Models				01.69- 12.70	110409 12 3.0
Kawasaki					
MOTOR BIKES					
Various Models					112010 12
MARINE					
Various Models				01.86-	112010 12
				01.86-	113663 12 0.7
				01.86-	113593 12
				01.86-	113596 12 0.6
				01.86-	113597 12 0.6
INDUSTRY					
42ZV-2 Wheel Loaders and Dozers	[V2403-M-DI]	114751	14 44	111197	12 2.0
45ZV-2 Wheel Loaders and Dozers	[V3307-DI-T]	114807	14 60	114167	12 3.0
60ZV-2 Wheel Loaders and Dozers	[QSB4.5]	116317	28 70		
62Z7 Wheel Loaders and Dozers	[4HK1X]	116531	28 80	114659	24 5.0
65ZV-2 & 65TMV-2 Wheel Loaders and Dozers	[4HK1X]	116531	28 80	114659	24 5.0
67TM7 Wheel Loaders and Dozers	[4HK1X]	116531	28 80	114659	24 5.0
67Z7 Wheel Loaders and Dozers	[4HK1X]	116531	28 80	114659	24 5.0
70TM7 Wheel Loaders and Dozers	[QSB6.7]	116317	28 70	114326	24 7.5
70Z7 Wheel Loaders and Dozers	[QSB6.7]	116317	28 70	114326	24 7.5
70ZIII Wheel Loaders and Dozers	[6BTA5.9]	111843	14 95		
70ZV-2 & 70TMV-2 Wheel Loaders and Dozers	[QSB6.7]	116317	28 70	114326	24 7.5
80Z7 Wheel Loaders and Dozers	[QSB6.7]	116317	28 70	114326	24 7.5
Various Models 0.6				114486	12
				116149	12 0.7
MOTORS					
FC540V				116149	12 0.7



FH381V						114888	12	
FH430V						114888	12	
FH480V						114888	12	
MISCELLANEOUS								
KAF950 Mule						115755	12	1.2
Mule 600 610						115817	12	
KHD								
MARINE								
	[BF4M2012]		115381	28	80			
INDUSTRY								
2008 L3 L4 2009 L3			115971	14	55			
Excavators 3.6 MLT 735-120						116491	12	4.0
Various Models			114110	28	80	114676	12	2.2
			114289	14	45	114320	12	3.0
			115970	14	55			
	01.89-		112183	14	60	01.89-	110523	24 4.0
MOTORS								
Engine 1.4	[F2L1011]					06.89-	113980	24 4.0
						06.89-	116128	12 3.2 A49
Engine 2.0	[F3L1011]	06.89-	112183	14	60	06.89-	111004	12 2.4
						06.89-	113980	24 4.0
						06.89-	116128	12 3.2 A49
Engine 2.7	[BF4L1011]					06.89-	113980	24 4.0
	[F4L1011]	06.89-	112183	14	60	06.89-	116128	12 3.2 A49
		06.89-	112548	14	60			
		06.89-	116360	14	60	06.89-	112651	24 4.0
						06.89-	113980	24 4.0
						06.89-	116128	12 3.2 A49
Engine 2.8	[F3L912..]					01.92-	112555	12 3.1
Engine 3.8	[F4L912]					07.89-	116139	12 3.0 A49
						07.89-	116312	12 2.7 BO
						01.92-	112555	12 3.1
Engine 4.7	[F5L912,F]	10.89-	113470	28	35	10.89-	110536	12 2.7
Engine 5.7	[F6L912]	05.90-	113470	28	35	05.90-	112041	12 2.2
						12.91-	112555	12 3.1
Engine 6.1	[F6L913]	01.87-	113470	28	35	01.87-	112041	12 2.2
						06.92-	113464	24 4.8
Engine 8.0	[F5L413FR]					04.84-	116690	24 4.8
		08.89-	113470	28	35	08.89-	112041	12 2.2
Engine 9.6	[BF6L513..]					01.79-	116690	24 4.8
	[F6L413]	10.87-	112747	28	55	10.87-	111004	12 2.4
		12.88-	113470	28	35	04.82-	116690	24 4.8
						12.88-	112041	12 2.2
Engine	[BF4M2012C]		114464	28	55 A49		111855	12 2.2
			114471	28	80		112651	24 4.0
			116455	28	55		113464	24 4.8
	[BF6M2012C]		114464	28	55 A49		111855	12 2.2
			116455	28	55		112651	24 4.0
	[FL1011F]		113991	14	80		111855	12 2.2
			114077	28	40			
MISCELLANEOUS								
Various Models	[F6L413]						113181	12 2.3
Kärcher								
INDUSTRY								
1065 Pressure Washers	[GX160]						113671	12
1075SE Pressure Washers	[GX390]						113671	12
405/405G Pressure Washers	[GX160]						113671	12
451/451G Pressure Washers	[GX160]						113671	12
B2030H Pressure Washers	[GX160]						113671	12
BD2055H Pressure Washers	[GX160]						113671	12
BD3515H Pressure Washers	[GX390]						113671	12
BD4013H Pressure Washers	[GX390]						113671	12
D2055H Pressure Washers	[GX160]						113671	12
D2565H Pressure Washers	[GX200]						113671	12
DD2028HG Pressure Washers	[GX160]						113671	12
DD2030H Pressure Washers	[GX160]						113671	12
DD2055H Pressure Washers	[GX160]						113671	12
DD2530H Pressure Washers	[GX200]						113671	12
H2055H Pressure Washers	[GX160]						113671	12
HD 1050 B Pressure Washers	[GX390]						113671	12
HD 1050 BX Pressure Washers	[GX390]						113671	12
HD 728 B Pressure Washers	[GX160]						113671	12
HD 801 B Pressure Washers	[GX160]						113671	12
HD 850 Pressure Washers	[GX140]						113671	12
	[GX160]						113671	12
HD SERIES Pressure Washers	[GX140]						113671	12
	[GX160]						113671	12
HDS 1000 BE Pressure Washers	[GX390]						113671	12
HDS 801 B Pressure Washers	[GX160]						113671	12
IC 15/240 W (LITTER VACUUM)	[GX160]						113671	12
Scrubbers and Sweepers								
IC 15/240 W ADVANCED (LITTER VACUUM) Scrubbers and Sweepers	[GX160]						113671	12
KM120/150 R G Scrubbers and Sweepers	[GX390]						113671	12
KM120/150 r G 2SB Scrubbers and Sweepers	[GX390]						113671	12
KM90/60 R G Scrubbers and Sweepers	[GX200]						113671	12
KMR 1050 SB Scrubbers and Sweepers	[GX160]						113671	12
KMR 1050 XL B Scrubbers and Sweepers	[GX160]						113671	12
KSM 750 B Scrubbers and Sweepers	[GX160]						113671	12
Kia								
PASSENGER CARS EU								
Besta 2.2 Diesel	[R2]	02.96-	110706	14	60	02.96-	110389	12 2.0
Bongo 2.9 TDIC						10.03-	114732	12 2.2
Bongo 2.9 TDIC 4x4						10.03-	114732	12 2.2
Carens 1.6 CRDi 110	[D4FB]	10.10-	114495	14	120	10.10-	113329	12 2.0



KIA Continued

Carens 1.6	[G4FD]	03.13-	116226	14 110		03.13-	116709	12 0.85
					A25	03.13-	116026	12 1.4
						03.13-	115757	12 0.9
Carens 1.6 CVT	[G4FC]	08.09-	114467	14 90		08.09-	110808	12 0.85
						10.10-	113329	12 2.0
Carens 1.7 CRDi	[D4FD]	04.15-	116191	14 130		04.15-	114443	12 0.9
		04.15-	116402	14 130	A25	04.15-	116255	12 1.9
						04.15-	116429	12 1.2
						04.15-	116283	12 1.8
						04.15-	116271	12 1.7
	[D4FD-L]	03.13-	116191	14 130		03.13-	114885	12 0.9
					A25	03.13-	115446	12 1.7
						03.13-	116255	12 1.9
						03.13-	116283	12 1.8
Carens 2.0 CRDi	[D4EA]	07.02-	113328	14 120		07.02-	110808	12 0.85
		09.06-	115409	14 120		09.06-	113797	12 1.7
						08.09-	115569	12 1.2
Carens 2.0 CRDi 115	[D4EA]	05.07-	115409	14 120		05.07-	115446	12 1.7
Carens 2.0	[G4GC]	08.04-	113657	14 90		08.04-	110808	12 0.85
Carens 2.0 CWT	[G4KA]	09.06-	114827	14 120		09.06-	113329	12 2.0
						09.06-	115758	12 1.2
Carnival 2.2 CRDi	[D4HB]	01.10-	115632	14 150		01.10-	115626	12 2.0
		01.10-	115747	14 150				
Carnival 2.5 V6	[K5]	10.01-	116096	14 110				
	[KRv6]	08.99- 10.01	116096	14 110				
Carnival 2.7 V6	[G6EA]	06.06-	116450	14 130				
Carnival 2.9 CRDi	[J3]	AC 10.01-	113331	14 110		10.01-	113327	12 2.2
Carnival 2.9 HPDi		AC 10.01-	113331	14 110		10.01-	113327	12 2.2
Carnival 2.9 TD	[J3]	02.02-	113331	14 110		02.02-	113327	12 2.2
		08.99-	112334	14 75		08.99-	113020	12 1.2
Carnival 2.9 TDi		01.99- 02.01	112334	14 75		01.99- 02.01	113327	12 2.2
Cee'd 1.4 CRDi	[D4FC]					09.12-	115729	12 1.6
		04.15-	116191	14 130		09.12-	116258	12 1.7
						04.15-	113797	12 1.7
Cee'd 1.4 CVT	[G4FA]	09.12-	116192	14 90		09.12-	115757	12 0.9
		A25 09.12-	116226	14 110		04.15-	114443	12 0.9
						04.15-	114892	12 0.9
					A25	11.12-	116026	12 1.4
					A25	04.15-	114887	12 1.4
						09.12-	113797	12 1.7
Cee'd 1.6 CRDi	[D4FB]	07.12-	116191	14 130		AT 05.12-	116276	12 1.7
					A25	05.12-	116283	12 1.8
						05.12-	115729	12 1.6
						05.12-	116258	12 1.7
						05.12-	116271	12 1.7
						07.12-	113797	12 1.7
Cee'd 1.6 CRDi 136	[D4FB]					A25 07.15-	116283	12 1.8
						07.15-	116271	12 1.7
Cee'd 1.6 GDi	[G4FD]	09.12-	116192	14 90		A25 09.12-	114887	12 1.4
		A25 09.12-	116226	14 110		09.12-	115757	12 0.9
		A25 04.15-	116403	14 130		A25 11.12-	116026	12 1.4
						04.15-	114443	12 0.9
						09.12-	114892	12 0.9
Ceed 1.6 GDi	[G4FJ]	10.18-	116403	14 130				
Ceed 1.6 T-GDi T-GDi GT	[G4FJ]	10.18-	116403	14 130				
Cee'd 1.4 CRDi 90	[D4FC]	05.12-	116191	14 130		05.12-	114443	12 0.9
						05.12-	115729	12 1.6
Cee'd 1.4	[G4FA]	12.06-	114467	14 90		12.06-	113797	12 1.7
		12.06-	115715	14 90		12.06-	114820	12 1.2
		12.06- 12.12	116226	14 110		12.06- 12.12	116258	12 1.7
						09.07-	114778	12 2.0
						10.10- 12.12	114443	12 0.9
Cee'd 1.4 CVT	[G4FA]	05.12-	116192	14 90		05.12-	114443	12 0.9
		A25 05.12-	116226	14 110		05.12-	115757	12 0.9
					AT	05.12-	116276	12 1.7
	[G4FA-L]	08.09- 12.12	116226	14 110		05.12-	114443	12 0.9
		06.10-	114467	14 90		A25 06.10-	114887	12 1.4
		05.12-	116192	14 90		08.09- 12.12	116258	12 1.7
		A25 06.10-	115715	14 90		AT 05.12-	116276	12 1.7
Cee'd 1.6 CRDi	[D4FB]	12.06-	114495	14 120		03.13-	114443	12 0.9
		12.06- 12.12	115587	14 120		A25 12.06-	114887	12 1.4
		AT 03.13-	116191	14 130		12.06-	115729	12 1.6
	[D4FB-L]	12.06-	114495	14 120		A25 12.06-	114887	12 1.4
						12.06-	115729	12 1.6
Cee'd 1.6 CRDi 128	[D4FB]	10.10-	115587	14 120		A25 10.10-	114887	12 1.4
		AT 05.12-	116191	14 130		10.10-	114820	12 1.2
						10.10-	115729	12 1.6
						05.12-	114443	12 0.9
Cee'd 1.6	[G4FC]	12.06-	114467	14 90		12.06-	113797	12 1.7
		09.07-	115715	14 90		A25 09.07-	114887	12 1.4
		09.07- 11.12	116226	14 110		09.07-	114778	12 2.0
						09.07- 11.12	116258	12 1.7
						09.07- 12.12	116271	12 1.7
						02.08-	114443	12 0.9
Cee'd 1.6 GT	[G4FJ]	06.13-	116226	14 110		A25 06.13-	116283	12 1.8
Cee'd 1.6 CVT	[G4FC]	10.10-	114467	14 90		A25 10.10-	114887	12 1.4
		10.10- 12.12	116226	14 110		10.10- 12.12	116271	12 1.7
		A25 10.10-	115715	14 90		10.10-	114443	12 0.9
Cee'd 1.6 GDi	[G4FD]	05.12-	116192	14 90		05.12-	114443	12 0.9
						05.12-	115757	12 0.9
					A25	08.12-	116026	12 1.4
					A25	05.12-	116283	12 1.8
Cee'd 1.6 GT	[G4FJ]	A25 05.12-	116226	14 110		A25 06.13-	116026	12 1.4
Cee'd 2.0 CRDi	[D4EA-F]	09.07-	115409	14 120		A25 09.07-	114887	12 1.4
Cee'd 2.0 CRDi 140	[D4EA]	07.07- 12.12	115409	14 120		A25 07.07- 12.12	114887	12 1.4
Cee'd 2.0	[G4GC]	12.06-	114857	14 90		A25 12.06-	114887	12 1.4
Cerato 1.5 CRDi	[D4FA]	07.05-	114495	14 120		07.05-	113797	12 1.7
Cerato 1.6 CRDi	[D4FB]					06.05-	113797	12 1.7
Cerato 1.6	[G4ED]	04.04-	113657	14 90		04.04-	113329	12 2.0
						07.04-	113659	12 0.9



Cerato 1.6 MPI	[G4FG]				06.13-	116709	12	0.85
Cerato 2.0 CRDi	[D4EA]	04.04-	113328	14 120	04.04-	111307	12	1.2
Cerato 2.0	[G4GC]	04.04-	113657	14 90	04.04-	113659	12	0.9
					04.04-	113797	12	1.7
Cerato 2.0 MPI					06.13-	115569	12	1.2
					06.13-	115758	12	1.2
Clarus 1.8 i 16V	[T8]				AT 07.96-	110810	12	1.4
					07.96-	110808	12	0.85
Clarus 2.0 i 16V	[FE]	05.98-	111317	14 80	AT 07.96-	110810	12	1.4
					07.96-	110808	12	0.85
Forte 2.0 CVVT	[G4KD]	07.09- 06.13	114827	14 120	07.09- 06.13	115569	12	1.2
					07.09- 06.13	115758	12	1.2
Joice 2.0	[G4CP]	09.01-	110804	14 90	02.00- 09.01-	113659	12	0.9
					08.99- 09.01	110315	12	0.9
					A13 01.03-	110811	12	1.2
K2500 2.5 TCi	[D4BH]	01.03-	113330	14 75	A13 01.03-	111565	12	2.2
K2700 2.7 Diesel	[J2]	10.99-	114766	14 60	10.99-	114762	12	2.2
		10.99-	115937	14 75				
K2900 2.9 Diesel	[J3]				01.08-	115350	12	2.0
K5 1.7 CRDi	[D4FD]				A25 09.16-	116283	12	1.8
					09.16-	116271	12	1.7
K5 2.0 CVVT		01.11- 12.15	115603	14 110	01.11- 12.15	116429	12	1.2
					01.11- 12.15	115758	12	1.2
K5 2.0 GDI	[G4KH]				06.18-	115758	12	1.2
Magentis 2.0 CRDi	[D4EA]	11.05- 12.08	115409	14 120	11.05- 12.08	115569	12	1.2
Magentis 2.0	[G4JP]	12.00- 05.03	112327	14 100	12.00- 05.03	113329	12	2.0
		05.01-	116527	14 110	05.01-	115758	12	1.2
	[G4KA]	11.05-	114827	14 120	11.05-	113521	12	1.2
Magentis 2.7	[G6EA]	11.05-	116450	14 130	11.05-	115977	12	1.2
Magentis 2.7 V6	[G6EA]	07.09-	116450	14 130	07.09-	115758	12	1.2
Opirus 3.0					09.03-	113020	12	1.2
Optima 1.6 GDI	[G4FJ]	01.18-	116403	14 130	A25 01.18-	116283	12	1.8
Optima 1.7 CRDi	[D4FD]				A25 09.16-	116283	12	1.8
	[D4FD-L]	03.12-	116191	14 130	03.12-	116271	12	1.7
Optima 2.0 GDI T-GDI GT	[G4KH]				01.18-	115758	12	1.2
Optima 2.4		03.12-	115603	14 110	A25 03.12-	116255	12	1.9
					03.12-	115758	12	1.2
Optima Sportswagon 1.7 CRDi	[D4FD-L]				A25 09.16-	116283	12	1.8
Optima Sportswagon 2.0 GDI	[G4KH]				09.16-	115758	12	1.2
Picanto 1.0 LPG	[B3LA]	08.13-	116399	14 90	08.13-	116249	12	0.8
		08.13-	116502	14 70				
		08.13-	116706	14 90				
	A25 08.13-	116196	14 70					
Picanto 1.0 Bi-Fuel	[B3LA]	05.11-	116399	14 90	05.11-	116249	12	0.8
		05.11-	116502	14 70	A25 05.11-	116428	12	1.2
		05.11-	116706	14 90				
	A25 05.11-	116196	14 70					
Picanto 1.0	[G3LA]	05.11-	116399	14 90	05.11-	116249	12	0.8
		05.11-	116502	14 70	05.11-	114821	12	0.9
		05.11-	116706	14 90				
	A25 05.11-	116196	14 70					
	[G4HE]	09.05-	113791	14 70	09.05-	112322	12	0.8
		09.05-	115654	14 70	09.05-	114821	12	0.9
Picanto 1.1 CRDi	[D3FA]	11.05-	113863	14 90	11.05-	112322	12	0.8
Picanto 1.1	[G4HG]	04.04-	113791	14 70	04.04-	112322	12	0.8
		04.04-	115654	14 70	04.04-	115390	12	1.2
Picanto 1.2	[G4LA]	09.11-	115430	14 90	09.11-	113797	12	1.7
		09.11-	115980	14 70				
Pregio 2.5 TCi	[D4BH]	09.02-	113330	14 75	09.02-	111565	12	2.2
Pregio 2.7 Diesel	[J2]	10.97-	115937	14 75	10.97-	111476	12	2.0
					10.97-	114762	12	2.2
Pride 1.1 i	[B1]				01.91-	110807	12	0.85
Pride 1.3 GLXi	[B3]				01.90-	110807	12	0.85
Pride 1.3 16V	[B3]				AT 10.96-	114885	12	0.9
					10.96-	110807	12	0.85
Pride 1.3 i	[B3]				AT 01.90-	114885	12	0.9
					01.90-	110807	12	0.85
Pride 1.4	[G4EE]	01.10- 12.11	113657	14 90	01.10- 12.11	110807	12	0.85
					01.10- 12.11	113659	12	0.9
Pro 1.4 CRDi	[D4FC]				03.13-	115729	12	1.6
Pro 1.4 CVVT	[G4FA]	03.13-	116192	14 90	03.13-	116258	12	1.7
					03.13-	115757	12	0.9
	A25 03.13-	116226	14 110		AT 03.13-	116276	12	1.7
Pro 1.6 CRDi	[D4FB]				03.13-	115729	12	1.6
	AT 03.13-	116191	14 130		03.13-	113797	12	1.7
Pro 1.6 GDI	[G4FD]	03.13-	116192	14 90	03.13-	116258	12	1.7
	A25 03.13-	116226	14 110		A25 03.13-	116026	12	1.4
					03.13-	115757	12	0.9
Pro Cee'd 1.4 CRDi	[D4FC]	05.15-	116191	14 130	05.15-	114443	12	0.9
					A25 05.15-	115729	12	1.6
Pro Cee'd 1.4	[G4FA]	02.08-	114467	14 90	02.08-	113797	12	1.7
		02.08-	115715	14 90	02.08-	114892	12	0.9
		02.08- 09.12	116226	14 110	02.08- 09.12	116258	12	1.7
Pro Cee'd 1.4 CVVT	[G4FA]	07.13-	116192	14 90	07.13-	114443	12	0.9
		A25 07.13-	116226	14 110	A25 07.13-	116026	12	1.4
					07.13-	115757	12	0.9
					07.13-	116258	12	1.7
	[G4FA-L]	06.10-	114467	14 90	06.10-	113797	12	1.7
		06.10- 09.12	116226	14 110	06.10- 09.12	116258	12	1.7
		A25 06.10-	115715	14 90	06.10-	114778	12	2.0
Pro Cee'd 1.6 CRDi	[D4FB]	02.08-	114495	14 120	A25 02.08-	114887	12	1.4
		AT 10.12-	116191	14 130	02.08-	115729	12	1.6
					AT 10.12-	116276	12	1.7
					A25 03.13-	116283	12	1.8
					10.12-	114443	12	0.9
	[D4FB-L]	02.08-	114495	14 120	A25 02.08-	114887	12	1.4
					02.08-	115729	12	1.6
Pro Cee'd 1.6 CRDi 128	[D4FB]	10.10-	115587	14 120	A25 10.10-	114887	12	1.4
					10.10-	115729	12	1.6
Pro Cee'd 1.6 CRDi 136	[D4FB]				A25 07.15-	116283	12	1.8



KIA Continued

Pro Cee'd 1.6	[G4FC]	02.08- 02.08-	114467 115715	14 90 14 90	02.08- 02.08- 02.08-	113797 114820 114892	12 1.7 12 1.2 12 0.9
Pro Cee'd 1.6 CVVT	[G4FC]	02.08- 09.12 A25 02.08- 09.12 02.08- 09.12	114467 115715 116226	14 90 14 90 14 110	10.10- 02.13 10.10- A25 02.08- 09.12 02.08- 09.12 10.10-	114443 114820 114887 116271 113797	12 0.9 12 1.2 12 1.4 12 1.7 12 1.7
Pro Cee'd 1.6 GDI	[G4FD]	04.15- A25 04.15- A25 04.15-	116192 116226 116403	14 90 14 110 14 130	04.15- A25 04.15- 04.15- 04.15- AT 04.15-	114443 116026 115757 116271 116276	12 0.9 12 1.4 12 0.9 12 1.7 12 1.7
Pro Cee'd 2.0 BiFuel LPG	[G4GC]	01.09- 12.09	114857	14 90	A25 01.09- 12.09	114887	12 1.4
Pro Cee'd 2.0	[G4GC]	02.08-	114857	14 90	A25 02.08-	114887	12 1.4
Proceed 1.6 GDI	[G4FJ]	10.18-	116403	14 130			
Proceed 1.6 T-GDI T-GDI Gt	[G4FJ]	10.18-	116403	14 130			
Retona 2.0 TD	[RF]	06.99- 06.99-	112506 113903	14 60 14 60	06.99- 06.99-	110808 110389	12 0.85 12 2.0
Rio 1.1 CRDi	[D3FA]	09.11- 09.11- A25 09.11-	115587 116191 116402	14 120 14 130 14 130	09.11- 09.11- A25 09.11- 09.11-	113797 114760 115729 114821	12 1.7 12 0.8 12 1.6 12 0.9
Rio 1.2 LPG	[G4LA]				09.11-	116260	12 0.9
Rio 1.2	[G4LA]				09.11- 09.11-	116260 113797	12 0.9 12 1.7
Rio 1.2 CVVT	[G4LA]	A25 09.11- 10.11-	115430 115430	14 90 14 90	09.11- A25 09.11- 12.17 09.11- 10.11-	113797 116428 116260 113797	12 1.7 12 1.2 12 0.9 12 1.7
Rio 1.2 LPG	[G4LA]				A25 07.20-	116428	12 1.2
Rio 1.3	[A3E]	08.02- 02.05	113656	14 80	08.02- 02.05	110808	12 0.85
Rio 1.4 CRDi	[D4FC]	04.15- 09.11- A25 04.15-	115587 116191 116402	14 120 14 130 14 130	09.11- 09.11- 09.11- 04.15- 04.15- 04.15-	114760 115729 116258 113797 114885 114821	12 0.8 12 1.6 12 1.7 12 1.7 12 0.9 12 0.9
Rio 1.4 16V	[G4EE]	03.05-	113657	14 90	03.05-	110808	12 0.85
Rio 1.4 CVVT	[G4FA]	09.11- 09.11-	115715 116226	14 90 14 110	A25 09.11- A25 09.11- 09.11- 09.11- A25 06.12- 04.15- 04.15-	115390 114887 115757 116709 116026 114760 114443	12 1.2 12 1.4 12 0.9 12 0.85 12 1.4 12 0.8 12 0.9
Rio 1.5 CRDi	[D4FA]	03.05- 03.05-	113656 114495	14 80 14 120	03.05- 03.05-	110808 113659	12 0.85 12 0.9
Rio 1.6	[G4FC]				06.12-	114443	12 0.9
Rio 1.6 16V	[G4ED]	03.05- 03.05- 03.05-	113657 115715 116226	14 90 14 90 14 110	03.05- 03.05- 03.05-	110808 113797 114885	12 0.85 12 1.7 12 0.9
Roadster 1.8	[T8D]	08.99-	111807	14 70			
Sephia 1.5 i 16V	[B5]	02.96- 10.97	111807	14 70	02.96- 10.97	110808	12 0.85
Sephia 1.6	[B6]	09.93-	111807	14 70	09.93-	110808	12 0.85
Sephia 1.6 i	[B6]	01.95-	111807	14 70	01.95-	110808	12 0.85
Sephia 1.8 i 16V	[OK24N] [OK26Y]				01.95- 01.95- 10.97	110810 110810	12 1.4 12 1.4
Shuma 1.5 i 16V	[B5D]				10.97- 03.01	110808	12 0.85
Shuma 1.6	[GA6D]				01.01- 05.04 01.01- 12.01	110808 114885	12 0.85 12 0.9
Shuma 1.8	[T8]				AT 01.01- 08.04	110810	12 1.4
Shuma 1.8 i 16V	[T8]				10.97-	110808	12 0.85
Sorento 2.0 CRDi	[D4HA]	11.10-	115747	14 150	11.10- 11.10-	115758 115626	12 1.2 12 2.0
Sorento 2.0 CRDi 4x4	[D4HA]	11.10-	115747	14 150	11.10- 11.10-	115758 115626	12 1.2 12 2.0
Sorento 2.2 CRDi	[D4HB]	11.09- 11.09-	115632 115747	14 150 14 150	11.09- 11.09- 11.09-	113937 116430 115626	12 2.2 12 2.0 12 2.0
Sorento 2.2 CRDi 4WD	[D4HB]	11.09- 11.09-	115632 115747	14 150 14 150	11.09- 11.09- 11.09-	113937 116430 115626	12 2.2 12 2.0 12 2.0
Sorento 2.4	[G4JS]	08.02-	116527	14 110	08.02-	115758	12 1.2
Sorento 2.4 GDI	[G4KJ]				01.15-	115758	12 1.2
Sorento 2.5 CRDi	[D4CB]	08.02- 05.06- 05.06-	113792 114287 116358	14 110 14 110 A49 14 110	08.02- 05.06- 05.06-	11241 113937 115758	12 1.2 12 2.2 12 1.2
Sorento 2.5 CRDi 4WD	[D4CB]	08.05- 10.06	113792	14 110	08.05- 10.06	113521	12 1.2
Sorento 3.3 V6	[G6DB]	11.07-	115737	14 130	11.07-	115758	12 1.2
Sorento SUV Van 2.2 CRDi	[D4HB]	11.09- 12.15 AT 11.09- 12.15	115747 115632	14 150 14 150	11.09- 12.15	115626	12 2.0
Sorento SUV Van 2.2 CRDi 4WD	[D4HB]	11.09- 12.15 11.09- 12.15 AT 11.09- 12.15	115351 115747 115632	14 150 14 150 14 150	11.09- 12.15	115626	12 2.0
Sorento SUV Van 2.4	[G4KE]	06.09- 12.15	115603	14 110	06.09- 12.15	115758	12 1.2
Sorento SUV Van 2.4 4WD	[G4KE]	06.09- 12.15	115603	14 110	06.09- 12.15	115758	12 1.2
Soul 1.6 CRDi	[D4FB]	02.09- A25 02.09-	114495 116191	14 120 14 130	02.09- 02.09- 02.09- 02.14- A25 02.14-	116709 114443 115729 116258 116283	12 0.85 12 0.9 12 1.6 12 1.7 12 1.8
Soul 1.6 CRDi 136	[D4FB]				AT 04.15- A25 04.15- 04.15- 04.15-	116276 116283 115729 116258	12 1.7 12 1.8 12 1.6 12 1.7
Soul 1.6	[G4FC]	02.09-	114467	14 90	02.09-	113797	12 1.7
Soul 1.6 CVVT	[G4FC] [G4FG]	02.09- 02.14-	114467 116226	14 90 14 110	A25 02.09- AT 02.14-	114887 116276 115757	12 1.4 12 1.7 12 0.9



Soul 1.6 GDI	[G4FD]	02.14-	116226	14 110	A25 07.12- AT 02.14- 02.14-	116026 12 1.4 116276 12 1.7 115757 12 0.9
Soul Electric		03.17-	111517	14 70	03.17-	113797 12 1.7
Sportage 1.6 GDI	[G4FD]	02.11-	116226	14 110	02.11- 02.11- A25 08.12-	116271 12 1.7 115757 12 0.9 116026 12 1.4
Sportage 1.6 GDI GDI	[G4FD]				09.15-	116026 12 1.4
Sportage 1.6 T-GDI	[G4FJ]	05.18-	116403	14 130	05.18-	116271 12 1.7
Sportage 1.6 LPG	[G4FD]	07.20-	116403	14 130	07.20- A25 07.20- 07.20-	116271 12 1.7 116026 12 1.4 115757 12 0.9
Sportage 1.7 CRDi	[D4FD-L]	12.10-	116191	14 130	12.10- A25 11.16-	114443 12 0.9 116283 12 1.8
Sportage 2.0 CRDi	[D4EA]	02.05-	113328	14 120	02.05- 01.06-	110389 12 2.0 113329 12 2.0
	[D4EA-V]	01.06-	113328	14 120	01.06-	110808 12 0.85
	[D4HA]	07.10- 07.10-	115632 115747	14 150 14 150	07.10- 07.10- 07.10-	114820 12 1.2 114778 12 2.0 115626 12 2.0
Sportage 2.0 CRDi 4WD	[D4EA]	09.04-	113328	14 120	09.04- 09.08-	110808 12 0.85 113329 12 2.0
	[D4EA-F]	01.06-	113328	14 120	01.06-	110808 12 0.85
	[D4EA-V]	01.06-	113328	14 120	01.06-	113329 12 2.0
Sportage 2.0 CRDi AWD	[D4EA]	01.06-	113328	14 120	01.06-	113329 12 2.0
	[D4HA]	07.10- 07.10-	115632 115747	14 150 14 150	07.10- 07.10- 08.10-	114778 12 2.0 115626 12 2.0 114820 12 1.2
Sportage 2.0 TD 4WD	[RF]	10.97- 08.03	113903	14 60	10.97- 08.03	113329 12 2.0
Sportage 2.0 TDi 4WD	[RF]	10.97- 08.03	113903	14 60	10.97- 08.03	113020 12 1.2
Sportage 2.0	[G4KD]	07.10-	115603	14 110	AT 07.10- 07.10-	113521 12 1.2 115758 12 1.2
Sportage 2.0 AWD	[G4KD]	07.10-	115603	14 110	07.10- 07.10-	115446 12 1.7 115758 12 1.2
	[G4NA]	12.15-	116215	14 130	A25 12.15-	116255 12 1.9
Sportage 2.0 16V	[G4GC]	09.04- 09.04-	113657 116527	14 90 14 110	09.04- A25 09.04-	113329 12 2.0 116283 12 1.8
Sportage 2.0 16V 4WD	[G4GC]	09.04- 09.04-	113657 116527	14 90 14 110	09.04- A25 09.04-	113329 12 2.0 116283 12 1.8
Sportage 2.0 CVT AWD	[G4KD]	06.10- 12.13	115603	14 110	A25 06.10- 12.13 06.10- 12.13 AT 07.10-	114887 12 1.4 115758 12 1.2 113521 12 1.2
Sportage 2.7 V6 4WD	[G6BA]	09.04- 09.04-	113652 115855	14 110 14 120	09.04- 09.04-	113329 12 2.0 114778 12 2.0
Stinger 2.2 CRDi VGT	[D4HC]				07.18-	116430 12 2.0
Stinger 2.2 CRDi VGT 4WD	[D4HC]				06.17-	116430 12 2.0
Venga 1.4 CRDi	[D4FC]	02.10- 04.15-	114495 115587	14 120 14 120	A25 02.10- 02.10- 02.10- 04.15-	114887 12 1.4 113797 12 1.7 115729 12 1.6 114892 12 0.9
Venga 1.4 CRDi 75	[D4FC]	02.10-	114495	14 120	A25 02.10- 02.10-	114887 12 1.4 115729 12 1.6
Venga 1.4 16V	[G4FA-L]	02.10- 02.10- A25 02.10- A25 02.10-	114467 115715 116192 116226	14 90 14 90 14 90 14 110	02.10- 02.10- A25 08.12- 07.13- 02.10- 02.10-	113797 12 1.7 114892 12 0.9 116026 12 1.4 115757 12 0.9 114443 12 0.9 116258 12 1.7
Venga 1.4 CVT	[G4FA]	04.15- 04.15- 04.15- A25 04.15-	114467 115715 116192 116226	14 90 14 90 14 90 14 110	04.15- 04.15- 04.15- A25 04.15- 04.15- 04.15-	113797 12 1.7 114443 12 0.9 116258 12 1.7 116026 12 1.4 115757 12 0.9 116271 12 1.7
Venga 1.4 LPG	[G4FA-L]	02.10- 02.10- A25 02.10- A25 02.10-	114467 115715 116192 116226	14 90 14 90 14 90 14 110	02.10- 02.10- A25 02.10- 02.10- 02.10- 02.10-	113797 12 1.7 114892 12 0.9 116026 12 1.4 115757 12 0.9 116258 12 1.7 116271 12 1.7
Venga 1.6 CRDi	[D4FB]	02.10- A25 02.10-	114495 116191	14 120 14 130	A25 02.10- 02.10- A25 02.10- 02.10- 02.10-	114887 12 1.4 113797 12 1.7 116283 12 1.8 115729 12 1.6 114443 12 0.9
Venga 1.6 16V	[G4FC]	02.10- 02.10- A25 02.10- A25 02.10-	114467 115715 116192 116226	14 90 14 90 14 90 14 110	02.10- 02.10- A25 08.12- 07.13- 02.10- 02.10-	113797 12 1.7 114892 12 0.9 116026 12 1.4 115757 12 0.9 114443 12 0.9 116258 12 1.7
Venga 1.6 CVT	[G4FC]	02.15- 02.15- 02.15- A25 02.15-	114467 115715 116192 116226	14 90 14 90 14 90 14 110	02.15- 02.15- 02.15- A25 02.15- 02.15- 02.15-	113797 12 1.7 114443 12 0.9 116258 12 1.7 116026 12 1.4 115757 12 0.9 116283 12 1.8
Xceed 1.6 T-GDI	[G4FJ]	06.19-	116403	14 130		
Xceed 1.6 T-GDI	[G4FJ]	06.19-	116403	14 130		
Xceed Van 1.6 T-GDI	[G4FJ]	06.19-	116403	14 130		
PASSENGER CARS US						
Cerato 1.6	[G4FC]				01.10- 06.13	116709 12 0.85
Magentis 2.4		01.01-	112327	14 100	01.01-	113638 12 1.4
Optima 2.4					01.01- 01.03	113638 12 1.4
					01.01- 01.03	113521 12 1.2
		01.01- 01.03	112327	14 100	01.01- 01.03	113020 12 1.2
Optima 2.7					01.02- 01.02	113020 12 1.2
Rio 1.5		01.01- 01.02	113656	14 80		
Rio 1.5 CINCO		01.02- 01.02	113656	14 80		
Rio 1.5 RX-V		01.01-	113656	14 80		



KIA Continued

Rio 1.6		01.03-	113656	14	80			
Rio 1.6 Cinco		01.03-	113656	14	80			
Rio 1.6 RX-V		01.03-	113656	14	80			
Sedona 3.5						01.02- 01.02	113020	12 1.2
Sephia 1.6 GS						01.93- 01.95	110808	12 0.85
Sephia 1.6 LS						01.93- 01.95	110808	12 0.85
Sephia 1.6 RS						01.93- 01.95	110808	12 0.85
Sephia 1.8	[5BP]					01.00- 01.01	110808	12 0.85
						01.00- 01.01	110810	12 1.4
Sephia 1.8 GS						01.95- 01.97	110808	12 0.85
						01.95- 01.97	110810	12 1.4
Sephia 1.8 LS						01.98- 01.98	110808	12 0.85
						01.98- 01.98	110810	12 1.4
Sephia 1.8 RS						01.96- 01.96	110808	12 0.85
						01.97- 01.97	110810	12 1.4
		01.97- 01.97	111384	14	70			
Spectra 1.8	[5BP]					01.00- 01.01	110810	12 1.4
Spectra 2.0 EX		01.05-	113657	14	90	01.05-	110808	12 0.85
Spectra 2.0 LX		01.05-	113657	14	90	01.05-	110808	12 0.85
Sportage 2.0	[3FE]					01.00- 01.02	110808	12 0.85
						01.00- 01.02	110810	12 1.4
		01.05-	113657	14	90			
Sportage 2.0 4-Door						01.95- 01.95	110808	12 0.85
						01.96- 01.97	110810	12 1.4
PASSENGER CARS AO								
Borrego 3.8 4WD		06.08-	115737	14	130			
Cerato 1.6	[G4FC]	05.06-	114467	14	90	05.06-	115569	12 1.2
Cerato 2.0	[G4KD]	01.09-	114827	14	120	01.09-	116709	12 0.85
						01.09-	115758	12 1.2
Cerato Koup 1.6 CVVT	[G4FC]					10.09-	116709	12 0.85
Picanto 1.2						01.13-	116249	12 0.8
Rio 1.2 CVVT	[G4LA]					06.11-	116260	12 0.9
						A25 09.11- 12.17	116428	12 1.2
						09.11-	114760	12 0.8
Rio 1.4 CVVT	[G4FA]	09.11-	115715	14	90	09.11-	114760	12 0.8
Sorento 2.2 CRDi	[D4HB]	11.09-	115632	14	150	11.09-	115626	12 2.0
		11.09-	115747	14	150			
Sorento 3.8 4x4		09.06-	115737	14	130			
Soul 1.6 CVVT	[G4FC]	03.12-	116226	14	110	03.12-	116709	12 0.85
Sportage 2.0 CRDi	[D4HA]	08.10-	115632	14	150	08.10-	115626	12 2.0
		08.10-	115747	14	150			
Sportage 2.2 Diesel 4WD		08.94- 08.02	112506	14	60	08.94- 08.02	110389	12 2.0
Kobelco								
INDUSTRY								
SK17SR Excavators	[L3E]		114079	14	40		114444	12 1.6
SK55SR-5 Excavators	[3TNV88]		113742	14	40		112374	12 2.5
SK60 Excavator	[4JB1]		114456	28	30		114185	24 3.2
SK70 Excavator	[4JB1]		114456	28	30		114185	24 3.2
Various Models							114893	24 4.2
Kohler								
MARINE								
40EFOZC & 40EFOZD 50HZ Marine Auxiliary	[4045T]		112062	14	115		114275	12 4.0
			113707	14	200			
			114379	14	150			
			114681	14	90			
			116623	14	200			
50CFOZ/65OZ Marine Auxiliary	[4045T]		112062	14	115		114275	12 4.0
			113707	14	200			
			114379	14	150			
			114681	14	90			
			116623	14	200			
50EFOZC & 50EFOZD 50HZ Marine Auxiliary	[4045T]		112062	14	115		114275	12 4.0
			113707	14	200			
			114379	14	150			
			114681	14	90			
			116623	14	200			
50EOZ & 65EOZ Marine Auxiliary	[4045T]		112062	14	115		114275	12 4.0
			113707	14	200			
			114379	14	150			
			114681	14	90			
			116623	14	200			
55EOZC & 55EOZD Marine Auxiliary	[4045T]		112062	14	115		114275	12 4.0
			113707	14	200			
			114379	14	150			
			114681	14	90			
			116623	14	200			
65EOZC & 65EOZD Marine Auxiliary	[4045T]		112062	14	115		114275	12 4.0
			113707	14	200			
			114379	14	150			
			114681	14	90			
			116623	14	200			
70EFOZ & 80EFOZ Marine Auxiliary	[6068T]		113986	14	120		115357	12 4.2
							116535	12 3.0
70EFOZC & 70EFOZD 50HZ Marine Auxiliary	[6068T]		113986	14	120		115357	12 4.2
							116535	12 3.0
80EFOZC & 80EFOZD 50HZ Marine Auxiliary	[6068T]		113986	14	120		115357	12 4.2
							116535	12 3.0
80EOZ & 99EOZ Marine Auxiliary	[6068T]		113986	14	120		115357	12 4.2
							116535	12 3.0
80EOZC & 80EOZD Marine Auxiliary	[6068T]		113986	14	120		115357	12 4.2
							116535	12 3.0
99EOZC & 99EOZD Marine Auxiliary	[6068T]		113986	14	120		115357	12 4.2
							116535	12 3.0



INDUSTRY					
100RE0ZJC Generator Sets	[4045H]	112062	14	115	114275 12 4.0
		113707	14	200	
		114379	14	150	
		114681	14	90	
		116623	14	200	
125ROZJ Generator Sets	[6068T]	113986	14	120	115357 12 4.2
					116535 12 3.0
135ROZJ Generator Sets	[6068T]	113986	14	120	115357 12 4.2
					116535 12 3.0
50ROZJ Generator Sets	[4045T]	112062	14	115	114275 12 4.0
		113707	14	200	
		114379	14	150	
		114681	14	90	
		116623	14	200	
60KRA Generator Sets	[4045T]	112062	14	115	114275 12 4.0
		113707	14	200	
		114379	14	150	
		114681	14	90	
		116623	14	200	
60KRB Generator Sets	[4045T]	112062	14	115	114275 12 4.0
		113707	14	200	
		114379	14	150	
		114681	14	90	
		116623	14	200	
ALIZE 2500 Generator Sets	[GX160]				113671 12
ALIZE 2500 & 2500UK Generator Sets	[GX160]				113671 12
ALIZE 3000 & 3000UK Generator Sets	[GX200]				113671 12
ALIZE 6000 E Generator Sets	[GX390]				113671 12
ALIZE 6000E & 6000EUK Generator	[GX390]				113671 12
ALIZE 6500EC Generator Sets	[GX390]				113671 12
ALIZE 7500 TE Generator Sets	[GX390]				113671 12
ALIZE 7500TE Generator Sets	[GX390]				113671 12
CR 2500 Generator Sets	[GX160]				113671 12
ESH 2000 Generator Sets	[GX120]				113671 12
FR SERIES Generator Sets	[4B3.9]	111888	14	65	113725 12 2.5
HX 2500 Generator Sets	[GX160]				113671 12
HX 3000 Generator Sets	[GX200]				113671 12
HX 6000 Generator Sets	[GX390]				113671 12
HX 6000 AVR Generator Sets	[GX390]				113671 12
HX 7500T Generator Sets	[GX390]				113671 12
HX2500 HX2500UK & HX2700UK Generator Sets	[GX160]				113671 12
HX2600 Generator Sets	[GX160]				113671 12
HX3000 & HX3000UK Generator Sets	[GX200]				113671 12
HX3500 Generator Sets	[GX200]				113671 12
HX6000-2 & HX6000-2UK Generator	[GX390]				113671 12
HX6000AVR-2 HX6080-2 & HX7500T-2 Generator Sets	[GX390]				113671 12
HX7000 & HX8000T Generator Sets	[GX390]				113671 12
PRO SRS HX 60HZ Generator Sets	[GX390]				113671 12
RG 2500 Generator Sets	[GX160]				113671 12
SH2500 Generator Sets	[GX160]				113671 12
SH2500 & SH2500UK Generator Sets	[GX160]				113671 12
SH2600 Generator Sets	[GX160]				113671 12
SH3000 Generator Sets	[GX200]				113671 12
SH3000 & SH3000UK Generator Sets	[GX200]				113671 12
SH3500 Generator Sets	[GX200]				113671 12
SH6000 Generator Sets	[GX390]				113671 12
SH6000-2 SH6000-2UK & SH7500T-2 Generator Sets	[GX390]				113671 12
SH6000E-2 SH6000E-2UK & SH7500TE-2 Generator Sets	[GX390]				113671 12
SH7000 & SH8000T Generator Sets	[GX390]				113671 12
SILENT SRS 60HZ Generator Sets	[GX390]				113671 12
VX 200/4 V Welders	[GX390]				113671 12
VX 220/7,5HV Welders	[GX390]				113671 12
ZEPHIR 6000E Generator Sets	[GX390]				113671 12
ZEPHIR 7500TE Generator Sets	[GX390]				113671 12
MOTORS					
Engine					111012 12 0.5
					112150 12
Engine					112831 12
					112546 12 0.6
					112150 12
Komatsu					
FORK LIFTS					
605	[H20]				110155 12 0.85
4DE94E	[4TNE94]	114209	14	60	
AX 20 SER. CUSHION & PNEUMATIC Forklifts	[K21(L)]	112069	14	50	114479 12 1.2
AX 50 SER. CUSHION & PNEUMATIC Forklifts	[K21(L)]	112069	14	50	114479 12 1.2
BX 20 SER. CUSHION & PNEUMATIC Forklifts	[K21(L)]	112069	14	50	114479 12 1.2
BX 50 SER. CUSHION & PNEUMATIC Forklifts	[K25(L)]	112069	14	50	114479 12 1.2
BX 50 SER. CUSHION & PNEUMATIC Forklifts	[K21(L)]	112069	14	50	114479 12 1.2
	[K25(L)]	112069	14	50	114479 12 1.2
BX50 CUSHION FG20ST-16 Forklifts	[K21(L)]	112069	14	50	114479 12 1.2
BX50 CUSHION FG25SH-16 Forklifts	[K25(L)]	112069	14	50	114479 12 1.2
BX50 CUSHION FG25ST-16 Forklifts	[K21(L)]	112069	14	50	114479 12 1.2
BX50 CUSHION FG30SH-16 Forklifts	[K25(L)]	112069	14	50	114479 12 1.2
BX50 CUSHION FG32SH-16 Forklifts	[K25(L)]	112069	14	50	114479 12 1.2
BX50 PNEUMATIC FG20HT-16 Forklifts	[K25(L)]	112069	14	50	114479 12 1.2
BX50 PNEUMATIC FG20T-16 Forklifts	[K21(L)]	112069	14	50	114479 12 1.2
BX50 PNEUMATIC FG25HT-16 Forklifts	[K25(L)]	112069	14	50	114479 12 1.2
BX50 PNEUMATIC FG25T-16 Forklifts	[K21(L)]	112069	14	50	114479 12 1.2
BX50 PNEUMATIC FG30HT-16 Forklifts	[K25(L)]	112069	14	50	114479 12 1.2



KOMATSU Continued

PC220(LC)-10 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC220-8 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC220LC		114113	28	60			114693	24	5.5
PC220LC-8 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC228USLC-3EO Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC228USLC-8 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC230(LC)-10 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC230NHD-8 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC240LC-10 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC240LC-10 & SUPER LONG FRONT Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC240LC-10 SUPER LONG FRONT Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC240LC-11 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC240LC-11 SUPER LONG FRONT Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC240LC-8 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC240LC-8 & PC240NLC-8 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC270-8 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC270LC-8 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC290LC-10 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC290LC-10 & SUPER LONG FRONT Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC290LC-10 SUPER LONG FRONT Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC290LC-11 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC290LC-11 SUPER LONG FRONT Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC290LC-8 & PC290NLC-8 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PC310	[6D105]					01.91- 01.95	111020	24	7.5
PC400	[6D125]					01.86- 01.94	111020	24	7.5
PC40MR-3 Excavators	[4D88E-6]	112160	28	75			112374	12	2.5
		113742	14	40					
PC410	[6D125]					01.91- 01.95	111020	24	7.5
PC45MR-3 Excavators	[4D88E-6]	112160	28	75			112374	12	2.5
		113742	14	40					
PC45MR-5 Excavators	[4D88E-6]	112160	28	75			112374	12	2.5
		113742	14	40					
PC55MR-3 Excavators	[4D88E-6]	112160	28	75			112374	12	2.5
		113742	14	40					
PC55MR-5 Excavators	[4D88E-6]	112160	28	75			112374	12	2.5
		113742	14	40					
PC58UU-5 Excavators	[4D88E-6]	112160	28	75			112374	12	2.5
		113742	14	40					
PC58UU-6 Excavators	[4D88E-6]	112160	28	75			112374	12	2.5
		113742	14	40					
PC60 Excavators	[4B3.9]	111888	14	65			111212	24	2.8
							113725	12	2.5
PC60EN-7 3.0	[4D95LE-2]						115954	24	3.0
PC650	[6D650]					01.88- 01.94	111020	24	7.5
PW120 Excavators	[1004-4T]	111355	14	65			114388	12	3.2
		112698	14	100			116308	12	3.2
		114772	14	95					
PW170 Excavators	[1004-4T]	111355	14	65			114388	12	3.2
		112698	14	100			116308	12	3.2
		114772	14	95					
PW180-7 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PW200-7 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
PW220-7 Excavators	[SAA6D107E]	114113	28	60			114693	24	5.5
SK04 Skid Steer Loaders	[103-10]	110770	14	55			112534	12	2.0
SYNTHESIS 692 Wheel Loaders and Dozers	[1004-4T]	111355	14	65			114388	12	3.2
		112698	14	100			116308	12	3.2
		114772	14	95					
T SERIES Forestry Equipment	[6BTA5.9]	111843	14	95					
Various Models	[6D125]					01.86- 01.94	111020	24	7.5
Various Models	[4D95L]	114403	14	120			110555	24	7.5
	[6D105]					01.86-	114693	24	5.5
						01.88- 01.95	110656	24	5.5
	[6D170]					01.86-	114166	24	7.5
		115445	28	60			110555	24	7.5
		115533	28	75					
							114747	12	2.2
WA 250 Wheel Loaders and Dozers	[6BT5.9]	111843	14	95					
WA120 4B Wheelloader						01.97- 01.06	114340	24	4.5
WA120 6B Wheelloader						01.97- 01.06	114340	24	4.5
WA150 Wheel Loaders and Dozers	[6BT5.9]	111843	14	95					
WA180 Wheel Loaders and Dozers	[6BT5.9]	111843	14	95					
WA180 4B Wheelloader						01.97- 01.06	114340	24	4.5
WA180 6B Wheelloader						01.97- 01.06	114340	24	4.5
WA200 Wheel Loaders and Dozers	[6BT5.9]	111843	14	95					
WA250 Wheel Loaders and Dozers	[6BT5.9]	111843	14	95					
WA250 4B Wheelloader						01.97- 01.06	114340	24	4.5
WA250 6B Wheelloader						01.97- 01.06	114340	24	4.5
WA250-6 Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60			114693	24	5.5
WA250PZ-6 Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60			114693	24	5.5
WA253 4B Wheelloader						01.97- 01.06	114340	24	4.5
WA253 6B Wheelloader						01.97- 01.06	114340	24	4.5
WA270 Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60			114693	24	5.5
WA300 Wheel Loaders and Dozers	[6BT5.9]	111843	14	95					
WA320 Wheel Loaders and Dozers	[6BT5.9]	111843	14	95			114693	24	5.5
	[SAA6D107E]	114113	28	60					
WA320-6 Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60			114693	24	5.5
WA320-7 Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60			114693	24	5.5
WA320PZ-6 Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60			114693	24	5.5
WA380 Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60			114693	24	5.5
WA380-6 Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60			114693	24	5.5
WA380-6 SERIES Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60			114693	24	5.5
WA380-7 Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60			114693	24	5.5



WA380-7 & WA380-7 W.H. Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60	114693	24	5.5
WA380-8 Wheel Loaders and Dozers	[SAA6D107E]	114113	28	60	114693	24	5.5
WA40/50 Wheel Loaders and Dozers	[4D88E-6]	112160	28	75	112374	12	2.5
		113742	14	40			
WA80 Wheel Loaders and Dozers	[4B3-9]	111888	14	65	113725	12	2.5
WA800 Wheel Loader	[SA12V140]	115534	28	90			
WA900 Wheel Loader	[SA12V140]	115534	28	90			
WB140 Backhoe		114262	14	80			
WB97 Tractor/Loader/Backhoes	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
Kramer							
INDUSTRY							
Various Models					116312	12	2.7 BO
					116139	12	3.0 A49
	09.88- 07.96	110881	14	55	09.88- 07.96	110536	12 2.7
	01.77- 07.96	110641	14	33	01.77- 07.96	112555	12 3.1
KTM							
MOTOR BIKES							
Adventure					114504	12	0.9
Adventure R					114504	12	0.9
Super Duke					114504	12	0.9
Super Enduro					114504	12	0.9
Super Moto					114504	12	0.9
Super Moto R					114504	12	0.9
Super Moto T					114504	12	0.9
Kubota							
INDUSTRY							
K-005-3 Excavators	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
K-008 Excavators	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
K-008-3 Excavators	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
KX018-4 Excavators	[D902-E]	113921	14	40	113966	12	1.4
KX018-4 / KX019-4 SERIES Excavators	[D902]	114205	14	40	116071	12	1.4
KX040-4 Excavators	[V2203-M]	113921	14	40	110720	12	1.4
					111197	12	2.0
KX057-4 Excavators	[V2607-DI]	114516	14	14			
		116313	14	60			
KX080-3 / SUPER DOUBLE BOOM Excavators	[V3307-DI-T]	114807	14	60	114167	12	3.0
KX101-3a3 Excavators	[D1803-M]	113921	14	40	115322	12	1.4
KX121-3A Excavators	[V2203-M]	113921	14	40	110720	12	1.4
					111197	12	2.0
KX121-3S / 6-IN-1 BLADE Excavators	[V2203-M]	113921	14	40	110720	12	1.4
					111197	12	2.0
KX135-3S Excavators	[D1703-M-E]	113921	14	40	113893	12	1.2
KX155-5 Excavators	[V2403-M-DI]	114751	14	44	111197	12	2.0
KX161-3A Excavators	[V2403-M]	114751	14	44	111197	12	2.0
					113966	12	1.4
KX175-5 Excavators	[V2403-M-DI]	114751	14	44	111197	12	2.0
KX183-3 Excavators	[V3307-DI-T]	114807	14	60	114167	12	3.0
KX36-3 Excavators	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
KX41-2 Minibagger	[D1105BH]				01.97- 01.06	116630	12 1.4
KX41-3V Excavators	[D902-E]	113921	14	40	113966	12	1.4
KX57-6 Excavators	[V2607-DI]	114516	14	14			
		116313	14	60			
KX61-2 Minibagger	[D1105BH]				01.97- 01.06	116630	12 1.4
KX61-3 Excavators	[V1505-E]	113856	14	40	111021	12	1.4
KX71 Excavators	[V1505-E]	113856	14	40	111021	12	1.4
KX71-2 Excavators	[V1505-E]	113856	14	40	111021	12	1.4
KX71-3 Excavators	[V1505-E]	113856	14	40	111021	12	1.4
KX71-3S Excavators	[V1505-E]	113856	14	40	111021	12	1.4
KX91 Excavators	[V1505-E]	113856	14	40	111021	12	1.4
KX91-2 Excavators	[V1505-E]	113856	14	40	111021	12	1.4
					116630	12	1.4
KX91-3S2 Excavators	[D1703-M]	113921	14	40	113893	12	1.2
R430E Wheel Loaders and Dozers	[D1803-M-DI]	114085	14	40	114685	12	2.0
R530E Wheel Loaders and Dozers	[D1803-M-DI]	114085	14	40	114685	12	2.0
R630E Wheel Loaders and Dozers	[D1803-M-DI]	114085	14	40	114685	12	2.0
RA401 Wheel Loaders and Dozers	[D1503-E]	113921	14	40	113893	12	1.2
RTV400Ci Utility Vehicles	[GZ460]	116528	14	55			
RTV500 Utility Vehicles	[GZ460]	116528	14	55			
RTV900 Utility Vehicles	[D902]	114205	14	40	116071	12	1.4
	[D902-E]	113921	14	40	113966	12	1.4
RTV900 & RTV900 SE Utility Vehicles	[D902]	114205	14	40	116071	12	1.4
RTV900XT Utility Vehicles	[D902-E]	113921	14	40	113966	12	1.4
RTV-X 900 Utility Vehicles	[D902-E]	113921	14	40	113966	12	1.4
RX502 Excavator		114085	14	40	110720	12	1.4
U-008 Excavators	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
U-10-3 Excavators	[D722-E]	114205	14	40	110447	12	1.0
					114485	12	1.1
					116537	12	1.4
U17 Excavators	[D902-E]	113921	14	40	113966	12	1.4
U30-5 Excavators	[D1703-M-E]	113921	14	40	113893	12	1.2
U30-6 Excavators	[D1703-M]	113921	14	40	113893	12	1.2
U35-3A Excavators	[D1503-E]	113921	14	40	113893	12	1.2
U35-3a3 Excavators	[D1803-M]	113921	14	40	115322	12	1.4
U35-4 Excavators	[D1703-M]	113921	14	40	113893	12	1.2
U35-6 Excavators	[D1703-M]	113921	14	40	113893	12	1.2
U3552 Excavators	[D1703-M]	113921	14	40	113893	12	1.2



KUBOTA Continued

U40-6 Excavators	[V2607-DI]	114516	14	14			
		116313	14	60			
U45S Excavators	[V2203-M]	113921	14	40		110720	12 1.4
						111197	12 2.0
U48-4 Excavators	[V2607-DI]	114516	14	14			
		116313	14	60			
U55 Excavators	[V2607-DI]	114516	14	14			
		116313	14	60			
U55-6 Excavators	[V2607-DI]	114516	14	14			
		116313	14	60			
Various Models		116314	14	65		115552	12 2.0
		114516	14	14		114674	12 0.6
MOTORS							
Engine 1.9	[V1902]				01.85- 01.03	111197	12 2.0
Engine	[D1302]				01.82-	110245	12 1.7
		01.85- 01.90	111195	14 35	01.85- 01.90	110421	12 0.8
					Denso long type 01.86-	113966	12 1.4
	[D1402]				Denso long type 01.79-	113966	12 1.4
					01.79-	114711	12 2.5
		01.85- 01.90	111195	14 35	01.85- 01.90	110421	12 0.8
	[D850]				01.87-	111021	12 1.4
	[D950]	01.98-	112721	14 55	Denso short type 01.98-	110720	12 1.4
	[F2302]	01.85- 01.93	110137	14 30	01.85- 01.93	110447	12 1.0
	[F2803]				01.85-	115595	12 2.0
	[V1502]	01.86- 01.89	110620	14 35	01.86- 01.89	110356	12 1.4
					Denso long type 07.98-	113966	12 1.4
	[ZB600...]				01.78-	110246	12 1.4
Engine	[D1105]					111021	12 1.4
	[D1105BH]					112547	12 1.4
						116630	12 1.4
	[D905E-BX]					112547	12 1.4
	[D950]		114251	14 60		111197	12 2.0
	[S2600]	01.83-	111195	14 35	Denso short type 01.83-	110720	12 1.4
	[S2800]	01.83-	111195	14 35	01.83-	110421	12 0.8
	[V1405]				04.92-	111622	12 1.2
	[V1505BH]		113856	14 40	Denso short type	110720	12 1.4
						112547	12 1.4
	[V2203]					115595	12 2.0
Various Models		113401	14	40		113204	24 1.4
		113921	14	40		113205	12 0.7
						113551	12 2.2
						113596	12 0.6
		111048	14	40		110940	12 1.4
		112721	14	55		112547	12 1.4
Lada							
PASSENGER CARS EU							
110 1.5 16V	[VAZ-2112]	10.00-	112191	14 80	10.00-	112304	12 1.4
110 2.0 i	[C20XE]	01.96- 12.00	113632	14 85	01.96- 12.00	112304	12 1.4
111 1.5	[VAZ-2111]	10.00-	112191	14 80	10.00-	112304	12 1.4
111 1.5 16V	[VAZ-2112]	10.00-	112191	14 80	10.00-	112304	12 1.4
111 1.6	[VAZ-21114]				01.05-	112304	12 1.4
	[VAZ-21124]				03.06-	112304	12 1.4
112 1.5	[VAZ-2111]				01.95-	112304	12 1.4
112 1.5 16V	[VAZ-2112]	10.00-	112191	14 80	10.00-	112304	12 1.4
1200 1.2	[BA32101]	03.79- 06.86	110350	14 44	03.79- 06.86	110352	12 1.3
1300 1.3	[BA321011]	01.80- 01.87	110348	14 55	01.80- 01.87	110352	12 1.3
		01.80- 01.87	110350	14 44			
	[BA32105]	01.80- 08.84	110350	14 44	01.80- 08.84	110352	12 1.3
1500 1.5	[BA32103]	03.79- 08.84	110350	14 44	03.79- 08.84	110352	12 1.3
		01.80- 10.86	110348	14 55			
1600 1.6	[BA32106]	01.80- 08.84	110348	14 55	01.80- 08.84	110352	12 1.3
		01.80- 08.84	110350	14 44			
Kalina 1.6	[VAZ-11186]				11.13-	112304	12 1.4
	[VAZ-21114, VAZ-21124]				10.04-	112304	12 1.4
Largus 1.6	[VAZ-K4M]	04.16-	116174	14 90	04.16-	113932	12 0.85
		04.16-	116175	14 90			
Largus 1.6	[K4M]	03.12-	116174	14 90	03.12-	113932	12 0.85
		03.12-	116175	14 90			
	[K7M]	03.12-	116174	14 90	03.12-	113932	12 0.85
		03.12-	116175	14 90			
Natasha 1.5	[BA321083]	01.92- 05.04	110348	14 55			
Niva 1.6 1600	[BA32121]	01.87- 03.95	110350	14 44	01.87- 03.95	110352	12 1.3
Niva 1.7 LPG	[BA3 21214]	09.02-	112191	14 80	09.02-	110352	12 1.3
Niva 1.7 4x4	[BA3 21214]	09.10-	112191	14 80			
Niva 1.7 i 1700	[BA321214]	01.93-	112191	14 80	01.93-	110352	12 1.3
Niva 1.7 i 4x4	[BA3 21214]	10.00-	112191	14 80	10.00-	110352	12 1.3
Nova 1.2 1200 Junior	[BA32101]	09.81-	110348	14 55	09.81-	110352	12 1.3
		09.81-	110350	14 44			
Nova 1.3 1300	[BA32105]	09.85- 12.90	110348	14 55	09.85- 12.90	110352	12 1.3
		09.85- 12.90	110350	14 44			
Nova 1.3 1300 Spezial	[BA32105]	05.81-	110348	14 55	05.81-	110352	12 1.3
		05.81-	110350	14 44			
Nova 1.5 1500	[BA32103]	03.85-	110348	14 55	03.85-	110352	12 1.3
		03.85-	110350	14 44			
	[BA321083]	06.89-	110348	14 55	06.89-	110352	12 1.3
		06.89-	110350	14 44			
Nova 1.6 1600	[BA32106]	01.88-	110348	14 55			
		01.88-	110350	14 44			
Nova 1.7 1700	[ECE]	08.94-	110348	14 55	08.94-	110352	12 1.3
Priora 1.8	[21128]				10.14- 08.16	112304	12 1.4
Samara 1.1 1100	[BA321081]	02.88- 12.94	110348	14 55			
Samara 1.1 1100 Forma	[BA321081]	07.91-	110348	14 55			
Samara 1.3 1300	[BA32108]	01.86- 12.94	110348	14 55	01.86- 12.94	112304	12 1.4
	[BA321115]	02.96-	110348	14 55			
Samara 1.3 1300 Forma	[BA32108]	05.89-	110348	14 55			
Samara 1.5	[BA3 21083]	01.86-	110348	14 55			
Samara 1.5 1500	[BA321083]	01.88-	110348	14 55	01.88-	112304	12 1.4
Samara 1.5 1500 Forma	[BA321083]	07.91-	110348	14 55			
Samara Forma 1.5	[VAZ-2111]	08.03-	110348	14 55			
Samara Hatch 1.5		08.03- 12.06	110348	14 55			



Toscana 1.3	[BA32105]	12.85- 12.85-	110348 110350	14 55 14 44	12.85-	110352	12 1.3
Toscana 1.5 1500	[BA32103]	09.83- 02.93 09.83- 02.93	110348 110350	14 55 14 44	09.83- 02.93	110352	12 1.3
Xray 1.6 Cross (GAB11)	[21129]	02.21- 02.21-	116175 116609	14 90 14 125			
Xray Cross 1.6	[H4M]	10.19-	116240	14 125			
Lamborghini							
PASSENGER CARS EU							
Espada 3.9 400 GT					01.68- 12.81	113177	12 1.1 A49
					01.68- 12.81	115329	12 1.2
Gallardo 5.0 Superleggera		03.07- 12.09	115967	14 150	03.07- 12.09	111900	12 1.8
					03.07- 12.09	115503	12 1.8
Jarama 3.9 400 GTS					01.68- 12.76	113177	12 1.1 A49
					01.68- 12.76	115329	12 1.2
PASSENGER CARS US							
Jalpa 3.5		01.87-	112098	14 65			
Jarama 4.0 400 GT					01.71-	113177	12 1.1 A49
					01.71-	115329	12 1.2
Jarama 4.0 400 GTS					01.73-	113177	12 1.1 A49
					01.73-	115329	12 1.2
Urraco 2.5 P250		01.76-	112098	14 65			
MOTORS							
	[1000.3W]	01.87- 12.99	110882	14 45	01.87- 12.99	111001	12 3.0 DD
	[1000.4W]	01.87- 12.99	110882	14 45	01.87- 12.99	111001	12 3.0 DD
					01.87- 12.99	110530	12 3.0
	[1000.6...]	09.90- 12.99	110882	14 45	09.90- 12.99	110530	12 3.0
Lancer Boss							
INDUSTRY							
Various Models					01.92-	110461	12 2.8
					01.92-	110464	12 2.1
Lancia							
PASSENGER CARS EU							
A 112 0.9 Junior	[112A.000]	03.81- 06.86	111078	14 45	01.81- 06.86	110365	12 0.8
					03.81- 06.86	110814	12 2.7
					03.81- 06.86	111585	12 0.8
	[112A5.000]	03.81- 06.86	111078	14 45	01.81- 06.86	110365	12 0.8
					03.81- 06.86	110814	12 2.7
					03.81- 06.86	111585	12 0.8
	[112B2.000]	03.81- 06.86	111078	14 45	03.81- 06.86	110814	12 2.7
					03.81- 06.86	111585	12 0.8
A 112 1.0 Abarth	[A112A.2000]	03.78- 02.84	111078	14 45	03.78- 02.84	110365	12 0.8
A 112 1.0 LX	[A112B1.000]				03.84- 12.86	110365	12 0.8
Ardea Berlina 0.9	[A112A.000]				11.88-	111865	12 1.7
Beta 1.3		04.76- 07.82	110912	14 55			
Beta 1.4	[828A2.000]	08.73- 07.76	110912	14 55			
Beta 1.6 Spider	[828B.000]	01.73- 12.84	110912	14 55			
Beta 1.8	[828A1.000]	08.73- 12.84	110912	14 55			
Beta 2.0	[828B1.000]	01.73- 07.78	110912	14 55			
Beta 2.0 i.e. HPE	[828B4.000]	05.81- 09.84	110912	14 55			
Dedra 1.6	[159B9.000]	AC 10.94- 07.99	112780	14 90			
Dedra 1.6 LE	[159B9.000]	AC 07.94- 04.98	112780	14 90			
Dedra 1.6 16V	[182A4.000]	02.96-	111689	14 65			
Dedra 1.6 i.e.	[835A1.046]	AC 08.89- 03.93	112780	14 90			
	[835C1.000]	AC 04.93- 12.99	112780	14 90			
Dedra 1.8 16V GT	[183A1.000]	03.96- 07.99	113939	14 100			
Dedra 1.8 16V LE	[182A2.000]	03.96- 07.99	113939	14 100			
Dedra 1.8 i.e.	[835A2.000]	01.89- 06.94	111620	14 65	01.89- 06.94	111685	12 1.4
	[835A2.046]	09.89- 10.94	111620	14 65			
	[836A5.000]	07.94- 07.99	111620	14 65	07.94- 07.99	112124	12 0.9
Dedra 1.8 i.e. LE	[835C5.000]	08.93- 07.94	111620	14 65	08.93- 07.94	112124	12 0.9
Dedra 1.9 TDS	[160D1.000]	07.94- 07.99	112688	14 95			
	[835A4.000]	04.89- 10.94	112688	14 95			
	[835A4.046]	04.89- 07.99	111620	14 65	04.89- 07.99	112124	12 0.9
Dedra 2.0 4WD Integrale	[836A3.000]	07.94- 07.99	111620	14 65			
Dedra 2.0 HF Integrale	[835A7.000]	06.90-	111620	14 65			
	[835A7.046]	04.91-	111620	14 65			
Dedra 2.0 16V	[836A3.000]	07.94- 07.99	111620	14 65			
Dedra 2.0 i.e. Turbo	[835A8.046]	08.89-	111620	14 65			
Dedra 2.0 i.e.	[835A5.000]	09.89- 07.92	111620	14 65	09.89- 07.92	111685	12 1.4
	[835A5.046]	09.89- 10.99	111620	14 65			
Dedra 2.0 i.e. Integrale	[835A7.000]	05.90- 07.94	111620	14 65	05.90- 07.94	111685	12 1.4
Dedra 2.0 Turbo	[835A8.000]	01.89- 06.94	111620	14 65	01.89- 06.94	111685	12 1.4
Delta 1.1	[831B8.000]	01.86- 12.90	111035	14 65	01.86- 12.90	113931	12 1.7
Delta 1.3	[831A2.000]	09.79- 08.92	111035	14 65	09.79- 08.92	112124	12 0.9
	[831B.000]	09.79- 08.92	111035	14 65	09.79- 08.92	112124	12 0.9
					05.86- 08.92	113931	12 1.7
Delta 1.4	[198A1.000]	09.08-	114806	14 120			
		09.08-	115874	14 120 A49			
	[198A4.000]	09.08-	114806	14 120			
		09.08-	115874	14 120 A49			
Delta 1.4 16V	[198A7.000]	07.10-	114806	14 120			
		07.10-	115874	14 120 A49			
Delta 1.4 i.e.	[160A1.046]	01.93- 04.94	111035	14 65	01.93- 04.94	113962	12 0.9
		AC 01.93- 04.94	112780	14 90			
	[836A4.000]	AC 04.94- 12.99	112780	14 90			
Delta 1.5	[831A1.000]	09.79- 12.92	111035	14 65	09.79- 12.92	111685	12 1.4
		09.79- 12.92	111148	14 65	09.79- 12.92	112124	12 0.9
	[831B1.000]	09.79- 12.92	111035	14 65	09.79- 12.92	113962	12 0.9
		09.79- 12.92	111148	14 65	09.79- 12.92	112124	12 0.9
Delta 1.6 Multijet	[198A2.000]	09.08-	113996	14 140			
		09.08-	114493	14 100			
		09.08-	115429	14 120			
	[944A3.000]	04.11-	114493	14 100			
		04.11-	115429	14 120			
	[955A4.000]	08.08-	114493	14 100			
		08.08-	115429	14 120			
Delta 1.6 GT	[831A4.000]	11.82- 04.86	110912	14 55	11.82- 04.86	110814	12 2.7
		11.82- 04.86	111620	14 65	11.82- 04.86	116045	12 1.4
Delta 1.6 i.e.	[835C1.000]	AC 06.93- 12.99	112780	14 90			



LANCIA Continued

Delta 1.6 i.e. GT Super	[149C2.000]	05.87- 08.92	110882	14 45		05.87- 08.92	110814	12 2.7
Delta 1.6 i.e. LE	[182A4.000]	01.96- 08.99	111689	14 65				
	[182A6.000]	03.96- 08.99	111689	14 65				
Delta 1.8 i.e.	[835C2.000]	06.93- 12.95	111620	14 65		06.93- 12.95	113931	12 1.7
	[835C4.000]	01.93-	111620	14 65		A25 01.93-	115312	12 1.1
	[836A6.000]	01.93-	111620	14 65		01.93-	116045	12 1.4
	[836C4.000]	01.93-	111620	14 65		01.93-	116045	12 1.4
Delta 1.8 i.e. LE	[182A2.000]	03.96- 08.99	113939	14 100				
Delta 1.9 Multijet	[844A1.000]	01.09-	113996	14 140				
		01.09-	114493	14 100				
		01.09-	115429	14 120				
Delta 1.9 TD	[160D1.000]	10.94- 08.99	111620	14 65		10.94- 08.99	113931	12 1.7
		10.95-	112688	14 95				
	[835A4.000]	10.94- 08.99	111620	14 65		10.94- 08.99	116045	12 1.4
		10.94- 10.95	112688	14 95				
Delta 2.0 Multijet	[198A5.000]	09.08-	113996	14 140				
		09.08-	114493	14 100				
		09.08-	115429	14 120				
	[198A8.000]	09.08-	113996	14 140				
		09.08-	114493	14 100				
		09.08-	115429	14 120				
	[844A2.000]	09.08-	114493	14 100				
		09.08-	115429	14 120				
Delta 2.0 HF Integrale 4WD	[831C5.000]	10.87- 12.91	110882	14 45		10.87- 12.91	110814	12 2.7
	[831C5.046]	03.89- 12.92	111620	14 65		03.89- 12.92	116045	12 1.4
Delta 2.0 16V	[836A3.000]	06.93- 12.99	111620	14 65				
Delta 2.0 16V HF Integrale 4WD	[831E5.000]	06.93- 01.94	111620	14 65				
	[831E5.046]	06.93- 01.94	111620	14 65		06.93- 01.94	116045	12 1.4
Delta 2.0 Turbo 16V	[836A2.000]	06.93- 12.99	111620	14 65				
Delta 2.0 Turbo 16V HPE	[175A4.000]	01.93- 12.99	111620	14 65		01.93- 12.99	116045	12 1.4
Delta Iii 1.4 BiFuel	[198A4.000]	07.11-	114806	14 120		07.11-	113962	12 0.9
		07.11-	115874	14 120	A49			
Gamma 2.5	[830A.000]	08.81- 02.82	113376	14 55				
	[830A4.000]	08.81- 02.82	113376	14 55				
Kappa 2.0 20V	[838A1.000]	10.94- 10.01	113942	14 100		Chas. 2076973-	10.94- 10.01	111685
Kappa 2.0 20V LE	[838A6.000]	07.96- 10.01	113942	14 100			07.96- 10.01	111685
Kappa 2.0 Turbo 16V	[838A4.000]	07.96- 10.01	113942	14 100				
Kappa 2.4 TD	[838A3.000]	01.94- 01.01	113336	14 120		Chas. 2076973-	01.94- 01.01	111685
		08.94- 10.01	113942	14 100				
		07.96- 10.01	113972	14 100				
	[838A7.000]	08.94- 10.01	113942	14 100		Chas. 2076973-	08.94- 10.01	111685
Kappa 2.4 20V	[838A2.000]	08.94- 10.01	113942	14 100		Chas. 2076973-	08.94- 10.01	111685
	[838A2.027]	08.94- 10.01	113942	14 100		Chas. 2076973-	08.94- 10.01	111685
Lybra 1.6 16V	[182A4.000]	AC 07.99-	112190	14 90		07.99-	112445	12 1.1
Lybra 1.8 16V	[839A4.000]	07.99-	113942	14 100		07.99-	113430	12 1.8
	[839A7.000]	07.99-	113942	14 100		07.99-	113430	12 1.8
	[839A9.000]	07.99-	113942	14 100		07.99-	113430	12 1.8
Lybra 1.9 JTD	[937A2.000]	05.01-	113943	14 100		05.01-	116336	12 1.1
		AC 05.01-	113336	14 120		05.01-	111685	12 1.4
	[AR32302]	07.99-	113336	14 120		07.99-	111685	12 1.4
		07.99- 09.00	113939	14 100		07.99- 09.00	113430	12 1.8
		07.99- 09.00	113942	14 100		07.99- 09.00	114035	12 1.3
		07.99- 09.00	113943	14 100				
	[AR37101]	09.00-	113336	14 120		09.00-	113430	12 1.8
		09.00- 05.01	113943	14 100				
Lybra 1.9 JTD SW	[AR37101]	09.00-	113336	14 120		09.00-	111685	12 1.4
		09.00- 05.01	113943	14 100		09.00- 05.01	116336	12 1.1
Lybra 2.4 JTD	[839A5.000]	10.99- 09.00	113336	14 120		10.99- 09.00	111685	12 1.4
	[839A6.000]	09.00-	113336	14 120		09.00-	111685	12 1.4
	[841C.000]	06.02-	113336	14 120		06.02-	113430	12 1.8
	[AR32501]	10.99- 09.00	113336	14 120		10.99- 09.00	111685	12 1.4
						10.99- 09.00	113430	12 1.8
Lybra 2.4 JTD SW	[839A6.000]	09.00-	113336	14 120		09.00-	113430	12 1.8
Musa 1.3 Multijet	[188A9.000]	10.04-	113721	14 75	A49	10.04-	113962	12 0.9
		10.04-	114451	14 105		A25 10.04-	115399	12 1.4
		10.04-	116330	14 75				
		AC 10.04-	113722	14 90	A49			
		AC 10.04-	115963	14 90				
	[199A3.000]	10.04-	113721	14 75	A49	10.04-	113962	12 0.9
		09.06-	116330	14 75		09.06-	113843	12 1.1
		AC 09.06-	113722	14 90	A49	A25 09.06-	115399	12 1.4
		AC 09.06-	114451	14 105				
		AC 09.06-	115963	14 90				
	[199B1.000]	03.09-	113722	14 90	A49	03.09-	113931	12 1.7
		03.09-	115308	14 120				
		03.09-	115963	14 90				
Musa 1.4	[350A1.000]	09.05-	113718	14 70		09.05-	113962	12 0.9
	[843A1.000]	09.05-	113718	14 70		09.05-	113719	12 1.3
Musa 1.6 Multijet	[350A2.000]	07.08-	114493	14 100		07.08-	115399	12 1.4
						07.08-	115869	12 1.3
	[350A3.000]	07.08-	114493	14 100		A25 07.08-	115400	12 1.4
Musa 1.9 Multijet	[188B2.000]	10.04-	113336	14 120		10.04-	113719	12 1.3
		10.04-	113943	14 100		10.04-	113931	12 1.7
		10.04-	114494	14 90		10.04-	115869	12 1.3
Phedra 2.0 JTD	[RHK (DW10UTED4)]	06.06-	113640	14 150		06.06-	114854	12 2.5
	[RHM (DW10ATED4)]	07.03-	112461	14 150		07.03-	111070	12 1.7
	[RHW (DW10ATED4)]	09.02-	112461	14 150		09.02-	111070	12 1.7
Phedra 2.0 Multijet	[RHR (DW10BTED4)]	07.06-	113640	14 150		07.06-	114854	12 2.5
Phedra 2.0	[RFN (EW10J4)]		113755	14 150			114460	12 1.4
Phedra 2.2 JTD	[4HP]	04.06-	113640	14 150		04.06-	114460	12 1.4
		04.06-	114859	14 180		04.06-	114126	12 2.3
	[4HR]	04.06-	113640	14 150		04.06-	114854	12 2.5
		04.06-	114859	14 180		04.06-	114126	12 2.3
	[4HW (DW12ATED4)]	09.02-	112461	14 150		09.02-	111070	12 1.7
		09.02-	113640	14 150				
Phedra 2.2 Multijet	[4HS]	03.08-	113640	14 150		03.08-	114854	12 2.5
		03.08-	114859	14 180		03.08-	114460	12 1.4
	[4HT]	03.08-	113640	14 150		03.08-	114460	12 1.4
		03.08-	114859	14 180		03.08-	116634	12 1.1
Phedra 3.0 V6	[ES9J4S]						115354	12 1.3



Prisma 1.3	[831.A2.]	05.86- 12.89	111035	14	65				
Prisma 1.5	[138C2.048]	12.82- 02.92	111035	14	65				
		09.85- 02.92	111148	14	65				
	[831A1.000]	12.82- 04.86	111148	14	65				
	[831B1.000]	05.86- 12.89	111035	14	65				
		05.86- 12.89	111148	14	65				
	[831B1.048]	05.86- 12.89	111035	14	65				
		05.86- 12.89	111148	14	65				
Prisma 1.6	[831A4.000]	12.82- 04.86	110912	14	55				
		12.82- 04.86	111148	14	65				
Prisma 1.9 Diesel	[831D.000]	01.83- 02.92	116331	14	55				
		06.84- 12.89	110912	14	55				
		06.84- 07.87	112719	14	55	A49			
		06.84- 12.89	113187	14	85				
		06.84- 12.89	111620	14	65				
Prisma 1.9 TD	[831D1.000]	05.85- 12.89	113187	14	85				
Thema 2.0 i.e. 16V	[834B2.000]	05.88- 08.92	111620	14	65	05.88- 08.92	116082	12	1.7
		05.88- 08.92	112453	14	85	05.89- 08.92	110814	12	2.7
	[834B2.246]	02.89- 05.92	111620	14	65				
Thema 2.0 i.e. Turbo 16V	[834C1.000]	12.88- 06.90	111620	14	65	12.88- 06.90	116082	12	1.7
		12.88- 06.90	112453	14	85				
	[834C1.246]	11.84- 05.92	111620	14	65				
Thema 2.0 i.e. Turbo	[834B2.246]	02.89- 05.92	111620	14	65				
		02.89- 05.92	112453	14	85				
	[834C.000]	11.84- 05.90	111620	14	65				
		11.84- 09.88	112453	14	85				
	[834C.146]	07.86- 05.90	111620	14	65				
		07.86- 05.90	112453	14	85				
Thema 2.0 i.e.	[834B.000]	11.84- 09.91	111620	14	65	11.84- 09.91	110814	12	2.7
		11.84- 09.88	112453	14	85				
	[834B.048]	03.86- 09.88	111620	14	65				
	[834B.146]	09.87- 09.88	111620	14	65				
	[834B1.000]	09.88- 05.92	111620	14	65	09.88- 05.92	110814	12	2.7
Thema 2.0 Turbo 16V	[834C.1000]	06.88- 12.92	111620	14	65				
	[834C.146]	06.88- 05.90	112453	14	85				
	[834C1.246]	04.89- 05.92	111620	14	65				
Thema 2.5 TD	[8144.91]	11.84- 09.88	111686	14	65				
		11.84- 09.88	112453	14	85				
	[8144.97]	06.88- 05.92	111686	14	65				
		06.88- 05.92	112453	14	85				
	[8144.975]	05.88- 07.92	111686	14	65				
		05.88- 07.92	112453	14	85				
	[8144.97Y]	05.92- 11.94	112453	14	85				
Thema 2.5 TDS	[8144.97]	06.88- 05.92	111686	14	65				
		06.88- 05.92	112453	14	85				
	[8144.975]	05.92- 11.94	112453	14	85				
Thema 2.8 i.e. V6	[834E.000]	11.84- 09.88	112453	14	85				
	[834E.146]	06.88- 05.92	112453	14	85				
Thema 2.9	[F105L]	09.87- 05.89	112453	14	85				
	[F105L.046]	10.87- 05.92	112453	14	85				
Thema 3.0 V6 CRD	[EXF]	09.11-	115749	14	220				
Thesis 2.4 JTD	[841C.000]					04.02-	113430	12	1.8
		07.02-	113987	14	140	07.02-	111685	12	1.4
	[841G.000]	05.03-	113987	14	140	05.03-	111685	12	1.4
	[841M.000]	09.03- 07.09	113987	14	140	09.03- 07.09	113430	12	1.8
	[841N.000]	09.03- 07.09	113987	14	140	09.03- 07.09	113430	12	1.8
Thesis 2.4 Multijet	[841P.000]	04.06-	113987	14	140	04.06-	111685	12	1.4
Trevi 1.6	[828B.000]	05.80- 05.85	110912	14	55				
Trevi 2.0 Iniezione	[828B4.000]	05.80- 09.84	110912	14	55				
Voyager 3.6 V6 VVT	[ERB]	09.11-	116599	14	150				
Y 1.1	[176B2.000]	11.95- 06.00	111411	14	75	11.95- 06.00	111422	12	0.8
		11.95- 06.00	111505	14	75				
Y 1.2	[188A4.000]	03.96- 09.03	113718	14	70				
		03.96- 09.03	115664	14	75				
		03.96- 09.03	115665	14	75				
	[840A3.000]	03.96-	111411	14	75	03.96-	111422	12	0.8
		03.96- 09.03	113718	14	70	03.96-	112382	12	0.8
		03.96- 09.03	115664	14	75				
		03.96- 09.03	115665	14	75				
		PS 03.96-	113537	14	65				
		ACPS 03.96-	111505	14	75				
Y 1.2 16V	[176B9.000]	04.97- 09.03	115476	14	85				
	[188A5.000]	10.00- 09.03	113718	14	70				
		10.00-	113535	14	85				
Y 1.4 12V	[840A2.000]	01.96- 06.00	111413	14	90	01.96- 06.00	112382	12	0.8
	[840A4.000]	03.96-	111413	14	90	03.96-	111422	12	0.8
		03.96- 09.03	113536	14	90				
Y10 1.0 Fire	[156A2.000]	03.85- 06.89	111036	14	45	03.85- 06.89	111025	12	0.8
	[156A2.100]	03.89- 06.91	111036	14	45	03.89- 06.91	111025	12	0.8
	[156A2.246]	10.87- 02.92	111036	14	45	10.87- 02.92	111025	12	0.8
Y10 1.0 Fire 4WD	[156A2.000]	Eng. -10058448 09.86- 02.89	111036	14	45	09.86- 02.89	111025	12	0.8
	[156A2.100]	03.89- 06.91	111036	14	45	03.89- 06.91	111025	12	0.8
	[156A2.246]	Eng. -10058448 12.87- 02.92	111036	14	45	12.87- 02.92	111025	12	0.8
Y10 1.0 Turbo	[156A1.000]	03.85- 02.89	111035	14	65	03.85- 02.89	111025	12	0.8
Y10 1.1 Avenue	[176B2.000]	01.95- 12.95	111036	14	45	01.95- 12.95	111025	12	0.8
		01.95- 12.95	113471	14	65	01.95- 12.95	112124	12	0.9
Y10 1.1 Avenue 4WD	[176B2.000]	01.95- 12.95	111036	14	45	01.95- 12.95	111025	12	0.8
		01.95- 12.95	113471	14	65	01.95- 12.95	111422	12	0.8
Y10 1.1 i.e. Fire	[156C.046]	07.89-	113471	14	65	07.89-	111422	12	0.8
		07.89- 09.95	113533	14	65				
Y10 1.3 i.e. Fire	[146A5.046]	11.87-	111148	14	65	11.87-	111025	12	0.8
	[156B.000]	11.87-	111148	14	65	11.87-	111025	12	0.8
Ypsilon 0.9 Twinair	[312A2.000]	05.11-	114806	14	120	05.11-	115869	12	1.3 A49
		05.11-	115457	14	120				
		05.11-	115874	14	120	A49			
Ypsilon 0.9 Twinair	[312A2.000]	12.13-	114806	14	120				
		12.13-	115457	14	120				
		12.13-	115874	14	120	A49			

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.


LANCIA Continued

Ypsilon 0.9 CNG	[312A2.000]	05.11- 05.11- 05.11-	114806 115457 115874	14 120 14 120 14 120 A49	05.11-	115828	12 1.4
Ypsilon 0.9 CNG	[312A5.000]	01.14- 01.14-	114806 115874	14 120 14 120			
Ypsilon 1.2 BiFuel	[169A4.000]	05.11- 05.11-	113535 113718	14 85 14 70	05.11-	113962	12 0.9
Ypsilon 1.2 Bifuel	[169A4.000]	05.11- 05.11- 05.11- 05.11-	113535 113718 114706 115620	14 85 14 70 14 120 14 105	05.11- 05.11-	113962 115869	12 0.9 12 1.3 A49
Ypsilon 1.2	[188A4.000]	10.03- AC 06.03-	114899 113535	14 70 14 85	06.03-	113719	12 1.3
	[188A5.000]	10.03- AC 10.03-	114899 113535	14 70 14 85	10.03-	113719	12 1.3
Ypsilon 1.3 JTD	[188A9.000]	10.03- 10.03- AC 10.03- AC 10.03-	113721 116330 113722 115963	14 75 A49 14 75 14 90 A49 14 90	10.03- 10.03-	115400 116024	12 1.4 12 1.1
Ypsilon 1.3 Multijet	[199A2.000]	09.06- 09.06- 09.06- 09.06- AC 09.06- AC 09.06-	113720 113721 116064 116330 113722 115963	14 75 A49 14 75 A49 14 75 14 75 14 90 A49 14 90	09.06- 09.06- 09.06-	113962 115312 116024	12 0.9 12 1.1 12 1.1
	[199A3.000]	09.06- 09.06- 09.06- 09.06- AC 09.06- AC 09.06-	113720 113721 116064 116330 113722 115963	14 75 A49 14 75 A49 14 75 14 75 14 90 A49 14 90	A25 09.06- 09.06-	113962 115312 116024	12 0.9 12 1.1 12 1.1
	[199B1.000]	05.11-	115852	14 105			
Ypsilon 1.4 LPG	[350A1.000]	11.10-	114462	14 70	11.10-	115869	12 1.3 A49
Ypsilon 1.4	[350A1.000]	02.06-	114462	14 70	02.06-	116024	12 1.1
	[843A1.000]	AC 10.03-	113535	14 85	10.03-	113719	12 1.3
Zeta 2.0 JTD	[RHW (DW10ATED4)]	04.01- 10.03 04.01- 10.03 04.01- 10.03	112460 112480 113503	14 150 14 90 14 120	04.01- 10.03	111070	12 1.7
Zeta 2.0 16V	[RFN (EW10J4)]	07.00- 09.02	111318	14 80	07.00- 09.02	111070	12 1.7
	[RFV (XU10J4R)]	06.99- 10.00	111318	14 80	06.99- 10.00	111130	12 1.1
Zeta 2.0 Turbo	[RGX (XU10J2TE)]	05.95- 11.96 05.95- 09.02 02.97- 06.99	112772 113604 111318	14 120 14 95 14 80	05.95- 11.96 02.97- 06.99	114460 111130	12 1.4 12 1.1
Zeta 2.1 TD	[P8C]	05.96-	113485	14 80	05.96-	116634	12 1.1
PASSENGER CARS US							
Beta 1.8		01.76- 01.78	110912	14 55			
Beta 1.8 HPE		01.76- 01.78	110912	14 55			
Beta 2.0		01.79- 01.79	110912	14 55			
Beta 2.0 HPE		01.79- 01.79	110912	14 55			
Zagato 2.0		01.81- 01.82	110912	14 55			
Land Rover							
PASSENGER CARS EU							
109 2.25 Diesel					01.69- 01.85	110440	12 2.1
110 2.25 Diesel					01.83- 01.84	110440	12 2.1
110/127 2.3 4X4	[10H]				06.84- 08.87	110354	12 3.1
					06.84- 08.87	110441	12 2.1
					06.84- 08.87	111865	12 1.7
					06.84- 08.87	112439	12 2.2
88/109 2.3 Diesel 4X4	[10J,23J]	11.71- 10.85	110178	14 36			
	[23J,10J]	11.71- 12.86	110178	14 36			
88/109 2.3 4X4	[10H,11H,23B]	11.71- 10.85	110178	14 36	11.71- 10.85	111865	12 1.7
	[11H,23B,10H]	11.71- 12.86	110178	14 36	11.71- 12.86	111865	12 1.7
88/109 2.6 4X4		11.71- 12.85	110178	14 36			
Defender 2.2 Diesel	[ZSD422]				08.11-	113959	12 2.0
					08.11-	115510	12 2.0 A49
Defender 2.2 Diesel TD4	[ZSD422]				08.11-	113959	12 2.0
					08.11-	115510	12 2.0 A49
Defender 2.2 Diesel Td4 4x4	[DT224]				02.15-	113959	12 2.0
					02.15-	115510	12 2.0 A49
Defender 2.4 TD TD4	[244DT]	05.07-	114064	14 150	05.07- 05.07- 05.07-	112439 113959 115510	12 2.2 12 2.0 12 2.0 A49
Defender 2.4 TDI 4x4	[DT244]	07.07- 02.16	114064	14 150	07.07- 02.16 07.07- 02.16	112439 113959	12 2.2 12 2.0
Defender 2.5 4WD	[10P]	06.98-	114300	14 120	06.98-	112439	12 2.2
	[15P]	06.98-	114300	14 120	06.98-	113662	12 2.0
Defender 2.5 TD5 4WD	[10P]	06.98-	114300	14 120	06.98-	111865	12 1.7
					06.98-	113662	12 2.0
	[14P]	06.98-	114300	14 120	06.98-	111865	12 1.7
					06.98-	113662	12 2.0
	[15P]	06.98-	114300	14 120	06.98-	113662	12 2.0
Defender 2.5 TDi 90	[11L]	09.90- 09.90-	111176 111289	14 75 A47 14 70	09.90- 09.90-	110354 112439	12 3.1 12 2.2
	[16L]	09.90- 09.90-	111176 111289	14 75 A47 14 70	09.90- 09.90-	110354 112439	12 3.1 12 2.2
	[23L]	09.90- 10.95-	111176 111289	14 75 A47 14 70	09.90- 10.95-	110441 110354	12 2.1 12 3.1
Defender 2.5 TDi 90 110	[11L]	09.90- 12.98 09.90- 12.98	111176 111289	14 75 A47 14 70	09.90- 12.98 09.90- 12.98	110354 112439	12 3.1 12 2.2
	[16L]	09.90- 12.98 09.90- 12.98	111176 111289	14 75 A47 14 70	09.90- 12.98 09.90- 12.98	110354 112439	12 3.1 12 2.2
	[23L]	09.90- 10.95-	111176 111289	14 75 A47 14 70	09.90- 10.95-	110441 110354	12 2.1 12 3.1
Defender 3.5 V8		08.90- 12.98 01.80- 01.85	110891 110969	14 70 A47 14 65	08.90- 12.98	110441	12 2.1
		08.90- 12.98	111366	14 45	08.90- 12.98	112439	12 2.2
Discovery 2.5 TD	[15 P]	01.99-	114300	14 120	01.99-	112439	12 2.2
Discovery 2.5 TDI	[12L]	01.96-	112021	14 100	01.96-	110354	12 3.1
	[17L]	10.89- 10.98	112021	14 100	10.89- 10.98	110354	12 3.1
	[19L]	10.89- 10.98	112021	14 100	10.89- 10.98	112439	12 2.2



	[21L]	10.89- 10.98	112021	14	100		10.89- 10.98	110354	12	3.1
Discovery 2.7 TD	[276DT]	10.04-	114704	14	150		10.04-	112439	12	2.2
							10.04-	115642	12	2.0
Discovery 2.7 TD TDV6	[276DT]	09.09-	116663	14	150		09.09-	116286	12	2.0
							09.09-	115642	12	2.0
Discovery 2.7 TDI 4x4	[276DT]	01.07- 07.09	114704	14	150		01.07- 07.09	111865	12	1.7
							01.07- 07.09	115642	12	2.0
Discovery 3.0 Diesel Sdv6 4x4	[306DT]	09.18-	116639	14	180		09.18-	116286	12	2.0
Discovery 3.0 Diesel Td6 4x4	[306DT]	09.16-	116639	14	180		09.16-	116286	12	2.0
Discovery 3.0 SDV6	[30DDTX]	11.09-	116007	14	150		11.09-	111865	12	1.7
Discovery 3.0 TD	[306DT]	09.09-	116007	14	150		09.09-	111865	12	1.7
Discovery 3.0 TD TDV6	[306DT]	05.10-	116007	14	150		05.10-	111865	12	1.7
	[30DDTX]	05.10-	116007	14	150		05.10-	113662	12	2.0
Discovery 3.0 TDI 4x4	[306DT]	01.11- 12.17	116007	14	150		01.11- 12.17	116286	12	2.0
Discovery 3.5	[22D]	09.89- 06.94	110891	14	70 A47		09.89- 06.94	110354	12	3.1
Discovery 4.4	[448PN]	10.04-	114491	14	150		10.04-	112439	12	2.2
							10.04-	115822	12	1.8
Discovery I 3.9 4x4	[37L]	09.93- 10.98	110891	14	70		09.93- 10.98	111865	12	1.7
		09.93- 10.98	111740	14	70					
		09.93- 10.98	113763	14	85					
Discovery II 2.5 4x4	[10P]	11.98- 06.04	114300	14	120		11.98- 06.04	112439	12	2.2
							11.98- 06.04	113662	12	2.0
Discovery Sport 2.2 Diesel 4WD	[224DT]	09.14-	116408	14	210		09.14-	115468	12	2.0
						AT and Start/Stop	12.14-	116246	12	1.9
Freelander 2.0 Diesel Di	[20T2N]	09.97- 09.03	114386	14	90		09.97- 09.03	115725	12	2.0
							02.98-	115950	12	2.0
Freelander 2.0 TD4	[204D3]	11.00-	112462	14	120		11.00-	113601	12	1.0
		11.00-	112472	14	100		11.00-	113965	12	2.0
		11.00-	113881	14	150		11.00-	113928	12	1.7
	[M47]	11.00-	112462	14	120		11.00-	113965	12	2.0
		11.00-	112472	14	100		11.00-	113928	12	1.7
		11.00-	113881	14	150		11.00-	115943	12	1.1
Freelander 2.0 TD4 4x4	[204D3]	11.01-	112462	14	120		11.01-	113601	12	1.0
		11.01-	112472	14	100		11.01-	113965	12	2.0
		11.01-	113881	14	150		11.01-	115468	12	2.0
Freelander 2.2 Diesel	[224DT]	02.06-	115544	14	150		02.06-	115725	12	2.0
		02.06-	115671	14	180					
Freelander 2.2 Diesel SD4	[224DT]	08.10-	115544	14	150					
		08.10-	115671	14	180					
Freelander 2.2 Diesel TD4	[224DT]	08.10-	115544	14	150					
		08.10-	115671	14	180					
	[DW12BTED4]	08.10-	115544	14	150		08.10-	115725	12	2.0
		08.10-	115671	14	180					
Freelander 2.2 Diesel TD4 4x4	[224DT]	10.06-	115544	14	150					
		10.06-	115671	14	180					
	[DW12BTED4]	10.06-	115544	14	150					
Freelander 2.2 TD4	[224DT]	01.07-	115671	14	180					
Freelander 2.2 TDI 4x4	[224DT]	10.06- 10.14	115544	14	150					
		A22 10.06- 10.14	115671	14	180					
Freelander 2.5 V6	[25K4F]	11.00-	114386	14	90		11.00-	115725	12	2.0
Freelander 3.2	[B6324S]	02.06-	115966	14	150					
Freelander Soft Top 2.5 V6 4x4	[25K4F]						11.00- 10.06	115950	12	2.0
		AC 11.00- 10.06	114386	14	90		11.00- 10.06	113928	12	1.7
Land Rover 2.5 TD	[19J]	09.86- 07.90	111289	14	70					
		09.86- 07.90	111366	14	45					
Land Rover 2.5	[17H]	09.85- 07.90	111185	14	43 A47		09.85- 07.90	112439	12	2.2
		01.87- 07.90	111289	14	70					
Land Rover 3.5 V8	[15G]	01.80- 01.85	110969	14	65		01.80- 01.85	110441	12	2.1
		01.93- 12.98	113763	14	85					
Range 3.0 TD 4x4	[306DT]	10.13-	116639	14	180					
Range 3.0 TD 4x4	[306DT]	10.13-	116639	14	180					
Range 4.2 4x4	[428PS]	01.06- 02.10	114491	14	150		01.06- 02.10	115822	12	1.8
Range Rover 2.4 Diesel	[11A]	04.86- 12.90	111176	14	75 A47		04.86- 12.90	111865	12	1.7
Range Rover 2.4 TD 4x4	[11A]	04.86- 07.94	112021	14	100		04.86- 07.94	111865	12	1.7
Range Rover 2.5 Diesel	[256T]	07.94-	112021	14	100		07.94-	111865	12	1.7
Range Rover 2.7 TDVM Sport	[276DT]	02.05-	114704	14	150					
		02.05-	115930	14	150					
Range Rover 3.0 TD V6	[30DDTX]	05.10-	116007	14	150					
Range Rover 3.0 TD	[306DT]	06.12-	116639	14	180					
	[30DDTX]	09.09-	116007	14	150					
Range Rover 3.0 TD Hybrid 4x4	[306DT]	06.15-	116639	14	180					
Range Rover 3.5	[31D]	01.87- 09.90	110891	14	70 A47		01.87- 09.90	112439	12	2.2
		01.87- 09.90	111362	14	55		01.87- 09.90	111865	12	1.7
		01.87- 09.90	112238	14	65					
	[V8]	07.70- 01.76	110179	14	36		07.70- 01.76	110441	12	2.1
		01.72- 01.79	111184	14	43		01.72- 01.79	111865	12	1.7
Range Rover 3.5 Vogue	[11D]	08.81- 09.90	110891	14	70 A47		08.81- 09.90	112533	12	2.2
		08.81- 09.90	111362	14	55		08.81- 09.90	111865	12	1.7
		08.81- 09.90	112238	14	65					
	[24D]	10.85- 09.90	110891	14	70 A47		10.85- 09.90	111865	12	1.7
		10.85- 09.90	111362	14	55					
	[25D]	10.85- 09.90	110891	14	70 A47		10.85- 09.90	111865	12	1.7
		10.85- 09.90	111362	14	55					
Range Rover 3.6 TD8	[368DT]	04.06-	113990	14	150					
		04.06-	116318	14	150					
Range Rover 3.9	[37D]	11.88- 07.94	113763	14	85		11.88- 07.94	115982	12	2.7
	[38D]	11.88- 07.94	113763	14	85		11.88- 07.94	115982	12	2.7
	[42D]	07.94- 03.02	113763	14	85					
		07.94- 03.02	114452	14	150					
Range Rover 3.9 Vogue SEI	[35D]	11.88- 07.94	113763	14	85		11.88- 07.94	115822	12	1.8
	[36D]	11.88- 07.94	113763	14	85		11.88- 07.94	115642	12	2.0
Range Rover 4.0	[42D]	06.98- 03.02	114452	14	150					
Range Rover 4.2	[428PS]	05.05-	114491	14	150					
Range Rover 4.2 Sport	[428PS]	02.05-	114491	14	150					
Range Rover 4.3 Vogue LSE	[40D]	09.92- 07.94	111740	14	70		09.92- 07.94	111865	12	1.7
		09.92- 07.94	113763	14	85					
Range Rover 4.4 TD V8	[448DT]	07.10- 08.12	116671	14	220					
Range Rover 4.4	[448PN]	05.05-	112426	14	150		05.05-	115982	12	2.7
	[M62B44]	03.02-	112426	14	150		03.02-	113446	12	2.2
Range Rover 4.4 Sport	[448PN]	02.05-	114491	14	150					


LAND ROVER Continued

Range Rover 4.6	[46D]	07.94- 03.02	114452	14	150				
	[60D]	06.98- 03.02	114452	14	150				
Range Rover Evoque 2.2 ED4	[224DT]	06.11- 116408	14	210		06.11- 115468	12	2.0	
		06.11- 116597	14	180		AT 06.11- 116246	12	1.9	
Range Rover Evoque 2.2 SD4	[224DT]	06.11- 116408	14	210		AT 06.11- 115468	12	2.0	
		06.11- 116597	14	180		AT and Start/Stop 06.11- 116246	12	1.9	
Range Rover Evoque 2.2 Diesel	[224DT]	05.15- 12.19	116408	14	210	AT 05.15- 12.19	115468	12	2.0
		05.15- 12.19	116597	14	180	05.15- 12.19	115725	12	2.0
Range Rover Evoque 2.2 Diesel 4x4	[224DT]	05.15- 12.19	116408	14	210	AT 05.15- 12.19	116246	12	1.9
		05.15- 12.19	116597	14	180	05.15- 12.19	115725	12	2.0
Range Rover Evoque 2.2 TD TD4	[224DT]	06.11- 116408	14	210		06.11- 115468	12	2.0	
		06.11- 116597	14	180		AT and Start/Stop 06.11- 116246	12	1.9	
Range Rover I 3.9 4x4	[35D]	11.88- 12.92	113763	14	85	11.88- 12.92	111865	12	1.7
Range Rover II 4.6 4x4	[46D]	09.96- 03.02	114452	14	150	09.96- 03.02	111865	12	1.7
Range Rover Sport 3.0 Diesel 4x4	[306DT]	09.14- 116639	14	180					
Range Rover Sport 3.0 TD	[306DT]	08.12- 116007	14	150					
		04.13- 116639	14	180					
	[30DDTX]	06.11- 116007	14	150					
		04.13- 116639	14	180					
Range Rover Sport 3.0 TD Hybrid 4x4	[306DT]	02.15- 116639	14	180					
Range Rover Sport 4.4 TD SDV8 4x4	[448DT]	10.13- 116671	14	220					
PASSENGER CARS US									
Defender 3.9						01.93- 01.93	111865	12	1.7
Discovery 3.9						01.94- 01.95	111865	12	1.7
Range Rover 4.2 LWB						01.93- 01.94	111865	12	1.7
Range Rover 4.4	[M62]	01.03- 112426	14	150		01.03- 111865	12	1.7	
Range Rover 4.4 HSE		01.05- 112426	14	150		01.05- 111865	12	1.7	
PASSENGER CARS AO									
90/110 2.3 Diesel 4x4		06.84- 08.87	111185	14	43	A47			
90/110 2.3 4x4		06.84- 08.87	111185	14	43	A47			
90/110 2.5 Diesel Country 4WD		09.86- 08.88	111176	14	75	A47			
		09.86- 08.88	111185	14	43	A47			
Defender 3.5 4WD	[11D]	09.90- 08.93	110891	14	70	A47			
Freelander 2.2 TD 4x4	[224DT]	10.06- 115671	14	180					
Landini									
INDUSTRY									
Trekker 4.0	[Perkins]		113474	14	65				
LDV									
PASSENGER CARS EU									
200 2.0 Diesel		11.86- 12.98	110770	14	55				
		11.86- 12.98	112238	14	65				
Convoy 2.5 TDi	[ET70]					10.98- 112251	12	2.3	
Maxus 2.5 CDi	[VM39C]	02.05- 114019	14	110	A49				
		02.05- 116047	14	110					
	[VM39C, VM40C]	02.05- 114019	14	110	A49				
		02.05- 116047	14	110					
Maxus 2.5 CRD	[VM39C]	02.05- 114019	14	110	A49				
		02.05- 116047	14	110					
Sherpa 1.7	[KB17]	10.78- 12.82	111185	14	43	A47			
Sherpa 1.8	[G18A]	01.84- 09.88	111366	14	45				
		01.87- 09.88	112238	14	65				
Sherpa 2.0 Diesel		01.86- 01.89	110770	14	55	01.86- 01.89	110444	12	2.1
		01.86- 01.89	112238	14	65				
Sherpa 2.0	[G20A]	01.84- 09.88	111366	14	45				
		01.84- 09.88	112238	14	65				
Sherpa 2.6 Diesel	[K25D]	01.86- 09.88	112238	14	65				
Sherpa 3.5		01.83- 111176	14	75	A47	01.83- 112185	12	1.2	
		01.83- 09.88	112238	14	65				
V80		11.16- 114019	14	110	A49				
		11.16- 116047	14	110					
V80 Box 2.5		11.16- 114019	14	110	A49				
		11.16- 116047	14	110					
Lexus									
PASSENGER CARS EU									
ES 350 3.5	[2GR-FE]					06.12- 114037	12	1.6	
GS 250 2.5	[4GR-FSE]					01.12- 116424	12	1.6	
GS 300 3.0	[2JZ-GE]	10.00- 03.05	116444	14	100	10.00- 03.05	116424	12	1.6
GS 300 3.0 T3	[2JZ-GE]	08.97- 10.00	116444	14	100	08.97- 10.00	111544	12	1.4
GS 350 3.5	[2GR-FSE]					03.12- 116424	12	1.6	
GS 400 4.0	[1UZ-FE]					01.98- 11.00	113171	12	2.0
GS 430 4.3	[3UZ-FE]	11.00- 03.05	116444	14	100				
IS 2.2 Diesel	[2AD-FTV]	07.10- 114410	14	130		07.10- 114216	12	2.0	
IS 2.5	[4GR-FSE]					04.13- 116424	12	1.6	
IS 200 2.0	[1G-FE]	04.99- 115790	14	100					
IS 200 2.0 SportCross	[1G-FE]	10.02- 115790	14	100					
IS 220 2.2 Diesel	[2AD-FHV]	10.05- 114410	14	130		10.05- 114216	12	2.0	
IS 250 2.5	[4GR-FSE]	10.05- 116469	14	150		10.05- 116424	12	1.6	
IS 350 3.5	[2GR-FSE]	09.10- 116469	14	150		09.10- 116424	12	1.6	
IS C 2.5	[4GR-FSE]					10.05- 116424	12	1.6	
LS 250 2.5 AWD	[4GR-FSE]					10.05- 116424	12	1.6	
LS 350 3.5 AWD	[2GR-FSE]	10.05- 116469	14	150		10.05- 116424	12	1.6	
LS 400 4.0	[1UZ-FE]					01.95- 01.00	113171	12	2.0
		09.97- 10.00	116444	14	100				
RX 300 3.0	[1MZ-FE]	05.03- 116140	14	150		05.03- 112367	12	1.4	
						05.03- 114037	12	1.6	
RX 330 3.3 4WD	[3MZ-FE]	04.03- 116140	14	150					
PASSENGER CARS US									
ES 250 2.5	[2VZ-FE]					01.90- 01.91	111544	12	1.4
ES 300 3.0	[1MZ-FE]					01.94- 01.95	111544	12	1.4
						01.98- 01.98	112367	12	1.4
	[3UZ-FE]					01.92- 01.93	111544	12	1.4
GS 400 4.0	[1UZ-FE]					01.98- 01.98	113171	12	2.0
IS 350 3.5	[2GR-FSE]					04.09- 116424	12	1.6	
LS 400 4.0	[1UZ-FE]					01.95- 01.95	113171	12	2.0
LX 450 4.5	[1FZ-FE]					01.96- 01.97	113169	12	2.2
LX 470 4.7	[2UZ-FE]	01.98- 01.01	114433	14	80				
RX 300 3.0	[1MZ-FE]					01.00- 01.00	112367	12	1.4
SC 400 4.0	[1UZ-FE]					01.95- 01.95	113171	12	2.0
PASSENGER CARS AO									
GS 3.0	[3GR-FE]					04.05- 116424	12	1.6	



GS 250 2.5	[4GR-FSE]			01.12-	116424	12	1.6
GS 350 3.5	[2GR-FSE]			01.12-	116424	12	1.6
GS 350 3.5 AWD	[2GR-FSE]			04.08-	116424	12	1.6
Liebherr							
INDUSTRY							
A 310 B Excavators	[BF4M1012E B]	116018	28 55		112494	24	4.0
					112071	12	3.0
A 312 Excavators	[BF4M1012E B]	116018	28 55		112494	24	4.0
					112071	12	3.0
L 504 AP Wheel Loaders and Dozers	[F3L1011]	112183	14 60		112041	12	2.2
		113991	14 80				
		114077	28 40				
L 512 Wheel Loaders and Dozers	[BF4L913]	113470	28 35		110512	24	5.4
L 514 Wheel Loaders and Dozers	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
	[4045T]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
L 522 Wheel Loaders and Dozers	[BF4L913]	113470	28 35		110512	24	5.4
L 524 Wheel Loaders and Dozers	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
	[4045T]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
L 528 Wheel Loaders and Dozers	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
L 534 Wheel Loaders and Dozers	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
L 538 Wheel Loaders and Dozers	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
L 542 Wheel Loaders and Dozers	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
LR 614 LITRONIC Crawlers	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
R 310 B Excavators	[BF4M1012E B]	116018	28 55		112494	24	4.0
					112071	12	3.0
R 312 Excavators	[BF4M1012E B]	116018	28 55		112494	24	4.0
					112071	12	3.0
R 961		04.80- 06.90	113470	28 35			
		04.80- 06.90	110766	28 27			
R 971		03.88- 06.90	113470	28 35			
		04.80- 06.90	110766	28 27			
R 981		03.88- 06.90	113470	28 35			
		05.80- 02.88	110766	28 27			
		05.80- 02.88	110641	14 33			
TL 435-10 Rough Terrain Forklifts	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
TL 435-13 Rough Terrain Forklifts	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
TL 441-10 LITRONIC Rough Terrain Forklifts	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
TL 441-13 LITRONIC Rough Terrain Forklifts	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				
TL 442-13 Rough Terrain Forklifts	[4045H]	112062	14 115		114275	12	4.0
		113707	14 200				
		114379	14 150				
		114681	14 90				
		116623	14 200				

**LIEBHERR** *Continued*

TL 445-10 Rough Terrain Forklifts	[4045H]	112062	14	115		114275	12	4.0
		113707	14	200				
		114379	14	150				
		114681	14	90				
		116623	14	200				
TL 451-10 LITRONIC Rough Terrain Forklifts	[4045H]	112062	14	115		114275	12	4.0
		113707	14	200				
		114379	14	150				
		114681	14	90				
		116623	14	200				
TL 451-13 LITRONIC Rough Terrain Forklifts	[4045H]	112062	14	115		114275	12	4.0
		113707	14	200				
		114379	14	150				
		114681	14	90				
		116623	14	200				

Lincoln**PASSENGER CARS US**

Aviator 4.6	01.03- 01.03	112942	14	130				
Continental 4.6	01.95- 01.98	112942	14	130				
Continental 4.6 Anniversary	01.96- 01.96	112942	14	130				
Continental 4.6 Spinmaker edition	01.96- 01.96	112942	14	130				
Continental 5.0	01.80- 01.80	110237	14	60				
Continental 5.0 Town car	01.81- 01.81	110237	14	60				
Continental 5.8	01.80- 01.80	110237	14	60				
Continental 6.6	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12	
Continental 7.5	01.76-	110237	14	60	01.76-	110225	12	
					01.77- 01.77	110228	12	
Mark 4.6					01.97- 01.97	112646	12	1.4
Mark 4.6 LSC					01.97- 01.97	112646	12	1.4
Mark 5.0	01.80-	110237	14	60	01.80-	111183	12	1.4
					01.81- 01.83	110225	12	
Mark 5.8	01.80- 01.80	110237	14	60	01.80- 01.80	111183	12	1.4
Mark 6.6					01.77- 01.79	110228	12	
	01.77- 01.79	110237	14	60	01.77- 01.79	111183	12	1.4
	01.72- 01.76	110237	14	60	01.72- 01.76	111183	12	1.4
Mark 7.5					01.98- 01.98	112646	12	1.4
Navigator 5.4					01.99- 01.00	112646	12	1.4
Town Car 4.6	01.99- 01.00	112942	14	130				
	01.99- 01.00	112947	14	135				
Town Car 4.6 Cartier	01.00- 01.02	112942	14	130	01.00- 01.02	112646	12	1.4
	01.98- 01.98	112947	14	135				
Town Car 4.6 Executive	01.01- 01.02	112942	14	130	01.01- 01.02	112646	12	1.4
	01.98- 01.98	112947	14	135				
Town Car 4.6 Signature	01.00- 01.02	112942	14	130	01.00- 01.02	112646	12	1.4
	01.98- 01.98	112947	14	135				
Town Car 5.0	01.82- 01.89	110237	14	60	01.82- 01.89	111183	12	1.4
Versailles 5.0	01.77- 01.80	110237	14	60	01.77- 01.80	110225	12	
Versailles 5.8	01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	

Linde**FORK LIFTS**

H 20 25 30	[F3L913]	11.84- 08.88	110641	14	33	11.84- 08.88	112555	12	3.1
H 35 40	[F4L 912]	06.81- 08.88	110641	14	33	06.81- 08.88	112555	12	3.1
H 70	[F6L912]	06.81- 08.88	110641	14	33	06.81- 08.88	112555	12	3.1
H20,H25 H30 H35	[VW Diesel]		112079	14	90		113678	12	2.2
H40D Model 352							115389	12	4.2
H60D Forklifts	[TCD4.1L4]		116544	14	95		113181	12	2.3
			116547	14	120				
H70D Forklifts	[TCD4.1L4]		116544	14	95		113181	12	2.3
			116547	14	120				
H80/1100D Forklifts	[TCD4.1L4]		116544	14	95		113181	12	2.3
			116547	14	120				
H80/900D Forklifts	[TCD4.1L4]		116544	14	95		113181	12	2.3
			116547	14	120				
H80D Forklifts	[TCD4.1L4]		116544	14	95		113181	12	2.3
			116547	14	120				
Various Models	[VW engine]						116440	12	1.8

INDUSTRY

C90/5-8 (LWB) EMPTY C.H. Rough Terrain Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H100 Rough Terrain Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H100/1200 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H100/600 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H120 Rough Terrain Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H120/1200 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H120/600 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H140 Rough Terrain Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H140/1200 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H140/600 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H150 Rough Terrain Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H150/600 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H160 Rough Terrain Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H160/1200 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H160/600 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H180 Rough Terrain Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5
H180/600 Forklifts	[QSB6.7]		116317	28	70		114326	24	7.5

Lister**MARINE**

Various Models			113713	14	80		113459	12	2.0
						01.69-	112390	12	1.0
		01.86- 01.88	112143	14	80	01.86- 01.88	112545	12	1.4

MOTORS

Various Models			113713	14	80		115572	12	2.1
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Lister-Petter**INDUSTRY**

GS30D-IA Generator Sets	[8035.05]		110882	14	45		110813	12	2.7
	[8035.25]		114669	14	65		110813	12	2.7
							110529	12	3.0

MISCELLANEOUS

LPW3			116475	28	55				
LPW4			116475	28	55				



Lombardini										
MARINE										
LDAM 673								115344	12	2.3
								116685	12	2.3
LDAM 674								115344	12	2.3
								116685	12	2.3
LDAM 832								115344	12	2.3
								116685	12	2.3
LDAM 833								115344	12	2.3
								116685	12	2.3
Various Models			116131	14	33	A49		115816	12	1.4
		06.71- 12.79	111662	14	33		06.71- 12.79	115423	12	3.0
MOTORS										
Various Models 0.7	[8LD740.2]	05.83-	111662	14	33		05.83-	112171	12	1.1 A49
		05.83-	116131	14	33	A49	05.83-	114815	24	1.6
Various Models 0.8	[10LD400.2]	01.84-	111662	14	33		01.84-	112172	12	1.6
		01.84-	116131	14	33	A49	01.84-	116556	12	1.1
Various Models 0.9	[12LD435.2]	06.87-	111662	14	33		06.87-	110844	12	2.2
		06.87-	116131	14	33	A49	06.87-	114052	12	1.1
Various Models 1.1	[9LD561.2]	01.84-	111662	14	33		01.84-	112172	12	1.6
		01.84-	116131	14	33	A49	01.84-	113706	12	1.1
Various Models 1.3	[5LD675.2]	01.69- 12.90	111662	14	33		01.69- 12.90	111015	12	1.1
		01.69- 12.90	116131	14	33	A49	01.69- 12.90	115344	12	2.3
	[9LD625.2]	06.87-	111662	14	33		06.87-	112172	12	1.6
		06.87-	116131	14	33	A49	06.87-	116685	12	2.3
Various Models 1.6	[11LD535.3]	04.84-	111662	14	33		04.84-	112034	12	1.7
		04.84-	116131	14	33	A49	04.84-	116556	12	1.1
Various Models 1.7	[5LD825.2]	11.86-	111662	14	33		11.86-	110844	12	2.2
		11.86-	116131	14	33	A49	11.86-	114053	12	2.0
Various Models 1.9	[11LD625.3]	04.84-	111662	14	33		04.84-	112034	12	1.7
		04.84-	116131	14	33	A49	04.84-	116556	12	1.1
	[11LD626.3]	01.89-	111662	14	33		01.89-	112034	12	1.7
		01.89-	116131	14	33	A49	01.89-	115816	12	1.4
Various Models 2.0	[5LD675.3]	01.69- 12.90	111662	14	33		01.69- 12.90	111015	12	1.1
		01.69- 12.90	116131	14	33	A49	01.69- 12.90	115329	12	1.2
Various Models 2.5	[5LD825.3]	11.86-	111662	14	33		11.86-	111015	12	1.1
		11.86-	116131	14	33	A49	11.86-	114053	12	2.0
							02.82- 11.86	112039	12	2.7
Various Models 2.7	[5LD825.3T]	01.87-	111662	14	33		01.87-	111015	12	1.1
		01.87-	116131	14	33	A49	01.87-	114053	12	2.0
Various Models 2.8	[5LD930.3]	04.83-	111662	14	33		04.83-	112171	12	1.1 A49
		04.83-	116131	14	33	A49	04.83-	114815	24	1.6
Various Models 3.0	[5LD825.4]	11.86-	111662	14	33		11.86-	111015	12	1.1
		11.86-	116131	14	33	A49	11.86-	115423	12	3.0
Various Models 3.3			116131	14	33	A49				
		02.82- 11.86	111662	14	33		02.82- 11.86	113307	12	1.2
Various Models 3.7	[5LD930.4]	04.83-	111662	14	33		04.83-	112171	12	1.1 A49
		04.83-	116131	14	33	A49	04.83-	114815	24	1.6
Various Models			113533	14	65			113268	12	1.6
			116131	14	33	A49				
		02.82-	111662	14	33		02.82-	112034	12	1.7
Lotus										
PASSENGER CARS US										
Eclat 2.0	[907]	01.76- 01.79	110178	14	36					
		01.76- 01.79	111185	14	43	A47				
Eclat 2.0 Sprint	[907]	01.76-	111185	14	43	A47				
Elan 1.6		01.69- 01.71	110178	14	36		01.69- 01.71	111102	12	0.8
		01.72- 01.73	110179	14	36					
Elan 1.6 2S		01.69- 01.70	110178	14	36		01.69- 01.70	111102	12	0.8
Elan 1.6 2S 130							01.72- 01.73	111102	12	0.8
		01.72- 01.73	110179	14	36					
Elan 1.6 Sprint							01.71- 01.73	111102	12	0.8
		01.71- 01.73	110178	14	36					
Elise 2.0	[907]	01.76- 01.79	110178	14	36		01.76- 01.79	111102	12	0.8
Esprit 2.0	[907]	01.76- 01.79	110178	14	36					
		01.76- 01.79	111185	14	43	A47				
Esprit 2.2		01.80- 01.84	110178	14	36					
		01.80- 01.84	111185	14	43	A47				
Esprit 2.2 Turbo	[910]	01.83- 01.84	110178	14	36					
		01.83- 01.84	111185	14	43	A47				
Europa 1.6		01.72-	110179	14	36					
		01.69- 01.71	110178	14	36					
Europa 1.6 S2		01.69- 01.70	110179	14	36					
		01.69- 01.70	110178	14	36					
Europa 1.6 Special		01.72-	110179	14	36					
Europa 1.6 Twin		01.72-	110179	14	36					
Super Seven 1.1							01.61- 01.61	111102	12	0.8
Super Seven 1.3							01.62- 01.68	111102	12	0.8
Super Seven 1.5							01.62- 01.68	111102	12	0.8
Manitex										
INDUSTRY										
PT110 Skid Steer Loaders	[854E-E34TA - FPI]		114450	14	120			114388	12	3.2 A49
								116308	12	3.2
PT110 FORESTRY Skid Steer Loaders	[854E-E34TA - FPI]		114450	14	120			114388	12	3.2 A49
								116308	12	3.2
Manitou										
FORK LIFTS										
160 ATJ / 180 ATJ Aerial Lifts	[V1505-E]		113856	14	40			111021	12	1.4
26PC Rough Terrain Forklifts	[BSD444]							110462	12	2.8
								110813	12	2.7
K-D HAWK SERIES Rough Terrain	[3054C]		114188	14	90			110941	12	2.5
K-D KAWK POULTRY 30-2 & 30-4	[C4.4T ACERT]		113967	14	120			114278	24	4.5
M 70-2 H Straight Mast Forklifts	[TD 3.6L4]		116544	14	95			113181	12	2.3
			116547	14	120					
M SERIES Rough Terrain Forklifts	[3054C]		114188	14	90			110941	12	2.5
								111021	12	1.4
M30 SER (M30-2/M30-2H/M30-4)	[854E-E34TA - FPI]		114450	14	120			114388	12	3.2 A49
MASTED FORKLIFT Rough Terrain Forklifts										
								116308	12	3.2



MANITOU Continued

M40 SER (M40-2/M40-2H/M40-4) MASTED FORKLIFT Rough Terrain Forklifts	[854E-E34TA - FPI]	114450	14	120	114388	12	3.2	A49
					116308	12	3.2	
M50 SER (M50-2/M50-2H/M50-4) MASTED FORKLIFT Rough Terrain Forklifts	[854E-E34TA - FPI]	114450	14	120	114388	12	3.2	A49
					116308	12	3.2	
MB26JC Rough Terrain Forklifts	[BSD442]				112074	12	3.1	
MB30JC Rough Terrain Forklifts	[BSD442]				112074	12	3.1	
MC SERIES Rough Terrain Forklifts	[BSD444]				110462	12	2.8	
					110813	12	2.7	
MC40FC Rough Terrain Forklifts	[BSD442]				112074	12	3.1	
MC50FC Rough Terrain Forklifts	[BSD442]				112074	12	3.1	
MI 15G / MI 18G Rough Terrain Forklifts	[K21(L)]	112069	14	50	114479	12	1.2	
MI 20G / MI 25G / MI 30G / MI 35G Rough Terrain Forklifts	[K21(L)]	112069	14	50	114479	12	1.2	
MSI 40/50 Forklifts	[1104C-44]	114772	14	95	113654	12	3.0	
		116456	14	95	114264	12	4.2	
MT 1135 SERIES Rough Terrain Forklifts	[854E-E34TA - FPI]	114450	14	120	114388	12	3.2	A49
					116308	12	3.2	
MT 1335 SERIES Rough Terrain Forklifts	[854E-E34TA - FPI]	114450	14	120	114388	12	3.2	A49
					116308	12	3.2	
MT 1440 SERIES Rough Terrain Forklifts	[854E-E34TA - FPI]	114450	14	120	114388	12	3.2	A49
					116308	12	3.2	
MT 1840 SERIES Rough Terrain Forklifts	[854E-E34TA - FPI]	114450	14	120	114388	12	3.2	A49
					116308	12	3.2	
MT 835 SERIES Rough Terrain Forklifts	[854E-E34TA - FPI]	114450	14	120	114388	12	3.2	A49
					116308	12	3.2	
MTA 6034 Telescopic Boom Forklifts	[TD 3.6L4]	116544	14	95	113181	12	2.3	
		116547	14	120				
S SERIES Rough Terrain Forklifts	[BSD442]				112074	12	3.1	
TMM 20 TMM 20 4W TMM 25 TMM 25 4W Rough Terrain Forklifts	[V1505-E]	113856	14	40	111021	12	1.4	
INDUSTRY								
2026 Skid Steer Loaders	[3TNV88]	113742	14	40	112374	12	2.5	
2041 Skid Steer Loaders	[3TNV88]	113742	14	40	112374	12	2.5	
2066 Skid Steer Loaders	[B3.3-65 ELITE]				112344	12	2.5	
2099 Skid Steer Loaders	[1104C-44]	114772	14	95	113654	12	3.0	
		116456	14	95	114264	12	4.2	
100 DLX Aerial Lifts	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
120 DLX Aerial Lifts	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
160 ATJ+ / 200 ATJ Aerial Lifts	[V2403-M]	114751	14	44	111197	12	2.0	
					113966	12	1.4	
260 TJ / 280 TJ Aerial Lifts	[V2403-M]	114751	14	44	111197	12	2.0	
					113966	12	1.4	
4000V Skid Steer Loaders	[QSB4.5]	116317	28	70				
BUGGIE MC/4RM Rough Terrain Forklifts	[103-10]	110770	14	55	112534	12	2.0	
K-D HAWK SERIES Rough Terrain Forklifts	[1104C-44]	114772	14	95	113654	12	3.0	
		116456	14	95	114264	12	4.2	
K-D KAWK POULTRY 30-2 & 30-4 Rough Terrain Forklifts	[1104C-44T]	113763	14	85	113654	12	3.0	
M 26.2-50.4 SRS Rough Terrain Forklifts	[1104C-44]	114772	14	95	113654	12	3.0	
		116456	14	95	114264	12	4.2	
M SERIES Rough Terrain Forklifts	[1004-4T]	111355	14	65	113654	12	3.0	
		112698	14	100	114388	12	3.2	
		114772	14	95	114264	12	4.2	
	[1104C-44]	114772	14	95	116308	12	3.2	
		116456	14	95				
M30/M40/M50 2/4 WD Rough Terrain Forklifts	[1104C-44T]	113763	14	85	113654	12	3.0	
MA 460 / MA 470 Rough Terrain Forklifts	[1104C-44T]	113763	14	85	113654	12	3.0	
MA 460/470 Rough Terrain Forklifts	[1004-4T]	111355	14	65	114388	12	3.2	
		112698	14	100	116308	12	3.2	
		114772	14	95				
MC 30 Rough Terrain Forklifts	[1104C-44]	114772	14	95	113654	12	3.0	
		116456	14	95	114264	12	4.2	
MC 30/40/50 Rough Terrain Forklifts	[1104C-44]	114772	14	95	113654	12	3.0	
		116456	14	95	114264	12	4.2	
MC 40 / MC 50 Rough Terrain Forklifts	[1104C-44]	114772	14	95	113654	12	3.0	
		116456	14	95	114264	12	4.2	
MC 60/70 Rough Terrain Forklifts	[1004-4T]	111355	14	65	114388	12	3.2	
		112698	14	100	116308	12	3.2	
		114772	14	95				
MI 15D / MI 18D Rough Terrain Forklifts	[4TNE92]	115320	14	45	112676	12	2.2	
MI 20D / MI 25D / MI 30D / MI 35D Rough Terrain Forklifts	[4TNE92]	115320	14	45	112676	12	2.2	
MLA 647 TS/TI MLA 647 TS/TI	[1004-4T]	111355	14	65	114388	12	3.2	
		112698	14	100	116308	12	3.2	
		114772	14	95				
MLA 647 TS/TI Rough Terrain Forklifts	[1004-4T]	111355	14	65	114388	12	3.2	
		112698	14	100	116308	12	3.2	
		114772	14	95				
MLT 523 T Rough Terrain Forklifts	[V3307-DI-T]	114807	14	60	114167	12	3.0	



MLT 524/527 T Rough Terrain Forklifts [1004-4T]	111355	14 65	114388	12 3.2
	112698	14 100	116308	12 3.2
	114772	14 95		
MLT 526 Rough Terrain Forklifts [1104C-44]	114772	14 95	113654	12 3.0
	116456	14 95	114264	12 4.2
MLT 625 / MLT 625 75H Rough Terrain Forklifts [V3307-DI-T]	114807	14 60	114167	12 3.0
MLT 627 T Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MLT 627 T20/ T24 Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MLT 629 Rough Terrain Forklifts [1104C-44]	114772	14 95	113654	12 3.0
	116456	14 95	114264	12 4.2
MLT 633/730 Rough Terrain Forklifts [1004-4T]	111355	14 65	114388	12 3.2
	112698	14 100	116308	12 3.2
	114772	14 95		
MLT 840-115 PS Rough Terrain Forklifts [4045T]	112062	14 115	114275	12 4.0
	113707	14 200		
	114379	14 150		
	114681	14 90		
	116623	14 200		
MLT 840-137 PS Rough Terrain Forklifts [4045T]	112062	14 115	114275	12 4.0
	113707	14 200		
	114379	14 150		
	114681	14 90		
	116623	14 200		
MLT 845 HT Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MLT629 20 in / MLT 629 20 in C / MLT 629 24 in Rough Terrain Forklifts [F34ENT]	114450	14 120	114002	12 4.2
MRT 1400-1600 Rough Terrain Forklifts [1004-4T]	111355	14 65	114388	12 3.2
	112698	14 100	116308	12 3.2
	114772	14 95		
MRT 1430-1840 Rough Terrain Forklifts [1004-4T]	111355	14 65	114388	12 3.2
	112698	14 100	116308	12 3.2
	114772	14 95		
MRT 1432 Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MRT 1432-1742 Rough Terrain Forklifts [1004-4T]	111355	14 65	114388	12 3.2
	112698	14 100	116308	12 3.2
	114772	14 95		
MRT 1742 Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MSI 40 H / 50 H Rough Terrain Forklifts [1104C-44]	114772	14 95	113654	12 3.0
	116456	14 95	114264	12 4.2
MT 1033 S / ST Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MT 1033 S / ST / HLT Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MT 1135H / MT1135HA Rough Terrain Forklifts [F34ENT]	114450	14 120	114002	12 4.2
MT 1200-1600 SR Rough Terrain Forklifts [1004-4T]	111355	14 65	114388	12 3.2
	112698	14 100	116308	12 3.2
	114772	14 95		
MT 1240 Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MT 1335 H / MT 1335 HA Rough Terrain Forklifts [F34ENT]	114450	14 120	114002	12 4.2
MT 1435 H SL Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MT 1435 HSL Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MT 1440 / MT 1440 EP Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MT 1440 H / HA Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
	F34ENT	114450	14 120	114002
MT 1840 H / MT 1840 HA Rough Terrain Forklifts [F34ENT]	114450	14 120	114002	12 4.2
MT 728 Rough Terrain Forklifts [1104C-44]	114772	14 95	113654	12 3.0
	116456	14 95	114264	12 4.2
MT 732 / MT 932 Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MT 732/ MT 932 Rough Terrain Forklifts [1104C-44]	114772	14 95	113654	12 3.0
	116456	14 95	114264	12 4.2
MT 732/ MT 932 / MT 928 Rough Terrain Forklifts [1104C-44]	114772	14 95	113654	12 3.0
	116456	14 95	114264	12 4.2
MT 845 T Rough Terrain Forklifts [1004-4T]	111355	14 65	114388	12 3.2
	112698	14 100	116308	12 3.2
	114772	14 95		
MT 940 L Rough Terrain Forklifts [1104C-44]	114772	14 95	113654	12 3.0
	116456	14 95	114264	12 4.2
MT 940 LT Rough Terrain Forklifts [1104C-44T]	113763	14 85	113654	12 3.0
MT10044 Rough Terrain Forklifts [4045T]	112062	14 115	114275	12 4.0
	113707	14 200		
	114379	14 150		
	114681	14 90		
	116623	14 200		
MT10055 Rough Terrain Forklifts [4045T]	112062	14 115	114275	12 4.0
	113707	14 200		
	114379	14 150		
	114681	14 90		
	116623	14 200		
MT12042 Rough Terrain Forklifts [4045T]	112062	14 115	114275	12 4.0
	113707	14 200		
	114379	14 150		
	114681	14 90		
	116623	14 200		
MT1436 Rough Terrain Forklifts [1104C-44]	114772	14 95	113654	12 3.0
	116456	14 95	114264	12 4.2

**MANITOU Continued**

MT6034 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
MT6642 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
MT6642T Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
MT8044 Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
MT835 / MT835H Rough Terrain Forklifts	[F34ENT]	114450	14 120	114002	12 4.2
MVT 628 Rough Terrain Forklifts	[1104C-44T]	113763	14 85	113654	12 3.0
MVT 665 T / MVT 675 T Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
R522 Rough Terrain Forklifts	[BSD444]			110462	12 2.8
				110813	12 2.7
TELESCOPIC Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
TELESCOPIC 1 Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
TMT 25 I TMT 25 S TMT 27 S TMT 27 P Rough Terrain Forklifts	[V2403-M]	114751	14 44	111197	12 2.0
				113966	12 1.4
TMT 25 P Rough Terrain Forklifts	[V2403-M]	114751	14 44	111197	12 2.0
				113966	12 1.4
TMT 55 /HT/ST/HT-4W/XT-4W Rough Terrain Forklifts	[V2403-M]	114751	14 44	111197	12 2.0
				113966	12 1.4
TMT 55/HT/HT 4W/XT/XT 4W Rough Terrain Forklifts	[V2403-M]	114751	14 44	111197	12 2.0
				113966	12 1.4
TMT 55-FL-4W Rough Terrain Forklifts	[V2403-M]	114751	14 44	111197	12 2.0
				113966	12 1.4
Mariner					
MARINE					
Various Models				110648	12 0.7
				01.99- 01.01	112830 12
				01.98- 01.00	113591 12
				01.99- 01.01	113592 12
					115740 12
Massey Ferguson					
INDUSTRY					
MF 800 Tractor/Loader/Backhoes	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
MF 900 Tractor/Loader/Backhoes	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
MF 9205 Rough Terrain Forklifts	[V3800DI-T-E]	113600	14 90	113727	12 2.7
MF24.3 50HZ Generator Sets	[S4Q2]	113401	14 40		
MF25.5 60HZ Generator Sets	[S4Q2]	113401	14 40		
Maxus					
PASSENGER CARS EU					
V80 2.5 Diesel		10.10-	114019 14 110 A49		
		10.10-	116047 14 110		
Maybach					
PASSENGER CARS EU					
62 6.0 S	[M285.980]			RHD 09.05- 12.12	114178 12 1.4
Maybach 5.5 V12	[M285.950]			09.02- 12.12	111768 12 1.7
Maybach 6.0 V12	[M285.980]			09.05- 12.12	111768 12 1.7
Mazda					
PASSENGER CARS EU					
2 1.3 BiFuel	(DE)[ZJ46]	05.11- 11.14	115795 14 90	05.11- 11.14	116274 12 1.4
				05.11- 11.14	115639 12 1.0
2 1.3 VTi BiFuel	(DE)[ZJ46]	05.11- 11.14	115795 14 90	A25 05.11- 11.14	116251 12 1.2
2 1.3	[FUJA]	AC 04.03-	114129 14 90	04.03-	116159 12 1.4
	(DE)[ZJ-VE]	10.07-	115795 14 90	A25 10.07-	116251 12 1.2
2 1.3 MZR	(DE)[ZJ-VE]	01.10-	115795 14 90	A25 01.10-	116251 12 1.2
2 1.4 CD	[F6JA]	04.03-	113912 14 80	04.03-	111906 12 1.1
		04.03-	114128 14 150	04.03-	113905 12 1.4 A49
		04.03-	116362 14 80	04.03-	116275 12 1.0
	[F6JB]	04.03-	113912 14 80	04.03-	113905 12 1.4 A49
		04.03-	114128 14 150		
2 1.4 diesel MZR	[Y404]	01.08-	114724 14 150	01.08-	116159 12 1.4
2 1.4 16V	[FXJA]	AC 04.03-	114129 14 90	04.03-	113905 12 1.4 A49
2 1.5	(DL, DJ)[P5Y5]	08.14-	116224 14 100	08.14-	116274 12 1.4
				08.14-	116275 12 1.0
		08.14-	116409 14 150	08.14-	115639 12 1.0
	(DL, DJ)[P5Y7]	08.14-	116224 14 100	08.14-	116275 12 1.0
		08.14-	116409 14 150	08.14-	115639 12 1.0
	(DL, DJ)[P5Y8]	08.14-	116224 14 100	08.14-	116275 12 1.0
		08.14-	116409 14 150	08.14-	115639 12 1.0
	(DE)[ZY-DE]	10.07-	115795 14 90	A25 10.07-	116251 12 1.2
	(DE)[ZY-VE]	10.07-	115795 14 90	A25 10.07-	116251 12 1.2



2 1.5 MZR	(DE)[ZY05]	06.11-	115795	14 90	A25	06.11-	116251	12 1.2
	(DE)[ZY66]	06.11-	115795	14 90		06.11- 06.11-	116274 115639	12 1.4 12 1.0
2 1.6 CD MZ	[Y406]	10.08- 10.08-	114724 114866	14 150 14 120		10.08-	116159	12 1.4
	[Y646]	10.08- 10.08-	114724 114866	14 150 14 120	A25	10.08- 10.08-	116159 116251	12 1.4 12 1.2
2 1.6 16V	[FYJA]	AC 04.03-	114129	14 90		04.03-	113905	12 1.4 A49
3 1.3	[ZJ-VE]	10.03-	114358	14 110		10.03-	115553	12 1.0
3 1.5	(BM)[P5Y1]	10.13-	116224	14 100		10.13-	116269	12 1.2
	Vith braking energy recovery	04.15- 05.16	116409	14 150		04.15- 05.16	116062	12 1.2
3 1.5 Skyaktiv-G	[P5Y1]	09.13-	116224	14 100		09.13-	116251	12 1.2
3 1.6 MZ-CD	(BK)[Y406]	06.06- 06.06-	113922 115460	14 120 14 160		06.06- 06.06-	113908 115553	12 1.2 12 1.0
3 1.6 MZR-CD	(BL)[Y601]	06.09- 06.09- 06.09-	113849 113922 116294	14 150 A49 14 120 14 150		06.09- 06.09- 06.09-	114059 113908 116062	12 2.3 12 1.2 12 1.2
	(BL)[Y642]	06.09-	113922	14 120		06.09-	113908	12 1.2 A49
	[Y601]	06.04- 06.04- 06.04-	113849 113922 116294	14 150 A49 14 120 14 150		06.04- 06.04- 06.04-	114059 113795 116062	12 2.3 12 1.0 12 1.2
3 1.6 Turbo Di	[Y601]	06.04- 06.04- 06.04- 06.04-	113849 113922 115460 116294	14 150 A49 14 120 14 160 14 150		06.04- 06.04- 06.04- 06.04-	113819 113795 115553 116062	12 1.4 12 1.0 12 1.0 12 1.2
3 1.6	[B6ZE]	10.03-	114358	14 110		10.03-	113908	12 1.2 A49
3 1.6 MZR	[Z6]	02.04-	114358	14 110		02.04-	113908	12 1.2 A49
	(BL)[Z6]	06.09-	115795	14 90		06.09- 01.10- 12.13	116431 115639	12 1.0 12 1.0
3 2.0 CD MRZ	(BK12)[RF7J]	12.06-	114111	14 90		12.06-	113908	12 1.2 A49
	(BK14)	12.06-	114111	14 90		12.06-	113908	12 1.2 A49
3 2.0	(BM)[PXE2]	04.15- 05.16	116224	14 100		04.15- 05.16	116269	12 1.2
	Vith braking energy recovery	04.15- 05.16	116409	14 150		04.15- 05.16	115639	12 1.0
	(BM)[PEY7]	04.15- 05.16	116224	14 100		04.15- 05.16	116269	12 1.2
	Vith braking energy recovery	04.15- 05.16	116409	14 150		04.15- 05.16	115639	12 1.0
3 2.0 Skyaktiv-G	[PEY7]	09.13-	116224	14 100		09.13- 09.13- 09.13-	116251 116252 116269	12 1.2 12 12 1.2
3 2.2 Diesel	(BM)[SHY4]	04.15- 05.16	116293	14 150		04.15- 05.16	116062	12 1.2
3 2.2 Diesel MZR-CD	(BL)[R2AA]	06.09-	116011	14 100	RHD	06.09- 06.09-	116431 116251	12 1.0 12 1.2
3 2.2 Diesel Skyaktiv-D 150	[SHY1]	09.13-	116293	14 150		09.13-	116062	12 1.2
3 2.2 MZR-CD	(BL)[R2AA]	06.09-	116011	14 100		06.09-	116431	12 1.0
3 2.3 MPS	(BK14)[L3N9]	12.06-	116110	14 110		12.06-	116269	12 1.2
5 1.6 CD	(CR19, CW)[Y6]					09.10-	116062	12 1.2
5 1.8	[L823]	03.05-	115786	14 90		03.05-	113795	12 1.0
5 1.8 MZR	(CW)[L850]	02.13-	115786	14 90		02.13- 02.13-	113908 116269	12 1.2 12 1.2
5 2.0 Diesel Di	[RF7J]	06.05-	114111	14 90		06.05-	114059	12 2.3
5 2.0 Diesel Di RF7J	[RF7J]	03.05-	114111	14 90		03.05-	114059	12 2.3
5 2.0	[LFF7]	03.05-	115786	14 90		03.05-	113795	12 1.0
	(CW)[LFZB]					01.11-	116269	12 1.2
6 1.8	(GG)[L813]	AT 08.02- AT AC 08.02-	115368 113348	14 90 14 90		08.02- 08.02- 08.02-	116269 113819 114059	12 1.2 12 1.4 12 2.3
	(GY)	AT 08.02- AC 08.02-	115368 113348	14 90 14 90				
6 1.8 MRZ	(GH)[L813]	08.07-	114865	14 100		08.07- 08.07-	116252 116269	12 12 1.2
6 2.0 CD MRZ	(GH)[RF7J]	08.07-	114839	14 100		08.07- 08.07-	113795 116431	12 1.0 12 1.0
6 2.0 Diesel Di	(GG)[RF5C]	08.00-	114112	14 90		08.00-	113795	12 1.0
	(GY)	08.02-	114112	14 90		08.02-	113795	12 1.0
	(GG)[RF7J]	06.05-	114111	14 90		06.05-	113795	12 1.0
	(GY)	06.05-	114111	14 90		06.05-	113795	12 1.0
6 2.0	(GG)[LF17]	06.02- AT 06.02- (GY) AT 08.02- AC 08.02-	113348 115368 115368 113348	14 90 14 90 14 90 14 90		06.02- 08.02- 08.02-	114059 116269	12 2.3 12 1.2
	(GG)[LF18]	08.02- AT 06.02- AC 08.02- AT 08.02-	113348 115368 113348 115368	14 90 14 90 14 90 14 90		08.02-	114059	12 2.3
	(GY)							
	(GG)[LFF7]	03.05-	114865	14 100	A25	03.05-	116251	12 1.2
	(GY)	03.05-	114865	14 100	A25	03.05-	116251	12 1.2
	(GJ)[PEY7]	01.13- Vith braking energy recovery	116224 116409	14 100 14 150				
6 2.0 MRZ	(GH)[LF17]	08.07-	114865	14 100		08.07- 08.07-	116252 116269	12 12 1.2
6 2.2 Diesel	(GH)[R2BF]	01.10-	116011	14 100				
	(GH)[R2AA]	01.10-	116011	14 100				
	(GJ)[SHY1]	12.12-	116293	14 150				
	(GJ)[SHY4]	12.12-	116293	14 150				
6 2.2 Diesel AWD	(GJ)[SHY4]	01.13- 05.16	116293	14 150				
	(GJ, GH)	02.15-	116293	14 150				
6 2.2 Diesel MZR	(GH)[R2BF]	01.10-	116011	14 100				
6 2.2 MZR-CD	(GH)[R2BF]	01.09-	116011	14 100				
	(GH)[R2AA]	01.09-	116011	14 100				
6 2.2 MZR-CD Sport	(GH)[R2AA]	01.10-	116011	14 100				
6 2.3	(GG)[L3C1]	06.02- AT 06.02- (GY) AT 08.02- AT 08.02-	113348 115368 113348 115368	14 90 14 90 14 90 14 90		06.02- 08.02-	114059 116269	12 2.3 12 1.2
	(GG)[L3KG]	12.05- 12.05-	114865 116110	14 100 14 110		12.05-	116431	12 1.0
6 2.3 4WD	(GY)[L3C1]	08.02- AT 11.02-	113348 115368	14 90 14 90		08.02-	114059	12 2.3
6 2.5	(GJ)[PYY1]	12.12- Vith braking energy	116224 116409	14 100 14 150				



MAZDA Continued

6 2.5 MRZ	(GH)[L5-VE]	08.07-	114865	14	100	08.07-	116252	12	
						08.07-	116269	12	1.2
121 1.1	(DA)[B1]	10.87- 10.90	110136	14	50	10.87- 10.90	110807	12	0.85
	(DA)[B116]	04.89- 10.90	110136	14	50	04.89- 10.90	110807	12	0.85
121 1.2	(JA,JB)[DHF]	03.96-	113447	14	70	03.96-	110807	12	0.85
						03.96-	113701	12	1.1 A49
	(JA,JB)[DHG]					03.96-	113701	12	1.1 A49
121 1.3	[J4T]	03.96-	113447	14	70	AT 03.96-	110808	12	0.85
						03.96-	111131	12	0.8
						03.96-	113701	12	1.1 A49
	[JHC]	03.96-	113447	14	70	03.96-	110807	12	0.85
						03.96-	111131	12	0.8
						03.96-	113701	12	1.1 A49
	[JJK]	03.96-	113447	14	70	03.96-	110807	12	0.85
						03.96-	113701	12	1.1 A49
	[JJM]	03.96-	113447	14	70	AT 03.96-	110808	12	0.85
						03.96-	113701	12	1.1
121 1.8 Diesel	[RTJ]	03.96-	112121	14	70	A13 03.96-	110807	12	0.85
						03.96-	112290	12	2.2
						03.96-	110867	12	1.7
323 1.0	(FA)[P]	06.77- 05.80	110133	14	35	06.77- 05.80	110808	12	0.85
	(FA)[PC]	06.77- 05.80	110133	14	35	06.77- 05.80	110808	12	0.85
323 1.1	(BD)[E1]	11.80- 10.85	110136	14	50	11.80- 10.85	110808	12	0.85
						11.80- 10.85	110149	12	0.9
	(BF)					08.85- 08.87	110149	12	0.9
323 1.3	(BG)[B383]					09.89- 06.91	110149	12	0.9
	(BG)[B3E]					09.89- 06.91	110149	12	0.9
						09.89- 06.91	110808	12	0.85
	(BD)[E3]	11.80- 08.85	110136	14	50	11.80- 08.85	110808	12	0.85
						11.80- 10.85	110149	12	0.9
	(FA)[T]	01.77- 05.80	110133	14	35	01.77- 05.80	110808	12	0.85
	(FA)[TC]	01.77- 05.80	110133	14	35	01.77- 05.80	110808	12	0.85
323 1.3 16V	(BA)[B3]					10.96-	110808	12	0.85
	(BG)					09.89-	110808	12	0.85
		09.94- 02.97	111807	14	70				
	(BJ)[B3ME]	05.98- 10.00	111384	14	70	05.98- 10.00	110808	12	0.85
						06.98- 01.01	111970	12	1.0
323 1.3 i	(BF)[B3E]					06.87- 05.89	110808	12	0.85
323 1.4	(BF)[B3]					04.87- 07.89	110808	12	0.85
	(FA)[U]	01.75- 05.80	110133	14	35	01.75- 05.80	110808	12	0.85
	(FA)[UC]	01.75- 08.82	110133	14	35	01.75- 08.82	110808	12	0.85
323 1.5	(FA)[D5]	04.82- 05.86	112270	14	35	04.82- 05.86	110808	12	0.85
	(BD)[E5]	06.80- 06.82	110136	14	50	06.80- 06.82	110808	12	0.85
						11.80- 07.85	110149	12	0.9
323 1.5 16V	(BA)[Z5-DE]	10.96- 08.98	111384	14	70	10.96- 08.98	110808	12	0.85
		10.96-	111807	14	70	10.96-	111970	12	1.0
	(BJ)[ZL05]	05.98-	111384	14	70	05.98-	110808	12	0.85
						05.98-	110149	12	0.9
						09.98-	111970	12	1.0
	(BJ)[ZL06]	09.98- 01.01	111384	14	70	09.98- 01.01	110808	12	0.85
						09.98- 01.01	110149	12	0.9
						09.98- 01.01	111970	12	1.0
323 1.5 i Turbo	(BF)[E5E2]					10.86- 05.89	110808	12	0.85
323 1.5 i	(BF)[E5E3]					10.86- 05.89	110808	12	0.85
323 1.6	(BG)[B6]					03.91- 10.94	110808	12	0.85
	(BF)[B68]					09.87- 10.89	110808	12	0.85
	(BW)					09.87- 10.89	110808	12	0.85
	(BG)[B6E]					09.89- 06.91	110808	12	0.85
323 1.6 Turbo	(BF)[B6T]					10.85- 11.91	110808	12	0.85
323 1.6 Turbo GT	(BF)[B6]					10.85- 11.91	110808	12	0.85
323 1.6 Turbo GT 4WD	(BF)[B6]					08.87- 10.89	110808	12	0.85
323 1.8 4WD	(BG)[BPC]					AT 06.91- 05.94	110810	12	1.4
		02.94- 05.94	111807	14	70	02.94- 05.94	110808	12	0.85
323 1.8 16V	(BJ)[FP]	09.98-	112067	14	80	09.98-	110808	12	0.85
						09.98- 01.01	111730	12	1.0
323 1.8 Turbo 16V 4WD	(BG)[BP]	02.94-	111807	14	70	09.90- 12.92	110808	12	0.85
323 1.9 16V	(BJ)[FP]	05.98- 10.00	112067	14	80	05.98- 10.00	110808	12	0.85
						05.98- 10.00	111730	12	1.0
323 2.0 Diesel	(BA)[RF1G]					10.96- 09.98	110389	12	2.0
	(BJ)	09.98-	113785	14	80	09.98-	110808	12	0.85
323 2.0 TD	(BJ)[RF]					09.98- 01.01	110389	12	2.0
626 1.6	(GC)[F6]					11.82- 06.87	110149	12	0.9
	(GD)[F68]					06.87- 05.92	110149	12	0.9
	(CD)[H6]	05.79- 05.82	110307	14	60	05.79- 05.82	110808	12	0.85
		08.80- 10.82	110134	14	55				
	(CD)[N]	05.79- 08.80	110134	14	55	05.79- 08.80	110808	12	0.85
		05.79- 05.82	110307	14	60				
	(CD)[NA]	10.78- 12.82	110134	14	55	10.78- 12.82	110808	12	0.85
		05.79- 05.82	110307	14	60				
626 1.8	(GE)[FP]	08.91- 04.97	111317	14	80	08.91- 04.97	110808	12	0.85
						05.94- 04.97	111730	12	1.0
	(GF)	12.99-	112067	14	80	12.99-	110810	12	1.4
						12.99-	111730	12	1.0
	(GF)[FP9A]	12.99-	112067	14	80	12.99-	110810	12	1.4
						12.99-	111730	12	1.0
	(GF,GW)	01.00-	112067	14	80	01.00-	110810	12	1.4
						01.00-	111730	12	1.0
	(GF)[FPY3]	05.97-	112067	14	80	05.97-	110808	12	0.85
						05.97-	111730	12	1.0
	(GW)	02.98-	112067	14	80	02.98-	110808	12	0.85
						02.98-	111730	12	1.0
626 1.8 i	(GE)[FP]	01.92- 04.97	111317	14	80	01.92- 04.97	110808	12	0.85
						01.92- 04.97	111730	12	1.0
626 1.8	(GF)[FP]	12.99- 10.02	112067	14	80	12.99- 10.02	110810	12	1.4
						12.99- 10.02	111730	12	1.0
	(GF)[FP9A]	12.99- 10.02	112067	14	80	12.99- 10.02	110810	12	1.4
						12.99- 10.02	111730	12	1.0
	(GW)	01.00- 10.02	112067	14	80	01.00- 10.02	110810	12	1.4
						01.00- 10.02	111730	12	1.0



	(GF)[FPY3]	05.97- 12.99	112067	14	80	05.97- 12.99	110810	12	1.4
	(GW)	02.98- 01.00	112067	14	80	05.97- 12.99	111730	12	1.0
626 2.0 Diesel	(GC)[RF46]					02.98- 01.00	110810	12	1.4
	[RFG5]					02.98- 01.00	111730	12	1.0
	(GD)[RF-N]					01.83- 06.87	110389	12	2.0
	(GV)					11.94- 02.98	110389	12	2.0
626 2.0 Diesel Compreh	(GV)[RF-CX]					07.87- 07.91	110389	12	2.0
626 2.0 Diesel GLX Compreh	(GE)[RF OHC]					09.88- 07.91	110389	12	2.0
626 2.0 TDDi	(GF)[RF3F]					05.93- 110389	110389	12	2.0
	(GW)	09.99-	113785	14	80	10.92- 04.97	110389	12	2.0
						09.99-	110389	12	2.0
						09.99-	110810	12	1.4
						09.99-	110389	12	2.0
626 2.0	(CB)[MA]	10.78- 12.82	110134	14	55	10.78- 12.82	110808	12	0.85
		05.79- 05.82	110307	14	60				
	(GC)[FE]					03.83- 09.87	110149	12	0.9
	(GD)					09.87- 12.88	110810	12	1.4
	(GF)[FS]	05.97-	112067	14	80	05.97-	110808	12	0.85
						05.97-	111730	12	1.0
	(GW)	02.98-	112067	14	80	02.98-	110810	12	1.4
						02.98-	111730	12	1.0
	(GF)[FS2C]	02.98-	112067	14	80	02.98-	110810	12	1.4
						02.98-	111730	12	1.0
	(GW)	02.98-	112067	14	80	02.98-	110810	12	1.4
						02.98-	111730	12	1.0
	(CB)[HE3]	05.79- 05.82	110307	14	60	05.79- 05.82	110808	12	0.85
		08.80- 10.82	110134	14	55				
	(CB)[M]	05.79- 08.80	110134	14	55	05.79- 08.80	110808	12	0.85
		05.79- 05.82	110307	14	60				
626 2.0 12V	(GD)[FE]					11.87- 02.92	110810	12	1.4
	(GV)					09.87- 01.90	110810	12	1.4
626 2.0 16V	(GD)[FE]					07.87- 09.89	110810	12	1.4
626 2.0 i	(GE)[FS]	08.91- 04.97	111317	14	80	08.91- 04.97	110808	12	0.85
						05.94- 04.97	111730	12	1.0
626 2.0 i 4WD	(GE)[FS]	04.92- 04.97	111317	14	80	04.92- 04.97	110808	12	0.85
						04.92- 04.94	110810	12	1.4
						05.94- 04.97	111730	12	1.0
626 2.2 12V	(GD)[F2]					03.90- 12.91	110810	12	1.4
626 2.2 12V 4WD	(GD)[F2]					09.89- 07.91	110810	12	1.4
	(GV)					05.91- 11.92	110810	12	1.4
	(GV)[FZL1]					05.91- 11.92	110810	12	1.4
		04.98-	112067	14	80	04.98-	110808	12	0.85
818 1.3	[TC]	01.71- 10.80	110133	14	35				
929 2.0	(HB)[MA]	01.82- 12.83	110134	14	55	01.82- 12.83	110810	12	1.4
	(HV)	01.83- 12.87	110134	14	55	01.83- 12.87	110149	12	0.9
	(LA)	05.79- 07.86	110307	14	60	05.79- 12.81	110810	12	1.4
	Chas. LA4	05.79- 12.81	110134	14	55				
	(HB)[HEE]	05.82- 03.84	110134	14	55	05.82- 03.84	110149	12	0.9
						05.82- 03.84	110810	12	1.4
	(HV)	01.83- 12.87	110134	14	55	01.83- 12.87	110149	12	0.9
		01.83- 12.87	110307	14	60				
	(LA)[M]	05.79- 07.86	110307	14	60	05.79- 07.86	110149	12	0.9
	Chas. LA4	05.79- 12.81	110134	14	55	05.79- 12.81	110810	12	1.4
1000 1.0	[PC]	01.75- 01.77	110133	14	35				
1300 1.3	[TC]	01.75- 01.77	110133	14	35				
323 C 1.4 16V	(BA)[B3]	08.94- 02.97	111807	14	70	08.94- 02.97	111970	12	1.0
		10.96- 10.98	111384	14	70	10.96- 10.98	110808	12	0.85
323 C 1.5 16V	(BA)[Z5-DE]	08.94- 02.97	111807	14	70	02.97-	110808	12	0.85
		02.97-	111384	14	70				
323 C 1.8	(BA)[BPZE]	08.94- 02.97	111807	14	70	02.97-	110808	12	0.85
		02.97-	111384	14	70				
323 F 1.4	(BJ)[B3]	01.01-	111384	14	70	01.01-	110808	12	0.85
323 F 1.5 16V	(BA)[Z5-DE]	07.94- 02.97	111807	14	70	07.94- 02.97	110808	12	0.85
		02.97-	111384	14	70				
323 F 1.6	(BJ)[ZM]	01.01-	112067	14	80	01.01-	110149	12	0.9
						01.01-	111970	12	1.0
323 F 1.8 16V	(BA)[BPZE]	08.94- 02.97	111807	14	70	08.94- 02.97	110808	12	0.85
		02.97-	111384	14	70				
323 F 2.0 TD	(BJ)[RF4F]	01.01-	113785	14	80	01.01-	111730	12	1.0
323 F 2.0	(BJ)[FS7E]	01.01-	112067	14	80	01.01-	111970	12	1.0
						01.01-	111730	12	1.0
	(BJ)[FS7G]	01.01-	112067	14	80	01.01-	111970	12	1.0
323 S 1.4 16V	(BA)[B3]	08.94- 02.97	111807	14	70	08.94- 02.97	110808	12	0.85
		10.96- 10.98	111384	14	70				
	(BJ)	01.01-	111384	14	70	01.01-	110808	12	0.85
323 S 1.5 16V	(BA)[Z5-DE]	08.94- 02.97	111807	14	70	08.94- 02.97	111970	12	1.0
		10.96- 09.98	111384	14	70	10.96- 09.98	110808	12	0.85
323 S 1.6	(BJ)[ZM]	01.01-	112067	14	80	01.01-	111970	12	1.0
323 S 1.8 16V	(BA)[BPZE]	08.94- 02.97	111807	14	70	08.94- 02.97	110808	12	0.85
		02.97-	111384	14	70				
323 S 2.0	(BJ)[FS7E]	01.01-	112067	14	80	01.01-	111730	12	1.0
	(BJ)[FS7G]	01.01-	112067	14	80	01.01-	111730	12	1.0
Atenza 2.2 Diesel	(GJ, GL)[SHY8]					03.18-	116252	12	
Atenza 2.2 Diesel AWD	(GJ, GL)[SHY8]					03.18-	116252	12	
Atenza 2.5	(GJ, GL)[PYZ8, PYZC]	Braking energy recovery 03.18-	116409	14	150	A25 03.18-	116251	12	1.2
	(GJ, GL)	Braking energy recovery 03.18-	116409	14	150	A25 03.18-	116251	12	1.2
Axela 1.5	(BP)[P5X4]					05.19-	116431	12	1.0
	(BP)					06.19-	116431	12	1.0
Axela 2.0 Hybrid M Hybrid	(BP)[PEXN]					With braking energy recovery 01.19-	116431	12	1.0
	(BP)					With braking energy recovery 01.19-	116431	12	1.0
Axela 2.0 Skyactiv-G	(BP)[PEXN, PEXN]					11.18-	116431	12	1.0
Axela 2.0 Skyactiv-G M Hybrid	(BP)[PEXN]					Braking energy recovery 01.20-	116431	12	1.0
B 1600 1.6		02.77- 09.78	110133	14	35				
B 1800 1.8	[H816]	10.81- 08.85	112270	14	35				
		02.77-	110133	14	35				
B 2000 2.0						01.85- 12.91	110149	12	0.9
B 2200 2.2 Diesel	[R290]					12.89- 03.96	110389	12	2.0
B 2200 2.2 8V 4WD	(UN)[JL22]					06.99-	110808	12	0.85
B 2500 2.5 Diesel	(UN)[MD25NA]	06.99-	114120	14	75	06.99-	113702	12	2.2



MAZDA Continued

	(UN)[WLE7]	12.02- 09.01-	114120 112352	14 75 14 70		09.01-	113702	12 2.2
B 2500 2.5 Diesel 4WD	[MD25NA]	06.99- 06.99-	112352 114120	14 70 14 75		06.99-	113702	12 2.2
	(UF)[WL]	09.98- 06.99	112352	14 70		09.98- 06.99	113702	12 2.2
	(UN)[WLE7]	12.02- 09.01-	114120 112352	14 75 14 70		09.01-	113702	12 2.2
B 2500 2.5 TD 4WD	[MD25T1]	06.99-	114120	14 75				
B 2600 2.6 4WD	(UF)[LG54]	01.87- 10.89	110318	14 50				
B 2600 2.6 12V 4WD	(UN)[JK26]	01.87- 10.90	110318	14 50		01.87- 10.90	110811	12 1.2
BT-50 2.5 Diesel 4WD	[WLAA]	12.06-	112352	14 70		12.06-	113702	12 2.2
Capella 1.8	(GD)[F8 (8V)]					11.87- 07.89	110808	12 0.85
CX-3 2.0	(DK)[PE-VP5]					A25 05.18-	116251	12 1.2
	(DK)[PEX3, PEXB]	05.15-	116409	14 150		05.15-	116431	12 1.0
	(DK)[PEXB]					05.15-	116251	12 1.2
						02.18-	116251	12 1.2
	Braking energy recovery	02.18-	116409	14 150		02.18-	116431	12 1.0
CX-3 2.0 AWD	(DK)[PEX3, PEXB, PEXT]	05.15-	116409	14 150		05.15-	116431	12 1.0
						05.15-	116251	12 1.2
CX-30 2.0 Skyactiv-G M Hybrid	(DM)[PEXW]					01.20-	116431	12 1.0
CX-30 2.0 Skyactiv-G M Hybrid AWD	(DM)[PEXW]					01.20-	116431	12 1.0
CX-5 2.0	(KF, KE)[PEXB, PEXB]					A25 03.18-	116251	12 1.2
	(KE, GH)[PEY5]	02.12- 02.17	116224	14 100		02.12- 02.17	116431	12 1.0
	(KE)[PEY6]	11.11-	116224	14 100		11.11-	116431	12 1.0
	(KE)[PEY7]	11.11-	116224	14 100		11.11-	116431	12 1.0
CX-5 2.0 AWD	(KF, KE)[PEXB]					A25 03.18-	116251	12 1.2
	(KE, GH)[PEY5]	02.12- 02.17	116224	14 100		02.12- 02.17	116431	12 1.0
	(KE)[PEY6]	11.11-	116224	14 100		11.11-	116431	12 1.0
	(KE)[PEY7]	11.11-	116224	14 100		11.11-	116431	12 1.0
CX-5 2.0 SKYACTIV-D	(KE_) [PEY7]	04.15- 02.17	116224	14 100		04.15- 02.17	116431	12 1.0
						A25 04.15- 02.17	116251	12 1.2
CX-5 2.0 SKYACTIV-D AWD	(KE_) [PEY7]	04.15- 02.17	116224	14 100		04.15- 02.17	116431	12 1.0
						A25 04.15- 02.17	116251	12 1.2
CX-5 2.2 Diesel	(KE)[SHY1]	04.12-	116293	14 150		04.12-	116431	12 1.0
CX-5 2.2 Diesel AWD	(KE)[SHY1]	04.12-	116293	14 150		A25 04.12-	116251	12 1.2
						04.12-	116431	12 1.0
	(KF)[SHY6]					05.17-	116252	12
	(KF)[SHY8]					06.18-	116252	12
CX-5 2.2 Diesel SKYACTIV-D	(KE_) [SHY4]	04.15- 02.17	116293	14 150		A25 04.15- 02.17	116251	12 1.2
						04.15- 02.17	116252	12
CX-5 2.2 Diesel SKYACTIV-D AWD	(KE_) [SHY4]	04.15- 02.17	116293	14 150		A25 04.15- 02.17	116251	12 1.2
						04.15- 02.17	116252	12
CX-5 2.5	(KF, KE)[PYZ8, PYZC]					A25 05.17-	116251	12 1.2
CX-5 2.5 AWD	(KE, GH)[PYY1]	02.15-	116224	14 100		02.15-	116431	12 1.0
CX-5 2.5 SKYACTIV-D AWD	(KE_) [PYY1]	04.15- 02.17	116224	14 100		04.15- 02.17	116431	12 1.0
	Braking energy recovery	04.15- 02.17	116409	14 150		A25 04.15- 02.17	116251	12 1.2
CX-7 2.2 Diesel AWD MZR-CD	(ER)[R2AA]	01.12-	116011	14 100				
CX-7 2.2 MZR-CD	[R2AA]	09.09-	116011	14 100		09.09-	113819	12 1.4
CX-7 2.3 DiSi Turbo MZR	[L3-VDT]	10.07-	116110	14 110				
CX-7 2.3 MZR-DiSi	[L3-VDT]	09.09-	116110	14 110				
Demio 1.3 16V	(DW)[B3ME]					08.98-	110808	12 0.85
Demio 1.5 16V	(DW)[B5E]	04.00-	111384	14 70		04.00-	110808	12 0.85
						04.00-	111970	12 1.0
Demio 1.5 Skyactiv-G M Hybrid	(DL, DJ)[P5XB[GB], P5XC]					08.19-	116431	12 1.0
E 1600 1.6	[NA]	01.78- 03.81	110133	14 35				
		04.81-	110134	14 55				
		04.81- 06.84	112270	14 35				
E 2000 2.0	(SR)[FE18]	11.84- 02.88	110134	14 55		11.84- 02.88	110808	12 0.85
	(SR2)	05.85- 08.88	110134	14 55		05.85- 08.88	110149	12 0.9
		05.85- 04.89	110307	14 60				
	(SR2)[FE58]	05.85- 08.88	110134	14 55		05.85- 08.88	110808	12 0.85
		05.85- 04.89	110307	14 60		05.85- 04.89	110149	12 0.9
	(SR)[FEV4]	11.84- 02.88	110134	14 55		11.84- 02.88	110808	12 0.85
E 2000 2.2 Diesel	(SR2)[R2]	02.97- 08.02	116495	14 70		02.97- 08.02	110149	12 0.9
E 2000 2.2 Diesel 4WD	(SR2)[R2]	02.97-	116495	14 70		02.97-	110149	12 0.9
E 2200 2.2 Diesel	(SR2)[R2]	02.97- 08.02	116495	14 70				
	(SR)[R203]	01.84- 02.88	110699	14 50		01.84- 02.88	110389	12 2.0
		01.84- 02.88	110706	14 60				
	(SR2)	03.91-	110699	14 50				
		03.91-	110706	14 60				
	(SR)[R207]	01.84- 02.88	110699	14 50		01.84- 02.88	110389	12 2.0
		01.84- 02.88	110706	14 60				
	(SR2)	03.91-	110699	14 50				
		03.91-	110706	14 60				
E 2200 2.2 Diesel 4WD	(SR2)[R2]	02.97-	116495	14 70				
	(SR2)[R203]	03.91-	110699	14 50		03.91-	110389	12 2.0
		03.91-	110706	14 60				
	(SR2)[R207]	03.91-	110699	14 50		03.91-	110389	12 2.0
		03.91-	110706	14 60				
E-Serie 2.2 Diesel E2200	(SD1, SL)[R21N]	09.99- 07.04	116495	14 70				
Familia V 1.1	(BD)	08.82- 04.85	110136	14 50				
Familia V 1.5	(BD)[E5]	08.82- 04.85	110136	14 50		08.82- 04.85	110149	12 0.9
Miata 2.0	(NC)[LFY7]	10.08- 12.14	114865	14 100		10.08- 12.14	115599	12 1.4
MPV 2.0 Diesel Di	(LW)[RF5C]	07.02-	114112	14 90		07.02-	111730	12 1.0
						07.02-	114059	12 2.3
MPV 2.5 TD	[WLT]	05.96- 09.99	113785	14 80		05.96- 09.99	111730	12 1.0
						05.96- 09.99	113702	12 2.2
MX-3 1.6 i	(EC)[B6D]	01.94-	111807	14 70		01.94-	110808	12 0.85
MX-5 1.5	(ND)[P5Z1]	08.17-	116409	14 150				
MX-5 1.6	(NA)[B6]	01.95- 11.97	111342	14 60		01.95- 11.97	112215	12 0.95
	(NA)[B64F]	08.89- 11.97	111342	14 60		08.89- 11.97	110149	12 0.9
MX-5 1.6 16V	(NB)[B6D]	05.98- 10.05	111807	14 70		05.98- 10.05	111970	12 1.0
		05.98-	112067	14 80		05.98-	115599	12 1.4
MX-5 1.8	(NA)[BPF1]	02.94- 04.98	111807	14 70		02.94- 04.98	112215	12 0.95
	(NC)[L828]	03.05-	114865	14 100				
	(NC)[L8-DE]	03.05-	114865	14 100				
MX-5 1.8 16V	(NB)[BPD]	11.00-	112067	14 80		11.00-	115599	12 1.4
	(NB)[BPZE]	08.00-	112067	14 80		08.00-	111970	12 1.0
		12.94- 11.97	111807	14 70				
		01.98- 08.00	111384	14 70		01.98- 08.00	112215	12 0.95



MX-5 1.9 16V	(NB)[BPD]	11.00-	112067	14 80	11.00-	115599	12 1.4
MX-5 2.0	(NC)[LF62]	03.05-	114865	14 100			
	(NC)[LF-DE]	03.05-	114865	14 100	03.05-	115599	12 1.4
	(ND)[PEX4, PEX6]	06.15-	116409	14 150			
MX-5 2.0 ND6E	(ND)[PEXF, PE-VPRI]	05.18-	116409	14 150			
MX-5 RF (ND) 2.0	(ND)[PEX6]	12.16-	116409	14 150			
MX-6 2.0	(GE)[FS]	04.91-	111317	14 80	04.91-	110810	12 1.4
MX-6 2.5 24V	(GE)[KL]	07.91-	111317	14 80			
MX-6 2.5 i 24V	(GE)[KL]	08.94-	111317	14 80			
Premacy 1.8	(CP)[FP]	07.99-	112067	14 80	07.99-	111730	12 1.0
Premacy 1.8	(CP)[FPD9]	07.99- 03.05	112067	14 80	07.99- 03.05	111730	12 1.0
	(CP)[FPE1, FP87]	07.99- 06.05	112067	14 80	07.99- 06.05	111730	12 1.0
Premacy 2.0	(CP)[RF4F]	08.00- 06.05	113785	14 80	08.00- 06.05	111730	12 1.0
Premacy 2.0	(CP)[FS7G]	11.01-	112067	14 80	11.01-	111730	12 1.0
Premacy 2.0	(CP)[FS7E, FS7G]	08.01- 06.05	112067	14 80	08.01- 06.05	111730	12 1.0
RX-7 1.1	(SA)[12AN2]	05.79- 05.81	110307	14 60			
		03.84- 03.86	110134	14 55			
RX-8 2.6	(SE)[13B-MSP]	10.03- 06.12	115797	14 100	10.03- 06.12	116773	12 2.0
Tribute 2.0 4WD	(EP)[YF]				03.00-	112340	12 1.4
Tribute 2.5		01.09-	116034	14 150	01.09-	111374	12 1.5
Various Models					01.85-	110149	12 0.9
Xedos 6 1.6 16V	(CA)[B6]	06.94-	111807	14 70	06.94-	110808	12 0.85
					06.94-	112215	12 0.95
Xedos 9 2.5 V6	(TA)[KL]	07.00-	112067	14 80			
PASSENGER CARS US							
3 2.0					01.04- 01.07	113795	12 1.0
3 2.0 I					01.04- 01.07	113795	12 1.0
3 2.0 MZR	(BL)[LF5H]				06.10-	116269	12 1.2
323 1.6					01.86- 01.87	110149	12 0.9
323 1.6 DX					01.92- 01.94	110149	12 0.9
323 1.6 SE					01.90- 01.91	110149	12 0.9
323 1.8 DX					01.90- 01.91	110149	12 0.9
323 1.8 LX					01.90- 01.91	110149	12 0.9
626 2.0					01.84- 01.85	110389	12 2.0
					01.84- 01.85	110149	12 0.9
626 2.0					01.99- 01.01	110810	12 1.4
					01.83- 01.83	110389	12 2.0
					01.83- 01.83	110149	12 0.9
626 2.0 DX					01.93- 01.97	110810	12 1.4
626 2.0 ES					01.02- 01.02	110810	12 1.4
626 2.0 LX					01.93- 01.97	110810	12 1.4
626 2.0 Turbo					01.86- 01.87	110389	12 2.0
					01.86- 01.87	110149	12 0.9
626 2.2					01.88- 01.89	110810	12 1.4
626 2.2 DX					01.90- 01.92	110810	12 1.4
626 2.2 LX					01.90- 01.92	110810	12 1.4
626 2.2 Turbo					01.88- 01.90	110810	12 1.4
626 2.2 Turbo GT					01.90- 01.91	110810	12 1.4
B2000 2.0		01.82- 01.84	112270	14 35	01.82- 01.84	110149	12 0.9
B2200 2.2					01.87- 01.92	110810	12 1.4
					01.87- 01.92	110149	12 0.9
B2300 2.3					01.94- 01.97	113222	12 1.4
B2600 2.6		01.87- 01.88	110805	14 45	01.87- 01.88	110811	12 1.2
GLC 1.5		01.81- 01.85	110136	14 50	01.81- 01.85	110149	12 0.9
Miata 1.6		01.90- 01.93	111342	14 60	01.90- 01.93	112215	12 0.95
Miata 1.8					01.99- 01.00	111970	12 1.0
		01.94- 01.97	111807	14 70	01.94- 01.97	112215	12 0.95
Miata 1.8 LS					01.02- 01.03	111970	12 1.0
MX-3 1.6		01.94- 01.95	111807	14 70	01.94- 01.95	110149	12 0.9
MX-3 1.6 Precedia		01.95- 01.95	111807	14 70	01.95- 01.95	110149	12 0.9
MX-6 2.0					01.93- 01.95	110810	12 1.4
MX-6 2.0 RS					01.96- 01.97	110810	12 1.4
MX-6 2.2					01.88- 01.91	110810	12 1.4
MX-6 2.2 DX					01.91- 01.92	110810	12 1.4
MX-6 2.2 LX					01.91- 01.92	110810	12 1.4
MX-6 2.2 Turbo					01.92- 01.92	110810	12 1.4
MX-6 2.2 Turbo GT					01.88- 01.92	110810	12 1.4
Navajo 4.0 DX					01.92- 01.94	111844	12 1.4
Navajo 4.0 LX					01.91- 01.94	111844	12 1.4
Portege 1.5 DX					01.96- 01.97	110149	12 0.9
		01.96- 01.97	111807	14 70	01.96- 01.97	110810	12 1.4
Portege 1.5 LX					01.96- 01.97	110149	12 0.9
		01.96- 01.97	111807	14 70	01.96- 01.97	110810	12 1.4
Portege 1.8 DX					01.91- 01.94	110810	12 1.4
					01.91- 01.94	110149	12 0.9
Portege 1.8 ES					01.95- 01.96	110149	12 0.9
					01.95- 01.96	111970	12 1.0
		01.97- 01.97	111384	14 70	01.97- 01.97	110810	12 1.4
Portege 1.8 GT					01.90- 01.91	110149	12 0.9
Portege 1.8 LX					01.90- 01.94	110149	12 0.9
Portege 1.8 S					01.95- 01.95	110149	12 0.9
					01.95- 01.95	111970	12 1.0
Portege 1.8 SE					01.90- 01.90	110149	12 0.9
Protege 1.5		01.95- 01.95	111807	14 70	01.95- 01.95	110149	12 0.9
Protege 1.5 DX		01.98- 01.98	111384	14 70	01.98- 01.98	110149	12 0.9
Protege 1.5 LX		01.98- 01.98	111384	14 70	01.98- 01.98	110149	12 0.9
Protege 1.6		01.01- 01.01	111384	14 70	01.01- 01.01	110810	12 1.4
					01.99- 01.00	110149	12 0.9
Protege 1.8		01.99- 01.00	112067	14 80	01.99- 01.00	111730	12 1.0
Protege 1.8 ES		01.98- 01.98	111384	14 70	01.98- 01.98	110149	12 0.9
Protege 2.0		01.01- 01.01	112067	14 80	01.01- 01.01	110149	12 0.9
Protege 2.0 5		01.02- 01.02	112067	14 80	01.02- 01.02	111730	12 1.0
Protege 2.0 DX		01.03-	112067	14 80	01.03-	111730	12 1.0
Protege 2.0 ES		01.02- 01.03	112067	14 80	01.02- 01.03	111970	12 1.0
Protege 2.0 LX		01.02- 01.03	112067	14 80	01.02- 01.03	111730	12 1.0
Protege 2.0 MP3		01.01- 01.02	112067	14 80	01.01- 01.02	111970	12 1.0
Protege 2.0 Turbo Mazda Speed		01.03- 01.03	112067	14 80	01.03- 01.03	111730	12 1.0
RX-7 1.1		01.79- 01.82	110134	14 55			
RX-7 1.3 Turbo		01.88-	110134	14 55			

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MAZDA Continued

Tribute 2.0		01.01- 01.01		112958	14	110	01.01- 01.01	111374	12	1.5	
		01.01- 01.01		112961	14	110					
Tribute 2.0 DX		01.02- 01.02		112958	14	110	01.02- 01.02	111374	12	1.5	
Tribute 3.0		01.01- 01.01		112961	14	110	01.01- 01.01	112340	12	1.4	
Tribute 3.0 DX		01.02-		112961	14	110					
Tribute 3.0 ES		01.02- 01.02		112961	14	110	01.02- 01.02	112340	12	1.4	
							01.03- 01.03	112235	12	1.4	
Tribute 3.0 LX		01.02- 01.02		112961	14	110	01.02- 01.02	112340	12	1.4	
							01.03- 01.03	112235	12	1.4	
PASSENGER CARS AO											
2 1.3 L	(B2W)	AC	04.03-	114129	14	90	AT	04.03-	116274	12	1.4
2 1.5	(B2W)	AC	04.03-	114129	14	90		04.03-	116275	12	1.0
2 1.5 i	(DE)[ZY-DE]							02.12- 08.14	115639	12	1.0
3 2.3	(BK12)[L3-VE]							01.04- 01.07	113819	12	1.4
	(BK12)							01.04- 09.04	113819	12	1.4
3 2.3 DiSi	(BK14)							06.06- 01.07	113819	12	1.4
3 2.3 MPS Turbo	(BL)[L3KG]	06.09-		116110	14	110		06.09-	113819	12	1.4
6 2.2 Diesel	(GJ)[SHY1]	12.12-		116293	14	150					
B-Serie 2.2 Diesel	(UF)							01.84-	110389	12	2.0
B-Serie 2.5 Diesel	(UN)							11.99- 12.01	112600	12	1.4
B-Serie 2.5 Diesel 4x4	(UN)							11.99- 12.01	112600	12	1.4
	(UN)							11.99- 07.02	112600	12	1.4
B-Serie 2.6 4x4	(UF)[G6]							01.85- 11.89	110811	12	1.2
CX-5 2.0	(KE)[PEY4]	07.12-		116224	14	100					
MX-5 1.8	(NA)[BPF1]							08.93- 11.97	112215	12	0.95
	(NB)							11.00-	111970	12	1.0
RX 8 2.6	(SE17)							11.03- 06.12	116773	12	2.0
Mazda (Changan)											
PASSENGER CARS AO											
CX-5 2.0		07.12-		116224	14	100					
CX-5 2.0 AWD		07.12-		116224	14	100					
CX-5 2.5 AWD		02.13-		116224	14	100					
Mercedes-Benz											
PASSENGER CARS EU											
100 2.4 Diesel	(631)[OM616]	12.90- 02.96	110358	14	55		12.90- 12.94	110368	12	2.3	
		12.90- 02.96	110968	14	70						
		12.90- 02.96	111149	14	80						
	(631)[OM616.963]	12.90-	110358	14	55		12.90-	113855	24	5.4	
		12.90-	111149	14	80		09.87- 08.91	110368	12	2.3	
	(631.340)	09.87- 08.91	110358	14	55		09.91- 01.96	110368	12	2.3	
		09.87- 08.91	111149	14	80						
190 2.0 Diesel	(201)[OM601.911]	08.83- 08.89	110923	14	55		08.83- 08.89	111065	12	2.2	
		04.85- 08.89	111093	14	70						
190 2.0	(201)[M102.921]	10.82- 08.86	110358	14	55		10.82- 08.86	110862	12	1.5	
		10.82- 08.86	110923	14	55		10.82- 08.86	111347	12	1.2	
	(201)[M102.924]	09.84- 08.86	110358	14	55		09.84- 08.86	110862	12	1.5	
		09.84- 05.90	110923	14	55		09.84- 05.90	111065	12	2.2	
		04.85- 08.90	111093	14	70		01.86- 05.90	111347	12	1.2	
190 2.5 Diesel	(201)[OM602.911]	04.85- 08.93	110923	14	55		04.85- 08.93	111065	12	2.2	
		04.85- 08.93	111093	14	70						
190 2.5 TD	(201)[OM602.961]	02.88- 08.93	110923	14	55		02.88- 08.93	111065	12	2.2	
		02.88- 08.93	111093	14	70		02.88- 08.93	113855	24	5.4	
200 1.8 Kompressor	(209)[M271.940]	09.02-	113877	14	120 A49						
		09.02-	116322	14	120						
200 1.8 CGI	(209)[M271.942]	07.03-	113877	14	120 A49						
		07.03-	116322	14	120						
200 2.0 Diesel	(124)[OM601.912]	12.84- 06.93	110923	14	55		12.84- 06.93	110368	12	2.3	
		04.85- 06.93	111093	14	70		08.89- 06.93	111065	12	2.2	
	(115)[OM615.913]	02.75- 01.77	110358	14	55		02.75- 01.77	110862	12	1.5	
	(123)[OM615.940]	02.76- 11.85	110358	14	55		02.76- 11.85	111347	12	1.2	
200 2.0 TD	(124)[OM601.912]	12.84- 06.93	110923	14	55						
		04.85- 06.93	111093	14	70						
200 2.0	(123)[M102.920]	06.80- 11.85	110358	14	55		06.80- 11.85	111347	12	1.2	
							11.80- 11.85	111065	12	2.2	
	(124)[M102.922]	04.85- 06.93	111093	14	70		01.86- 05.90	113513	12	1.1	
		12.84- 06.93	110923	14	55		12.84- 06.93	116555	12	1.7	
							12.84- 08.92	110368	12	2.3	
	(123)[M102.939]	06.80- 11.85	110358	14	55		06.80- 11.85	111347	12	1.2	
							11.80- 11.85	111065	12	2.2	
	(115)[M115.923]	02.75- 01.77	110358	14	55		02.75- 01.77	110862	12	1.5	
	(115)[M115.926]	02.75- 01.77	110358	14	55		02.75- 01.77	110862	12	1.5	
	(123)[M115.938]	02.76- 08.80	110358	14	55		02.76- 08.80	110862	12	1.5	
	(123)[M115.939]	02.76- 08.80	110358	14	55		02.76- 08.80	110862	12	1.5	
	(R172)[M274.920]	04.15-	116631	14	175						
200 2.0 Kompressor	(208)[M111.956]	06.00- 06.02	116129	14	90 A49						
		06.97-	112529	14	90						
206 2.2 Diesel	(601)[OM615.939]						02.73- 12.77	110775	12	1.8	
207 2.4 Diesel	(601)[OM616.917]	04.77- 12.82	110358	14	55		04.77- 12.82	110368	12	2.3	
	(601)[OM616.934]	04.77- 12.82	110358	14	55		04.77- 12.82	110368	12	2.3	
	(601)[OM616.937]	06.82- 01.90	110358	14	55		06.82- 01.90	110368	12	2.3	
	(601)[OM616.939]	06.82- 01.90	110358	14	55		06.82- 01.90	110368	12	2.3	
208 2.1 CDi	(901,902)[OM611.987]	04.00-	112197	14	115						
		04.00-	112425	14	150						
		04.00- 05.06	113889	14	90						
208 2.3 Diesel	(601)[OM601.940]	10.88- 02.96	111093	14	70		10.88- 06.95	113389	12	2.2	
		10.88- 02.96	113768	14	95						
		10.88- 02.96	116129	14	90 A49						
		11.88- 06.95	111883	14	115						
	PS Eng. 281647-	11.88- 06.92	112529	14	90						
	PS	10.88- 06.95	110923	14	55						
	Eng. -281646	10.88-	112734	14	80						
208 2.3	(601)[M115.955]	05.77- 12.82	110358	14	55		05.77- 12.82	111851	12	2.0	
	(601)[M115.972]	05.77- 12.82	110358	14	55		05.77- 12.82	111851	12	2.0	
209 3.0 Diesel	(601)[OM617.913]	12.82- 01.90	110358	14	55	Change pulley	12.82- 01.90	110368	12	2.3	
210 2.3	(601)[M102.942]	04.77- 10.89	110358	14	55		04.77- 10.89	110862	12	1.5	
		04.77- 10.89	110923	14	55		04.85- 06.95	111347	12	1.2	
		04.77- 10.89	111093	14	70						
		04.77- 10.89	112734	14	80						



	(601)[M102.945]	Eng. -016466	04.85- 06.95	110923	14 55	04.85- 06.95	113389	12 2.2
			04.85- 06.95	111093	14 70			
			05.89- 06.95	111149	14 80			
			10.87-	112734	14 80			
	(601)[M115.955]		04.77- 10.89	110358	14 55	04.77- 10.89	110862	12 1.5
			04.77- 10.89	110923	14 55			
			04.77- 10.89	111093	14 70			
			04.77- 10.89	112734	14 80			
210 2.9 Diesel	(601)[OM602.940]		10.88- 06.95	110923	14 55	10.88- 06.95	113389	12 2.2
			10.88- 02.96	111093	14 70			
			10.88- 06.95	112734	14 80			
			10.88- 02.96	113768	14 95			
		Eng. 277089-	10.88- 02.96	116129	14 90	A49		
			11.88- 06.95	112529	14 90			
211 2.1 CDi	(901,902)[OM611.981]		04.00-	112197	14 115	04.00-	111851	12 2.0
			04.00-	112425	14 150			
			04.00- 05.06	113889	14 90			
213 2.1 CDi	(901,902)[OM611.981]		04.00-	112197	14 115	04.00-	111851	12 2.0
			04.00-	112425	14 150			
			04.00- 05.06	113889	14 90			
216 2.7 CDi	(901,902)[OM612.981]		04.00-	112197	14 115	04.00-	112440	12 2.2
			04.00-	112425	14 150	04.00-	111851	12 2.0
			04.00- 05.06	113889	14 90			
220 2.2 Diesel	(115)[OM615.912]		01.68- 01.77	110358	14 55	01.68- 01.77	110368	12 2.3
			(123)[OM615.941]	110358	14 55	01.76- 03.81	110368	12 2.3
230 2.3	(123)[M115.954]		02.76- 03.81	110358	14 55	02.76- 03.81	111347	12 1.2
230 2.3 Kompressor	(208)[M111.982]		06.00- 06.02	113301	14 90			
			06.00- 06.02	116129	14 90	A49		
			06.97-	112529	14 90			
240 2.4 Diesel	(123)[OM616.912]		02.76- 11.85	110358	14 55	02.76- 11.85	110368	12 2.3
			(115)[OM616.916]	110358	14 55	07.73- 12.77	110368	12 2.3
240 2.4 TD	(123)[OM616.912]		02.76- 11.85	110358	14 55	02.76- 11.85	110368	12 2.3
240 2.6	(209)[M112.912]	(C209)	06.02-	113302	14 120	06.02-	113282	12 1.4
			06.02- 05.09	113302	14 120	06.02- 05.09	113282	12 1.4
						06.02- 05.09	114178	12 1.4
						07.73- 12.77	110368	12 2.3
240 3.0 Diesel	(115)[OM617.910]		07.73- 12.77	110358	14 55			
250 2.2 Diesel	(W166)[OM651.960]		04.15-	114876	14 180	A49		
			04.15-	116142	14 200			
			04.15-	116309	14 180			
			(R172)[OM651.980]	114876	14 180	A49		
250 2.5 Diesel	(124)[OM602.912]		01.16-	116309	14 180			
			01.16-					
250 2.5 Diesel	(124)[OM602.912]		04.85- 06.93	110923	14 55			
			04.85- 06.93	111093	14 70			
250 2.5 TD	(124)[OM602.912]		04.85- 06.93	110923	14 55			
			04.85- 06.93	111093	14 70			
			04.85- 06.93	110923	14 55			
			04.85- 06.93	111093	14 70			
250 2.5	(114)[M114.920]	(123)[M123.921]	01.68- 08.72	110358	14 55	01.68- 08.72	111065	12 2.2
			02.76- 07.85	110358	14 55	02.76- 07.85	114305	12 1.7
						02.76- 07.85	114742	12 1.8
						02.76- 10.79	111065	12 2.2
250 2.8	(114)[M130.923]		08.73- 11.76	110358	14 55	08.73- 11.76	111065	12 2.2
270 2.7 CDi	(A209)[OM612.967]		02.03- 06.05	113772	14 190			
280 2.7	(114)[M110.921]		06.72- 02.77	110358	14 55			
			(123)[M110.923]	110358	14 55			
300 3.0 Diesel	(124)[OM603.912]		12.84- 06.93	110923	14 55	12.84- 06.93	111065	12 2.2
			04.85- 06.93	111093	14 70	04.85- 08.89	110368	12 2.3
						06.90- 06.93	113855	24 5.4
			(124)[OM603.960]	111093	14 70	09.86- 01.89	110368	12 2.3
			09.86- 01.89	111093	14 70	01.89- 06.93	111065	12 2.2
			(124)[OM603.963]	111093	14 70	09.86- 01.89	111065	12 2.2
			(123)[OM617.912]	110358	14 55	02.76- 11.85	111065	12 2.2
			(124)[OM603.913]	110923	14 55	09.86- 08.92	111065	12 2.2
300 3.0 Diesel 4 Matic	(124)[OM603.913]		09.86- 08.92	111093	14 70	09.86- 08.92	110368	12 2.3
300 3.0 TD	(124)[OM603.960]		09.86- 06.93	111093	14 70	09.86- 06.93	110368	12 2.3
			09.86- 09.88	113768	14 95	09.88- 06.93	111065	12 2.2
			09.88- 06.93	110923	14 55			
			(124)[OM603.963]	111093	14 70	01.88- 06.93	110368	12 2.3
300 3.0 TD 4 Matic	(124)[OM603.960]		10.80- 11.85	110358	14 55	10.80- 11.85	111065	12 2.2
			01.89- 06.93	110923	14 55	01.89- 06.93	111065	12 2.2
			01.89- 06.93	111093	14 70	01.89- 06.93	110368	12 2.3
			(124)[OM603.963]	110923	14 55	09.86- 01.89	111065	12 2.2
			09.86- 01.89	111093	14 70			
			09.86- 01.89	111093	14 70			
			09.86- 09.88	113768	14 95			
307 2.4 Diesel	(602)[OM616.937]		04.77- 01.83	110358	14 55	04.77- 01.83	110368	12 2.3
			(602)[OM616.939]	110358	14 55	06.82- 01.90	110368	12 2.3
308 2.1 CDi	(903)[OM611.987]		04.00-	112197	14 115			
			04.00-	112425	14 150			
			04.00- 05.06	113889	14 90			
			04.00- 05.06	115318	14 200	A49		
308 2.3 Diesel	(601)[OM601.940]	ACPS Eng. -281646 Eng. 281647-	10.88- 06.95	110923	14 55	06.89- 06.95	111851	12 2.0
			10.88-	112734	14 80	10.88- 06.95	113389	12 2.2
			06.89- 06.95	112529	14 90			
			11.88- 02.96	111093	14 70			
	(602)	AC, PS, Eng. 281647- AC, PS, Eng. 281647- AC, PS, Eng. 281647- AC, PS, Eng. 281647- PS Eng. 281647- PS Eng. -281646	11.88- 02.96	113768	14 95			
			11.88- 02.96	116129	14 90	A49		
			06.89- 06.95	110923	14 55			
			06.89- 02.96	111093	14 70			
			06.89- 02.96	113768	14 95			
			06.89- 02.96	116129	14 90	A49		
			06.89- 02.96	112529	14 90			
			06.89-	112734	14 80			
309 3.0 Diesel	(602)[OM617.913]		10.82- 01.90	110358	14 55	10.82- 01.90	110368	12 2.3
310 2.9 Diesel	(601)[OM602.940]		06.89- 02.96	111093	14 70	10.88- 06.95	113389	12 2.2
			06.89-	112530	14 120			
			06.89- 02.96	113768	14 95			
			06.89- 02.96	116129	14 90	A49		
		Eng. 277089- Eng. -277088 ACPS	06.89- 06.95	112529	14 90			
			10.88-	112734	14 80			
			10.88- 06.95	110923	14 55			



MERCEDES-BENZ Continued



	(602)	AC, PS, Eng. 277089-	06.89- 02.96	111093	14 70		
		AC, PS, Eng. 277089-	06.89- 06.95	112530	14 120		
		AC, PS, Eng. 277089-	06.89- 02.96	113768	14 95		
		AC, PS, Eng. 277089-	06.89- 02.96	116129	14 90	A49	
		PS Eng. 277089-	06.89- 06.95	112529	14 90		
		PS Eng. -277088	06.89-	112734	14 80		
		ACPS	06.89- 06.95	110923	14 55		
311 2.1 CDI	(903)[OM611.981]		04.00-	112197	14 115	04.00-	111851 12 2.0
			04.00-	112425	14 150		
			04.00- 05.06	113889	14 90		
			04.00- 05.06	115318	14 200	A49	
313 2.1 CDI	(903)[OM611.981]		04.00-	112197	14 115	04.00-	111851 12 2.0
			04.00-	112425	14 150		
			04.00- 05.06	113889	14 90		
316 2.7 CDI	(903)[OM612.981]		04.00-	112197	14 115	04.00-	112440 12 2.2
			04.00-	112425	14 150	04.00-	111851 12 2.0
			04.00- 05.06	113889	14 90		
320 3.0 CDI	(C219)[OM642.920]		01.05- 12.10	116060	14 180	01.05- 12.10	113282 12 1.4
320 3.2	(Z09)[M112.955]		06.02-	113302	14 120	06.02-	111768 12 1.7
405 2.2 Diesel	(T2/L)[OM615]		01.72- 12.80	112098	14 65	01.72- 12.80	110775 12 1.8
	(T2/L)[OM621]		01.72- 12.80	112098	14 65	01.72- 12.80	110775 12 1.8
406 2.2 Diesel	(T2/L)[OM615.910]					01.68- 12.74	110775 12 1.8
407 2.4 Diesel	(T2/L)[OM616.910]					01.75- 08.82	110775 12 1.8
	(T1/TN)[OM616.913]		07.81- 01.89	110358	14 55	07.81- 01.89	110775 12 1.8
						07.81- 01.89	110368 12 2.3
408 2.2	(T2/L)[M115.921]		01.68- 12.74	112098	14 65		
408 2.3 Diesel	(T1/TN)[OM601.940]		11.88- 06.95	111093	14 70	11.88- 06.95	110524 24 4.0
						11.88- 06.95	113389 12 2.2
			11.88- 06.95	113768	14 95		
			11.88- 06.95	116129	14 90	11.88- 06.95	110512 24 5.4
			12.93- 06.95	111149	14 80		
		PS	11.88- 06.95	112529	14 90	11.88- 06.95	110601 24 5.4
		PS	11.88- 06.95	112734	14 80		
		ACPS	11.88- 06.95	110923	14 55		
408 2.3	(T2/L)[M115.952]		01.75- 08.82	110358	14 55	01.75- 08.82	110601 24 5.4
409 2.2	(T2/L)[M115.921]		01.68- 12.74	112098	14 65		
409 2.3	(T2/L)[M115.952]		01.75- 08.82	110358	14 55	01.75- 08.82	110368 12 2.3
	(T2/L)[M115.970]		01.75- 08.82	110358	14 55		
	(T2/L)[M115.971]		01.75- 08.82	110358	14 55		
409 2.4 Diesel	(T1/TN)[OM617.913]		04.82- 01.89	110358	14 55		
409 3.0 Diesel	(T1/TN)[OM617.913]		04.82- 01.89	110358	14 55		
410 2.3	(T1/TN)[M102.942]		08.82- 03.85	110358	14 55	08.82- 03.85	111347 12 1.2
			08.82- 06.95	111149	14 80		
			08.82- 06.95	112734	14 80		
			04.85- 06.95	110923	14 55		
			04.85- 06.95	111093	14 70		
	(T2/L)[M102.943]		08.82- 12.88	110358	14 55	08.82- 12.88	110862 12 1.5
						08.82- 12.88	113389 12 2.2
	(T1/TN)[M102.945]		08.82- 03.85	110358	14 55	08.82- 03.85	111347 12 1.2
			08.82- 06.95	112734	14 80		
			04.85- 06.95	110923	14 55		
			04.85- 06.95	111093	14 70		
			12.93- 06.95	111149	14 80		
410 2.9 Diesel	(T1/TN)[OM602.940]		11.88- 06.95	111093	14 70	11.88- 06.95	113389 12 2.2
			11.88- 06.95	112529	14 90		
			11.88- 06.95	112734	14 80		
			11.88- 06.95	113768	14 95		
			11.88- 06.95	116129	14 90	A49	
		ACPS	11.88- 06.95	110923	14 55		
414 2.1 CDI	(906)		05.16-	115600	14 180	A25 05.16-	114742 12 1.8
	(906)		05.16-	116142	14 200	05.16-	114305 12 1.7
	(906)		05.16-	116702	14 250		
	(906)		05.16-	116704	14 220		
500 4.7	(R231)[M278.927]					01.12-	116002 12 1.7
500 5.0	(Z09)[M113.968]					06.02-	111768 12 1.7
507 2.4 Diesel	(T2/LN1)[OM616.914]		04.86- 04.89	110358	14 55	04.86- 04.89	110368 12 2.3
508 2.3 Diesel	(T2/LN1)[OM601.941]		03.89- 12.94	111093	14 70	03.89- 12.94	110524 24 4.0
			12.93- 02.01	111149	14 80		
		PS	03.89- 03.94	110923	14 55		
		AC	03.89- 02.01	112734	14 80		
508 3.8	(T2/L)[OM314.946]		06.72- 02.77	111141	14 55	06.72- 02.77	110524 24 4.0
			09.72- 06.88	110906	28 30	09.72- 06.88	110512 24 5.4
			09.72- 06.88	113920	28 35	09.82- 10.86	110601 24 5.4
			09.82- 10.86	110113	28 27	11.86- 12.88	111065 12 2.2
			11.86- 12.88	110895	28 55		
	(T2/L)[OM314.948]		06.72- 02.77	111141	14 55	06.72- 02.77	110524 24 4.0
			09.82- 10.86	110113	28 27	09.82- 10.86	110601 24 5.4
			11.86- 12.88	110895	28 55	11.86- 12.88	111065 12 2.2
			11.86- 12.88	110906	28 30	11.86- 12.88	110512 24 5.4
	(T2/L)[OM314.959]		09.72- 06.88	111141	14 55		
	(T2/L)[OM314.962]		09.72- 06.88	110895	28 55	09.72- 06.88	110512 24 5.4
	(T2/L)[OM314.963]		09.72- 06.88	110906	28 30	09.72- 06.88	110524 24 4.0
			09.72- 06.88	113920	28 35		
510 2.3	(T2/LN1)[M102.946]		04.86- 03.94	110923	14 55	04.86- 03.94	110862 12 1.5
			04.86- 02.01	111093	14 70		
			04.86- 02.01	112734	14 80		
			12.93- 02.01	111149	14 80		
512 2.9	[OM602.984]		09.96-	111883	14 115	09.96-	111851 12 2.0
			09.96-	111890	14 90		
608 3.8	(T2/L)[OM314.946]	Chas. 059069-	02.84- 12.88	111141	14 55		
	(T2/L)[OM314.948]		04.81- 08.82	111141	14 55	Chas. 017518-	04.81- 08.82 110512 24 5.4
			09.82- 10.86	110113	28 27	09.82- 10.86	110601 24 5.4
			09.82- 12.88	110895	28 55		
			11.86- 12.88	110906	28 30		
	(T2/L)[OM314.961]		02.84- 12.88	110895	28 55	Eng. -145162 02.84- 12.88	110512 24 5.4
	(T2/L)[OM314.963]		02.84- 12.88	110906	28 30	02.84- 12.88	110512 24 5.4
			02.84- 12.88	113920	28 35		



	(T2/L)[OM314.967]	04.81- 08.82	111141	14 55	04.81- 08.82	110512	24 5.4
		09.82- 10.86	110113	28 27	09.82- 10.86	110601	24 5.4
		09.82- 12.88	110895	28 55			
		11.86- 12.88	110906	28 30			
609 4.0	(T2/LN1)[OM364.906]	04.86- 12.94	110358	14 55	04.86- 12.94	110524	24 4.0
		04.86- 02.01	113920	28 35	11.86- 02.91	113979	24 4.0
		11.86- 02.91	110895	28 55			
		11.86- 02.91	110906	28 30			
	(T2/LN1)[OM364.919]	04.86- 12.94	110358	14 55	04.86- 12.94	110524	24 4.0
		04.86- 02.01	113920	28 35	11.86- 02.91	113979	24 4.0
		11.86- 02.91	110895	28 55			
		11.86- 02.91	110906	28 30			
611 4.0	(T2/LN1)[OM354.901] (T2/LN1)[OM354.902]	06.94- 09.01	113920	28 35	06.94- 09.01	113979	24 4.0
		06.94- 12.94	111154	14 65	06.94- 12.94	110524	24 4.0
		06.94- 09.01	113920	28 35	06.94- 09.01	111982	24 4.0
					06.94- 09.01	113979	24 4.0
612 2.9	[OM602.984]	09.96-	111883	14 115	09.96-	111851	12 2.0
613 4.3	(613D, 614D)[OM904.908]	09.96-	112561	28 80			
		09.96-	113351	28 100			
		09.96-	113448	28 100			
		09.96-	115497	28 80 A49			
		09.96-	115557	28 100 A49			
		09.96-	116585	28 100 A49			
		09.96-	116654	28 80 A49			
		09.96-	116762	28 100			
613 5.7	(T2/L)[OM353.963]	04.77- 08.82	111141	14 55	04.77- 08.82	114523	24 4.0
		09.82- 10.86	110113	28 27	09.82- 10.86	110525	12 3.0
		11.86- 12.88	110895	28 55	11.86- 12.88	111982	24 4.0
		11.86- 12.88	110906	28 30			
	(T2/L)[OM353.966]	04.77- 08.82	111141	14 55	04.77- 08.82	114523	24 4.0
		09.82- 10.86	110113	28 27	09.82- 10.86	110525	12 3.0
		11.86- 12.88	110895	28 55	11.86- 12.88	111982	24 4.0
		11.86- 12.88	110906	28 30			
614 4.3	[OM900.917]	09.96-	112561	28 80	09.96-	111982	24 4.0
		09.96-	113448	28 100	09.96-	114523	24 4.0
		09.96- 04.00	116585	28 100 A49			
		09.96- 04.00	116654	28 80 A49			
	[OM904.908]	09.96- 12.13	116762	28 100			
		09.96-	112561	28 80	09.96-	111982	24 4.0
		09.96-	113448	28 100	09.96-	114523	24 4.0
		09.96- 04.00	116585	28 100 A49			
	(613D, 614D)[OM904.917]	09.96- 04.00	116654	28 80 A49			
		09.96-	112561	28 80	09.96-	111982	24 4.0
		09.96-	113448	28 100	09.96-	114523	24 4.0
		09.96-	116585	28 100 A49			
615 4.3	(615D, 616D)[OM900.918]	09.98-	112561	28 80	09.98-	111982	24 4.0
		09.98-	113448	28 100	09.98-	114523	24 4.0
		09.98-	116585	28 100 A49			
		09.98-	116654	28 80 A49			
	[OM904.923]	09.98-	116762	28 100			
		09.98-	112561	28 80	09.98-	111982	24 4.0
		09.98-	113448	28 100	09.98-	114523	24 4.0
		09.98-	116585	28 100 A49			
	(615D, 616D)[OM904.923]	09.98-	116654	28 80 A49			
		09.98-	116762	28 100			
		09.98-	112561	28 80	09.98-	111982	24 4.0
		09.98-	113351	28 100	09.98-	114523	24 4.0
709 4.0	(T2/LN1)[OM364.906]	04.86- 02.01	110895	28 55	04.86- 02.01	110524	24 4.0
		04.86- 02.01	112159	28 80	04.86- 02.01	113979	24 4.0
		04.86- 02.01	113920	28 35			
	(T2/LN1)[OM364.912]	04.86- 12.94	110895	28 55	04.86- 12.94	110524	24 4.0
		04.86- 12.94	112159	28 80	04.86- 12.94	113979	24 4.0
		04.86- 12.94	113920	28 35			
	(T2/LN1)[OM364.921]	04.86- 12.94	110895	28 55	04.86- 12.94	110524	24 4.0
		04.86- 12.94	112159	28 80	04.86- 12.94	113979	24 4.0
		04.86- 12.94	113920	28 35			
711 4.0	(T2/LN1)[OM354.902]	06.94- 02.01	110895	28 55	06.94- 02.01	110524	24 4.0
		06.94- 02.01	112159	28 80			
		06.94- 02.01	113920	28 35	06.94- 02.01	113979	24 4.0
	(T2/LN1)[OM354.903]	06.94- 02.01	110895	28 55	06.94- 02.01	110524	24 4.0
		06.94- 02.01	112159	28 80			
		06.94- 02.01	113920	28 35	06.94- 02.01	113979	24 4.0
	(T2/LN1)[OM364.950]	04.86- 02.01	112159	28 80	04.86- 02.01	110524	24 4.0
		04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
	(T2/LN1)[OM364.952]	04.86- 02.01	112159	28 80	04.86- 02.01	110524	24 4.0
		04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
	(T2/LN1)[OM364.957]	04.86- 12.94	111154	14 65	04.86- 12.94	110524	24 4.0
		02.92- 02.01	113920	28 35	02.92- 02.01	113979	24 4.0
714 4.0	(T2/LN1)[OM354.923]	06.94- 02.01	110895	28 55	06.94- 02.01	110524	24 4.0
		06.94- 02.01	112159	28 80			
		06.94- 02.01	113920	28 35			
		06.94- 12.94	116654	28 80 A49			
		01.98- 02.01	112561	28 80			
		04.86- 02.01	110895	28 55	04.86- 02.01	110524	24 4.0
809 4.0	(T2/LN1)[OM364.906]	04.86- 02.01	112159	28 80	04.86- 02.01	113979	24 4.0
		04.86- 02.01	113920	28 35			
		11.86- 02.91	110906	28 30			



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	(T2/LN1)[OM364.911]	03.86- 10.86	110113	28 27	03.86- 10.86	110524	24 4.0
		04.86-	110895	28 55	11.86- 02.91	113979	24 4.0
		04.86-	112159	28 80			
		04.86- 02.01	113920	28 35			
		11.86- 02.91	110906	28 30			
	(T2/LN1)[OM364.920]	04.86-	110895	28 55	04.86-	110524	24 4.0
		04.86-	112159	28 80	04.86-	113979	24 4.0
		04.86- 12.94	113920	28 35			
		11.86- 02.91	110906	28 30			
	(T2/LN1)[OM364.921]	04.86- 10.86	110113	28 27	04.86- 10.86	110524	24 4.0
		11.86- 02.91	110895	28 55	11.86- 02.91	113979	24 4.0
		11.86- 02.91	110906	28 30			
		02.92-	112159	28 80			
		02.92- 12.94	113920	28 35			
810 4.0	(T2/LN1)[OM354.903]	04.86- 12.94	113920	28 35	06.94- 02.01	110524	24 4.0
		06.94- 02.01	110895	28 55	06.94- 02.01	113979	24 4.0
		06.94- 02.01	112159	28 80			
		06.94- 02.01	116585	28 100 A49			
		06.94- 02.01	116654	28 80 A49			
		06.96- 02.01	112561	28 80			
		06.96- 02.01	113448	28 100			
811 4.0	(T2/LN1)[OM354.901]	04.86- 12.94	113920	28 35	04.86- 12.94	110524	24 4.0
		06.94-	110895	28 55	04.86- 12.94	113979	24 4.0
		06.94-	112159	28 80			
	(T2/LN1)[OM364.950]	04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
		03.96- 02.01	112561	28 80	03.96- 02.01	110524	24 4.0
		04.96- 02.01	116654	28 80 A49			
	(T2/LN1)[OM364.952]	04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
		03.96- 02.01	112561	28 80	03.96- 02.01	110524	24 4.0
		04.96- 02.01	116654	28 80 A49			
	(T2/LN1)[OM364.958]	02.92-	110895	28 55	02.92-	110524	24 4.0
		02.92- 12.94	113920	28 35	02.92- 12.94	113979	24 4.0
		02.92- 02.01	116654	28 80 A49			
812 2.9	[OM602.984]	09.96-	111883	14 115	09.96-	111851	12 2.0
		09.96-	111890	14 90			
	[OM602.985]	09.96-	111883	14 115	09.96-	111851	12 2.0
		09.96-	111890	14 90	09.96-	114523	24 4.0
812 4.3	[OM904.908]	09.96-	112561	28 80			
		09.96-	113448	28 100			
		09.96-	116585	28 100 A49			
		09.96-	116654	28 80 A49			
813 4.3	(813D, 814D)[OM904.908]	09.96-	112561	28 80	09.96-	111982	24 4.0
		09.96-	113351	28 100	09.96-	114523	24 4.0
		09.96-	113448	28 100			
		09.96-	115497	28 80 A49			
		09.96-	115557	28 100 A49			
		09.96-	116585	28 100 A49			
		09.96-	116654	28 80 A49			
		09.96- 12.13	116762	28 100			
814 4.0	(T2/LN1)[OM354.924]	04.86- 12.94	113920	28 35	04.86- 12.94	113979	24 4.0
		06.94-	110895	28 55	06.94-	110524	24 4.0
	(T2/LN1)[OM354.925]	11.87- 12.94	113920	28 35	11.87- 12.94	114523	24 4.0
		06.94-	110895	28 55	06.94-	110524	24 4.0
	(T2/LN1)[OM364.981]	11.87- 02.01	113920	28 35	11.87- 02.01	113979	24 4.0
	(T2/LN1)[OM364.984]	01.91- 12.94	113920	28 35	01.91- 12.94	113979	24 4.0
					01.91- 12.94	114523	24 4.0
	(T2/LN1)[OM364.986]	11.87- 12.94	113920	28 35	11.87- 12.94	113979	24 4.0
	(T2/LN1)[OM364.987]	02.92- 12.94	113920	28 35	02.92- 12.94	114523	24 4.0
814 4.3	[OM900.917]	09.96-	112561	28 80	09.96-	110524	24 4.0
		09.96-	113448	28 100	09.96-	111982	24 4.0
		09.96-	116585	28 100 A49	09.96-	114523	24 4.0
		09.96-	116654	28 80 A49			
		09.96- 12.13	116762	28 100			
	[OM904.908]	09.96-	112561	28 80	09.96-	110524	24 4.0
		09.96-	113448	28 100	09.96-	111982	24 4.0
		09.96-	116585	28 100 A49	09.96-	113979	24 4.0
		09.96-	116654	28 80 A49	09.96-	114523	24 4.0
	(813D, 814D)[OM904.917]	09.96-	112561	28 80	09.96-	110524	24 4.0
		09.96-	113448	28 100	09.96-	111982	24 4.0
		09.96-	116585	28 100 A49	09.96-	114523	24 4.0
		09.96-	116654	28 80 A49			
		09.96- 12.13	116762	28 100			
815 4.3	(815D, 816D)[OM900.918]	09.96-	112561	28 80	09.96-	111982	24 4.0
		09.96-	113351	28 100	09.96-	114523	24 4.0
		09.96-	113448	28 100			
		09.96-	115497	28 80 A49			
		09.96-	115557	28 100 A49			
		09.96-	116585	28 100 A49			
		09.96-	116654	28 80 A49			
		09.96- 12.13	116762	28 100			
	[OM904.923]	09.96-	112561	28 80	09.96-	111982	24 4.0 BO
		09.96-	113351	28 100	09.96-	114523	24 4.0
		09.96-	113448	28 100			
		09.96-	115497	28 80 A49			
		09.96-	115557	28 100 A49			
		09.96-	116585	28 100 A49			
		09.96-	116654	28 80 A49			
		09.96- 12.10	116762	28 100			
816 4.3	(815D, 816D)[OM904.923]	09.96-	112561	28 80	09.96-	111982	24 4.0
		09.96-	113351	28 100	09.96-	114523	24 4.0
		09.96-	113448	28 100			
		09.96-	115497	28 80 A49			
		09.96-	115557	28 100 A49			
		09.96-	116585	28 100 A49			
		09.96-	116654	28 80 A49			
		09.96- 12.10	116762	28 100			
100 Bus 2.4 Diesel	(631)[OM616.963]	02.88- 01.96	110358	14 55	02.88- 01.96	110368	12 2.3
		02.88- 01.96	111149	14 80			
190 E 1.8	(201)[M102.910]	04.90- 08.93	111354	14 70			



190 E 2.0	(201)[M102.961]	10.82- 08.86	110358	14 55	10.82- 08.86	110862	12 1.5
		09.85- 08.86	110923	14 55	09.85- 08.86	111347	12 1.2
		09.85- 08.86	111093	14 70			
		09.90- 08.93	111354	14 70			
	(201)[M102.962]	10.82- 08.86	110358	14 55	02.85- 12.86	111347	12 1.2
		01.85- 08.93	110923	14 55	10.82- 08.86	110862	12 1.5
		02.85- 12.86	111093	14 70			
		09.90- 08.93	111354	14 70			
190 E 2.3	(201)[M102.983]	04.84- 01.87	110923	14 55	04.84- 01.87	111347	12 1.2
		04.84- 01.87	111093	14 70			
	(201)[M102.985]	09.86- 08.93	110923	14 55	09.86- 08.93	111347	12 1.2
		09.86- 08.93	111093	14 70			
190 E 2.5	(201)[M102.990]	09.88- 08.93	110923	14 55	09.88- 08.93	111347	12 1.2
		PS 09.88- 08.93	111093	14 70			
	(201)[M102.991]	03.89- 08.93	110923	14 55	03.89- 08.93	111347	12 1.2
		03.89- 08.93	111093	14 70			
190 E 2.5 Evolution II	(201)[M102.992]	03.89- 04.90	110923	14 55	03.89- 04.90	111347	12 1.2
		05.90- 08.93	111093	14 70			
		PS 05.90- 08.93	111354	14 70			
190 E 2.6	(201)[M103.942]	09.86- 12.89	111093	14 70			
		09.86- 08.89	112734	14 80			
		01.90- 08.93	111354	14 70			
190 Sedan 2.5 E 2.5-16 (201.0035)	(W201)[M102.990]	03.89- 08.93	110923	14 55	03.89- 08.93	111347	12 1.2
		03.89- 08.93	111093	14 70			
200 CE 2.0	(C124)[M102.963]	03.90- 12.92	110923	14 55	03.90- 12.92	111347	12 1.2
		03.90- 12.92	111093	14 70			
		03.90- 12.92	111354	14 70			
		03.90- 12.92	112734	14 80			
	(C124)[M111.940]	07.92- 07.93	112530	14 120			
		AT 07.92- 07.93	111354	14 70			
200 E 2.0	(124)[M102.962]	09.88- 12.89	110923	14 55	09.88- 12.89	111347	12 1.2
		09.88- 12.89	111093	14 70			
	(124)[M102.963]	12.84- 08.92	110923	14 55	12.84- 08.92	111347	12 1.2
		04.85- 08.92	111093	14 70			
	(124)[M111.940]	10.92- 06.93	111354	14 70			
		10.92- 06.93	111369	14 90			
200 GE 2.0	(W463)[M102.965]				01.90- 07.93	110862	12 1.5
220 CE 2.2	(124)[M111.960]	10.92- 05.93	111354	14 70	10.92- 05.93	111347	12 1.2
		10.92- 05.93	111369	14 90			
220 E 2.2	(124)[M111.960]	10.92- 05.93	111354	14 70	10.92- 05.93	111347	12 1.2
		10.92- 05.93	111369	14 90			
230 C 2.3	(123)[M115.954]	02.76- 03.81	110358	14 55			
230 CE 2.3	(123)[M102.980]	04.80- 12.85	110358	14 55	04.80- 12.85	110862	12 1.5
		03.87- 12.92	110923	14 55	03.87- 12.92	111347	12 1.2
	(124)[M102.982]	03.87- 12.92	111093	14 70			
		Eng. 178859- 03.87- 12.92	111354	14 70			
230 E 2.3	(123)[M102.980]	04.80- 11.85	110358	14 55	04.80- 11.85	110862	12 1.5
		12.84- 06.93	110923	14 55	12.84- 06.93	111347	12 1.2
	(124)[M102.982]	04.85- 06.93	111093	14 70			
		Eng. 178859- 01.85- 06.93	111354	14 70			
	(460)[M115.973]	03.79- 05.80	110358	14 55	03.79- 05.80	110862	12 1.5
		(W460) 02.80- 07.87	110358	14 55	02.80- 07.87	110862	12 1.5
230 GE 2.3	(460)[M102.979]				05.87- 08.92	110862	12 1.5
		(461)			02.93- 08.93	110862	12 1.5
					02.93-	111065	12 2.2
	(W460)[M102.981]	07.82- 05.93	110358	14 55	07.82- 05.93	110862	12 1.5
		(460)[M102.987]			05.87- 08.92	110862	12 1.5
	(W460)	08.86- 05.93	110358	14 55	08.86- 05.93	110862	12 1.5
		(463)[M102.989]			06.90- 02.93	110862	12 1.5
	(461)[M102.996]				09.93-	111065	12 2.2
		(461)[M102.997]			06.93-	110862	12 1.5
	(461)[M102.997]				06.93-	110862	12 1.5
230.4 2.3	(115)[M115.951]	07.73- 12.77	110358	14 55			
230.6 2.3	(114)[M180.954]	01.68- 11.76	110358	14 55			
240 G 2.4 Diesel	(460)[OM616.936]	03.79- 05.80	110358	14 55	03.79- 05.80	110368	12 2.3
240 GD 2.4 Diesel	(W460)	03.79- 08.89	110358	14 55	03.79- 08.89	110368	12 2.3
250 C 2.9	(114)[M130.923]	08.73- 11.76	110358	14 55			
250 G 2.5 Diesel	(460)[OM602.930]				10.87- 12.92	114319	24 2.5
		(463)[OM602.931]			09.89-	111065	12 2.2
250 GD 2.5 Diesel	(W460)				06.90-	114319	24 2.5
					10.87- 10.91	110862	12 1.5
260 E 2.6	(124)[M103.940]	09.85- 12.89	111093	14 70	10.87- 10.91	114319	24 2.5
		09.86- 08.89	112734	14 80			
		01.90- 08.92	111354	14 70			
260 E 2.6 4 Matic	(124)[M103.940]	12.86- 12.89	111093	14 70			
		12.86- 08.89	112734	14 80			
	(124)[M103.943]	09.86- 12.89	111093	14 70			
		09.86- 08.89	112734	14 80			
260 SE 2.5	(126)[M103.941]	01.90- 08.92	111354	14 70			
280 C 2.7	(114)[M110.921]	09.85- 06.91	112734	14 80			
		06.72- 02.77	110358	14 55			
280 CE 2.7	(123)[M110.923]	02.76- 11.85	110358	14 55			
		(114)[M110.981]	06.72- 01.77	110358	14 55		
280 E 2.7	(123)[M110.988]	02.76- 11.85	110358	14 55			
		(114)[M110.981]	06.72- 11.76	110358	14 55		
		(123)[M110.984]	02.76- 11.85	110358	14 55		
		(123)[M110.988]	02.76- 11.85	110358	14 55		
280 E 2.8	(124)[M104.942]	10.92- 06.93	111369	14 90			
		(123)[M110.988]	02.76- 11.85	110358	14 55		
280 GE 2.7	(460)[M110.994]	11.79- 05.80	110358	14 55			
280 GE 2.8	(W460)[M110.994]	11.79- 06.82	110358	14 55			
280 S 2.7	(116)[M110.922]	08.72- 07.80	110358	14 55			
		(126)[M110.924]	08.82- 07.85	111149	14 80		
280 SE 2.7	(116)[M110.985]	08.76- 07.80	110358	14 55			
280 SEL 2.7	(116)[M110.983]	08.72- 07.76	110358	14 55			
		(126)[M110.987]	08.82- 07.85	111149	14 80		
280 SL 2.7	(126)[M110.989]	08.82- 07.85	111149	14 80			
		(107)[M110.982]	08.74- 11.80	110358	14 55		



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	(107)[M110.986]	08.74- 11.80	110358	14	55		
	(107)[M110.990]	08.74- 11.80	110358	14	55		
280 SLC 2.8	(107)[M110.982]	08.74- 09.81	110358	14	55		
	(107)[M110.986]	08.74- 09.81	110358	14	55		
	(107)[M110.990]	08.74- 09.81	110358	14	55		
280 TE 2.8	(124)[M104.942]	10.92- 06.93	111369	14	90		
290 G 2.9 TD	(461)[OM602.983]	07.97-	111890	14	90	07.97- 07.97-	111065 114319
							12 2.2 24 2.5
300 C 2.9 TD	(123)[OM617.952]	09.81- 07.85	110358	14	55	09.81- 07.85	110368
300 E 2.9	(124)[M103.980]	01.85- 12.85	111093	14	70	01.85- 12.85	110862
300 E 3.0	(124)[M103.983]	06.85- 12.89	111093	14	70		
		09.86- 08.89	112734	14	80		
		09.89- 08.92	111354	14	70		
300 E 3.0 4 Matic	(124)[M103.983]	09.86- 12.89	111093	14	70		
		09.86- 08.89	112734	14	80		
		01.90- 02.92	111354	14	70		
	(124)[M103.985]	09.86- 12.89	111093	14	70		
		09.86- 08.89	112734	14	80		
		01.90- 06.93	111354	14	70		
300 E-24 3.0	(W124)[M104.980]	09.88- 08.92	112734	14	80		
300 G 3.0 Diesel	(463)[OM603.931]					09.89- 09.89-	111065 114319
	(460)[OM617.931]	12.79- 05.80	110358	14	55	12.79- 05.80	111065
						12.79- 12.91	110368
							12 2.2 24 2.5
300 GD 3.0 Diesel	(W460)	11.79- 08.89	110358	14	55	11.79- 08.89	110368
300 GE 3.0	(463)[M103.987]					09.89- 06.90- 08.93	111065 110862
		08.90- 08.93	111149	14	80		12 2.2 12 1.5
300 SE 2.9	(126)[M103.981]	09.85- 12.89	112734	14	80		
300 SEL 2.9	(126)[M103.981]	06.85- 06.91	112734	14	80		
300 SEL 3.2	(140)[M104.994]	05.93- 10.98	112194	14	120		
300 SL 2.9	(107)[M103.982]	09.85- 08.89	111093	14	70		
300 SL 3.0	(129)[M103.984]	03.89- 08.93	112530	14	120		
320 CE 3.2	(124)[M104.992]	10.92- 05.93	111369	14	90		
320 E 3.2	(124)[M104.992]	10.92- 06.93	111369	14	90		
350 G 3.4 TD	(463)[OM603.972]	09.91- 09.97	113768	14	95		
		09.91- 10.02	116129	14	90	A49	
		07.94- 06.96	112529	14	90		
350 SE 3.5	(116)[M116.985]	08.74- 04.80	110358	14	55		
350 SEL 3.5	(116)[M116.983]	08.72- 02.76	110358	14	55		
	(116)[M116.985]	08.74- 04.80	110358	14	55		
350 SL 3.5	(107)[M116.982]	05.71- 02.80	110358	14	55		
	(107)[M116.984]	05.71- 02.80	110358	14	55		
350 SLC 3.5	(107)[M116.982]	01.72- 02.76	110358	14	55		
	(107)[M116.984]	01.72- 02.76	110358	14	55		
380 SE 3.8	(126)[M116.961]	01.82- 08.85	111149	14	80		
	(126)[M116.963]	01.82- 08.85	111149	14	80		
380 SEC 3.8	(126)[M116.963]	01.82- 07.85	111149	14	80		
380 SEL 3.8	(126)[M116.961]	01.82- 08.85	111149	14	80		
	(126)[M116.963]	01.82- 08.85	111149	14	80		
380 SL 3.8	(107)[M116.962]	08.82- 08.85	111149	14	80		
400 SE 4.2	(140)[M119.971]	02.91- 05.93	111850	14	143		
400 SEL 4.2	(140)[M119.971]	06.93- 09.95	111850	14	143		
406F 2.2 Diesel	(T2/L)[OM615.910]					01.68- 12.74	110775
420 SE 4.2	(126)[M116.965]	09.85- 06.91	111149	14	80		
420 SE 4.2	(W126)[M116.965]	10.85- 06.91	111149	14	80		
420 SEC 4.2	(126)[M116.965]	10.85- 06.91	111149	14	80		
420 SEL 4.2	(126)[M116.965]	09.85- 03.90	111149	14	80		
450 SEL 4.5	(116)[M117.983]	08.74- 11.75	110358	14	55		
	(116)[M117.986]	12.75- 04.80	110358	14	55		
450 SEL 6.9	(116)[M100.985]	07.75- 03.80	110358	14	55		
450 SL 4.5	(107)[M117.982]	08.74- 10.80	110358	14	55		
	(107)[M117.985]	08.74- 10.80	110358	14	55		
450 SLC 4.5	(107)[M117.982]	09.75- 08.79	110358	14	55		
	(107)[M117.985]	01.73- 11.75	110358	14	55		
450 SLC 5.0	(107)[M117.960]	06.78- 02.80	110358	14	55		
500 SE 4.9	(126)[M117.961]	01.82- 08.85	111149	14	80		
	(126)[M117.963]	01.82- 08.85	111149	14	80		
	(126)[M117.965]	09.85- 06.91	111149	14	80		
500 SE 5.0	(126)[M117.965]	09.85- 06.91	111149	14	80		
	(140)[M119.970]	02.91- 05.93	111850	14	143		
500 SEC 4.9	(126)[M117.963]	08.82- 08.85	111149	14	80		
	(126)[M117.965]	09.85- 06.91	111149	14	80		
500 SEC 5.0	(126)[M117.965]	09.85- 06.91	111149	14	80		
500 SEL 5.0	(126)[M117.961]	01.82- 08.85	111149	14	80		
	(126)[M117.963]	01.82- 08.85	111149	14	80		
	(126)[M117.965]	09.85- 06.91	111149	14	80		
	(140)[M119.970]	02.91- 05.93	111850	14	143		
500 SL 4.9	(107)[M117.960]	01.82- 12.85	111149	14	80		
500 SL 5.0	(129)[M119.960]	09.92- 06.93	111850	14	143		
	(129)[M119.972]	09.92- 06.93	111850	14	143		
55 AMG 5.4	(C208)[M113.984]	09.00- 12.03	113489	14	150	09.00- 12.03	111768
		09.00- 12.03	114836	14	150	RHD 09.00- 12.03	114178
							12 1.7 12 1.4
560 SE 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80		
560 SEC 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80		
560 SEL 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80		
600 SEL 6.0	(140)[M120.980]	Eng. 025950- 04.91- 12.92	111850	14	143		
	(140)[M120.982]	Eng. 025950- 04.91- 12.92	111850	14	143		
63 AMG 5.5	(C218)[M157.981]					01.11- 09.03-	116002
	(R231)[M157.983]						12 1.7 12 1.7
63 AMG 5.5 Shooting Brake	(X218)[M157.981]					10.12- 07.97-	116002
							12 1.0 12 1.0
A 140 1.4	(168)[M166.940]	07.97-	111967	14	90	07.97-	111931
A 140 1.6	(168)[M166.960]	01.01-	111967	14	90	01.01-	111931
A 150 1.5	(169)[M266.920]	09.04-	115418	14	90	09.04-	111931
A 160 1.5 CDI	(W176)[OM607.951]	06.13-	116602	14	175		
A 160 1.5	(W169)[M266.920]	04.09-	114699	14	115	04.09-	115589
		04.09-	115418	14	90		
A 160 1.6	(168)[M166.960]	07.97-	111967	14	90	07.97-	112220
A 160 1.7 CDI	(168)[OM668.940]	02.01-	113251	14	150	02.01-	112220
	(168)[OM668.941]	07.98-	111943	14	90	07.98-	112220
							12 1.7 12 1.7



A 160 2.0 CDI	(169)[OM640.942]	09.04- 09.04- 09.04- 09.04-	114042 114130 116069 116113	14 180 A49 14 150 A49 14 150 14 180	09.04- 09.04-	111931 115607	12 1.0 12 1.7
A 170 1.7 CDI	(168)[OM668.940]	07.98- 07.98- 02.01	111943 113251	14 90 14 150	07.98- 02.01-	112220 111931	12 1.7 12 1.0
A 170 1.7	(169)[M266.940] (W169)	09.04- 04.09- 04.09-	115418 114699 115418	14 90 14 115 14 90			
A 180 1.5 CDI	(W176)[OM607.951]	06.12-	116602	14 175			
A 180 1.8 CDI	(W176)[OM651.901]	06.12-	115759	14 150	06.12-	115607	12 1.7
A 180 2.0 CDI	(169)[OM640.940]	09.04- 09.04- 09.04- 09.04-	114042 114130 116069 116113	14 180 A49 14 150 A49 14 150 14 180	09.04- 09.04- 09.04-	112220 115607 115589	12 1.7 12 1.7 12 1.7
A 190 1.9	(168)[M166.990]	04.99- 08.04	111943	14 90	04.99- 08.04	111931	12 1.0
A 200 1.8 CDI	(W176)[OM651.901]	06.12-	115759	14 150	06.12-	115589	12 1.7
A 200 2.0 CDI	(169)[OM640.941]	09.04- 09.04- 09.04- 09.04-	114042 114130 116069 116113	14 180 A49 14 150 A49 14 150 14 180	09.04- 09.04- 06.12	112220 115607	12 1.7 12 1.7
	(W169)	09.04- 06.12 09.04- 06.12	114130 116069	14 150 14 150			
A 200 2.0	(169)[M266.960]	09.04-	114699	14 115	09.04-	115607	12 1.7
A 200 2.0 Turbo	(169)[M266.980]	09.05-	114699	14 115	09.05-	115607	12 1.7
A 200 2.1 CDI	(W176)[OM651.930]	02.14-	115759	14 150			
A 210 2.1	(168)[M166.995]				Chas. -J869216 03.02-	111931	12 1.0
A 220 2.0	(W176)[M270.920]				05.14-	115589	12 1.7
A 220 2.1 CDI	(W176)[OM651.930]	09.12-	115759	14 150	09.12-	115607	12 1.7
A 220 2.2 Diesel	(W176)[OM651.930]	07.15-	115759	14 150	07.15-	115607	12 1.7
A 220 2.2 Diesel 4-Matic	(W176)[OM651.930]	07.15-	115759	14 150	07.15-	115607	12 1.7
A 250 2.0	(W176)[M270.920]				06.12-	115589	12 1.7
A 250 2.0 4-matic	(W176)[M270.920]				06.12-	115589	12 1.7
A 45 AMG 2.0 4-matic	(W176)[M133.980]				06.13-	115589	12 1.7
AMG A 45 2.0 4-Matic	(W176)[M133.980]				07.15-	115589	12 1.7
AMG CLA 45 2.0 4-Matic	(C117)[M133.980]				07.15-	115589	12 1.7
	(X117)				07.15-	115589	12 1.7
AMG G 63 5.5	(W463)[M157.984]				06.15-	116002	12 1.7
AMG G 63 6.0	(W463)[M279.982]				A25 06.15-	116083	12 1.8
AMG GLA 45 2.0 4-Matic	(X156)[M133.980]				07.15-	115589	12 1.7
AMG GLE 63 5.5 4-Matic	(W166)[M157.982]				04.15-	116002	12 1.7
	(W166)				04.15-	116002	12 1.7
AMG GLE 63 S 5.5 4-Matic	(W166)[M157.982]				04.15-	116002	12 1.7
AMG GT 4.0	(C190)[M178.980]				10.14-	116002	12 1.7
AMG GT 4.0 GTS	(C190)[M178.980]				08.15-	116002	12 1.7
AMG GT 4.0	(C190)[M176.980]				07.20-	116002	12 1.7
AMG GT Roadster 4.0	(R190)[M178.980]				07.20-	116002	12 1.7
B 150 1.5	(W245)[M266.920]	03.05- 03.05-	114699 115418	14 115 14 90	03.05- 04.09-	111931 115589	12 1.0 12 1.7
B 160 1.5 CDI	(W246)[OM607.951]	05.13-	116602	14 175	05.13-	115607	12 1.7
B 170 1.7	(245)[M266.940]	03.05- 03.05-	114699 115418	14 115 14 90			
	(W245)	04.09- 04.09-	114699 115418	14 115 14 90			
B 170 2.0 BiFuel NGT	(W245)[M266.960]	04.08-	114699	14 115	04.08-	111931	12 1.0
B 180 1.5 CDI	(W246)[OM607.951]	02.13-	116602	14 175	02.13-	115589	12 1.7
B 180 1.8 CDI	(W246)[OM651.901]	11.11-	115759	14 150	11.11-	115607	12 1.7
B 180 2.0 CDI	(245)[OM640.940]	03.05- 03.05-	114130 116069	14 150 14 150	03.05- 03.05-	112220 115607	12 1.7 12 1.7
B 200 1.8 CDI	(W246)[OM651.901]	11.11-	115759	14 150	11.11-	115607	12 1.7
B 200 2.0 CDI	(245)[OM640.941]	03.05- 03.05-	114130 116069	14 150 14 150	03.05- 03.05-	112220 115589	12 1.7 12 1.7
	(W245)	03.05- 11.11 03.05- 11.11	114130 116069	14 150 14 150	03.05- 11.11	112220	12 1.7
B 200 2.0	(245)[M266.960]	03.05-	114699	14 115	03.05-	111931	12 1.0
B 200 2.0 Turbo	(245)[M266.980]	03.05-	114699	14 115	03.05-	115607	12 1.7
B 200 2.2 CDI	(W246, W242)[OM651.930]	08.14-	115759	14 150	08.14-	115607	12 1.7
B 200 2.2 CDI 4-Matic	(W246, W242)[OM651.930]	08.14-	115759	14 150	08.14-	115589	12 1.7
B 220 2.0 4-matic	(W246)[M270.920]				05.13-	115589	12 1.7
B 220 2.1 CDI	(W246)[OM651.930]	11.11-	115759	14 150	11.11-	115607	12 1.7
B 220 2.1 Diesel 4 Matic	(W246, W242)[OM651.930]	06.18-	115759	14 150	06.18-	115607	12 1.7
B 220 2.2 CDI	(W246, W242)[OM651.930]	09.14-	115759	14 150	09.14-	115607	12 1.7
B 220 2.2 CDI 4-Matic	(W246, W242)[OM651.930]	09.14-	115759	14 150	09.14-	115607	12 1.7
B 250 2.0	(W246)[M270.920]				05.12-	115589	12 1.7
B 250 2.0 4-Matic	(W246, W242)[M270.920]				08.14-	115589	12 1.7
C 160 1.6	(S205)[M270.910] (W205)	04.15- 04.15-	116631 116631	14 175 14 175	04.15-	116555	12 1.7
C 160 1.8 Kompressor	(203)[M271.921]	05.02- 05.02- 05.08	113877 116322	14 120 A49 14 120	05.02- 05.02- 05.08	113513 116555	12 1.1 12 1.7
C 180 1.6	(A205)[M270.910] (A205)[M274.910] (C204)	06.16- 06.16- 01.13-	116631 116631 116631	14 175 14 175 14 175			
	(C205)	01.13-	116632	14 150			
	(S204)	10.15-	116631	14 175			
	(S205)	02.12- 02.12-	116631 116632	14 175 14 150			
	(W204)	09.14-	116631	14 175			
	(W205)	01.08- 01.08-	116631 116632	14 175 14 150			
		03.14-	116631	14 175			
C 180 1.6 Kompressor	(W204)[M271.910]	01.08- 01.08- 01.14	116099 116490	14 120 14 150			
C 180 1.8	(202)[M111.920]	03.93- 09.95 03.93- 09.95 03.93- 09.95	111354 111369 112530	14 70 14 90 14 120	03.93- 09.95	111347 113513	12 1.2 12 1.1
	(202)[M111.921]	11.94- 11.94- 11.94-	111354 111369 112530	14 70 14 90 14 120	11.94- 11.94-	111347 113513	12 1.2 12 1.1



MERCEDES-BENZ Continued

	(C204)[M271.820]	06.11-	115810	14 120	06.11-	116555	12 1.7
		06.11-	115984	14 150	06.11-	115771	12 1.7
	(S204)	11.09-	115810	14 120	11.09-	116555	12 1.7
		11.09-	115984	14 150	11.09-	115771	12 1.7
C 180 1.8 Kompressor	(203)[M271.946]	05.02-	113877	14 120 A49	05.02-	116555	12 1.7
		05.02- 05.08	116322	14 120			
	(204)[M271.952]	01.07-	116099	14 120			
		01.07- 01.14	116490	14 150			
	(S204)	08.07-	116099	14 120			
		08.07- 08.14	116490	14 150			
C 180 1.8 CGI	(W204)[M271.820]	01.07-	115810	14 120	01.07-	116555	12 1.7
		01.07-	115984	14 150			
		01.07-	116099	14 120			
C 180 2.0	(203)[M111.951]	10.00- 05.02	112535	14 120	10.00- 05.02	113513	12 1.1
					03.01-	114305	12 1.7
					03.01-	114742	12 1.8
	(202)[M111.952]	09.00- 02.01	111890	14 90	09.00- 02.01	111347	12 1.2
		09.00- 02.01	112535	14 120	A25 09.00- 02.01	114742	12 1.8
		09.00- 02.01	113301	14 90	09.00- 02.01	114305	12 1.7
C 180 2.1 CDI	(W204)[OM651.913]	01.11-	115437	14 180	01.11-	116555	12 1.7
		01.11-	115600	14 180			
		01.11-	115988	14 150	01.11-	115771	12 1.7
		01.11-	116185	14 150			
C 180 2.2 CDI	(S204)[OM651.913]	01.11-	115437	14 180	01.11-	116555	12 1.7
		01.11-	115988	14 150			
		01.11-	116185	14 150			
C 200 1.8	(S204)[M271.820]	08.07-	115810	14 120			
		08.07-	115984	14 150			
	(S204)[M271.860]	08.07-	115810	14 120			
C 200 1.8 Kompressor	(203)[M271.940]	05.02-	113877	14 120 A49	05.02-	114093	12 1.7
		05.02- 05.08	116322	14 120	05.02-	115512	12 1.7 A49
	(204)[M271.950]	01.07-	116099	14 120			
		01.07- 01.14	116490	14 150			
	(S204)	08.07-	116099	14 120			
		08.07- 08.14	116490	14 150			
C 200 1.8 CGI	(W204)[M271.820]	01.07-	115810	14 120			
		01.07-	115984	14 150			
		01.07-	116099	14 120			
C 200 1.8 CGI Kompressor	(203)[M271.942]	03.03- 05.08	116322	14 120	A25 07.03-	114742	12 1.8
		07.03-	113877	14 120 A49	07.03-	115512	12 1.7 A49
C 200 2.0 CDI	(202)[OM611.960]	03.98-	112197	14 115	03.98-	111851	12 2.0
		03.98- 05.00	113889	14 90	03.98- 05.00	114742	12 1.8
C 200 2.0 Diesel	(202)[OM601.913]	03.93- 08.95	111354	14 70	03.93- 08.95	111347	12 1.2
		03.93- 08.95	112529	14 90	03.93- 08.95	111851	12 2.0
		03.93- 05.00	116129	14 90 A49			
	(202)[OM604.915]	01.94-	111369	14 90	01.94-	111347	12 1.2
		10.96-	111354	14 70	10.96- 03.01	111851	12 2.0
		10.96- 03.01	111890	14 90			
C 200 2.0		10.96-	112529	14 90			
		10.96- 05.00	116129	14 90 A49			
	(202)[M111.941]	01.94- 04.00	111354	14 70	01.94- 04.00	111347	12 1.2
		01.94- 04.00	111369	14 90			
		01.94- 04.00	112530	14 120	01.94- 04.00	113513	12 1.1
	(202)[M111.944]	11.96-	112529	14 90	11.96-	111851	12 2.0
		11.96- 03.01	113768	14 95	11.96- 03.01	113513	12 1.1
		11.96- 03.01	116129	14 90 A49			
	(202)[M111.945]	01.94-	111354	14 70	01.94-	111347	12 1.2
		01.94-	111369	14 90	01.94-	113513	12 1.1
		01.94-	112530	14 120			
	(A205)[M274.920]	06.16-	116631	14 175			
	(C205)	10.15-	116631	14 175			
	(S205)	09.14-	116631	14 175			
C 200 2.0 4-matic	(A205)[M274.920]	06.16-	116631	14 175			
	(202)[M111.944]	10.95-	112529	14 90	10.95-	111851	12 2.0
C 200 2.0 Kompressor		10.95- 05.00	116129	14 90 A49	11.96- 05.00	113513	12 1.1
		11.96- 05.00	113768	14 95			
	(203)[M111.955]	05.00- 05.02	113300	14 120	05.00- 05.02	113513	12 1.1
	(202)[M111.956]	09.00- 02.01	112529	14 90	09.00- 02.01	111851	12 2.0
		09.00- 03.01	113768	14 95	09.00- 03.01	113513	12 1.1
		09.00- 03.01	116129	14 90 A49			
C 200 2.1 CDI	(203)[OM611.962]	09.00- 02.03	113772	14 190	09.00- 02.03	114093	12 1.7
		03.01-	112428	14 150	03.01-	111851	12 2.0
		03.01-	113953	14 200	03.01-	116555	12 1.7
	(204)[OM646.811]	01.07-	114666	14 180	01.07-	116555	12 1.7
	(S204)	08.07-	114666	14 180	08.07-	116555	12 1.7
	(204)[OM646.812]	01.07-	114666	14 180	01.07-	116555	12 1.7
	(203)[OM646.962]	02.01-	112428	14 150	02.01-	111851	12 2.0
		02.01-	113953	14 200	02.01-	114305	12 1.7
	(S204)[OM651.913]	08.10-	115437	14 180	08.10-	115771	12 1.7
		08.10-	115600	14 180			
		08.10-	115988	14 150	01.11-	116555	12 1.7
		08.10-	116185	14 150			
	(W204)	01.11-	114876	14 180 A49	01.11-	115771	12 1.7
		01.11-	115437	14 180			
		01.11-	115600	14 180			
		01.11-	115988	14 150			
C 200 2.2 CDI	(202)[OM611.960]	03.98- 03.01	113889	14 90	03.98- 03.01	114742	12 1.8
		Eng. 007601- 03.98-	112197	14 115	03.98-	111851	12 2.0
	(203)[OM646.962]	04.03-	113953	14 200	04.03-	116555	12 1.7
C 200 2.2 Diesel	(S205)[OM651.921]	10.15-	116142	14 200			
		10.15- 05.18	116686	14 180			
	(W205)	10.15-	116142	14 200			
C 220 2.1 BlueTec	(W205)[OM651.921]	12.13-	116142	14 200			
		02.14- 05.18	116686	14 180			



C 220 2.1 CDI	(203)[OM611.962]	05.00- 02.03	113772	14 190	05.00- 02.03	114093	12 1.7
		03.01-	112428	14 150	03.01-	111851	12 2.0
	(CL203)	03.01- 06.11	113772	14 190	03.01- 06.11	115512	12 1.7 A49
	(W203)	05.00- 02.07	113772	14 190	05.00- 02.07	115512	12 1.7 A49
	(204)[OM646.811]	01.07-	114666	14 180	01.07-	114742	12 1.8
	(S204)	08.07-	114666	14 180	A25 08.07-	114742	12 1.8
	(W204)	01.07-	114666	14 180	A25 01.07-	114742	12 1.8
	(C204)[OM651.911]	06.11-	115437	14 180	06.11-	114742	12 1.8
		06.11-	115600	14 180	06.11-	114305	12 1.7
		06.11-	115988	14 150			
		06.11-	116185	14 150			
	(S204)	01.07-	114666	14 180	01.07-	114742	12 1.8
	(W204)	01.07-	114876	14 180 A49	01.07-	114742	12 1.8
		01.07-	115437	14 180	01.07-	114305	12 1.7
C 220 2.1 CDI 4-matic	(S204)[OM651.912]	02.13- 08.14	116686	14 180			
	(W204)	02.13- 01.14	116686	14 180			
C 220 2.1 CDI T-Model	(S204)[OM651.911]	12.08-	114876	14 180 A49	12.08-	114742	12 1.8
		12.08-	115437	14 180			
		12.08-	115600	14 180			
		12.08-	115988	14 150	12.08-	114305	12 1.7
		12.08-	116185	14 150			
		12.08-	116309	14 180			
C 220 2.1 Diesel	(A205)[OM651.921]	06.16-	116142	14 200			
		06.16- 05.18	116686	14 180			
C 220 2.2 CDI	(202)[OM611.960]	09.97- 03.01	113889	14 90	09.97- 03.01	115512	12 1.7 A49
	Eng. 007601-	09.97-	112197	14 115	09.97-	111851	12 2.0
		02.04-	113953	14 200	02.04-	114742	12 1.8
	(203)[OM646.963]				02.04-	115512	12 1.7 A49
	(S203)	08.06-	110895	28 55	08.06-	111347	12 1.2
	(S204)[OM651.911]	01.09-	115437	14 180	01.09-	114742	12 1.8
		01.09-	115600	14 180	01.09-	114305	12 1.7
C 220 2.2 Diesel	(202)[OM604.910]	08.93- 06.99	111354	14 70	06.96-	111065	12 2.2
		08.93- 06.99	111890	14 90	08.93- 06.99	111851	12 2.0
		08.93- 06.99	112529	14 90	08.93- 06.99	112440	12 2.2
		08.93- 05.00	116129	14 90 A49	08.93- 06.99	114093	12 1.7
	(A205)[OM651.921]	06.16-	116142	14 200			
		06.16- 05.18	116686	14 180			
	(C205)	10.15-	116142	14 200			
		10.15- 05.18	116686	14 180			
	(A205)[OM651.921]	06.16-	116142	14 200			
		06.16- 05.18	116686	14 180			
C 220 2.2 Diesel 4-Matic	(C205)	04.16-	116142	14 200			
		04.16- 05.18	116686	14 180			
	(S205)	04.15-	116142	14 200			
		04.15- 05.18	116686	14 180			
		04.15- 05.18	116702	14 250			
	(W205)	04.15-	116142	14 200			
		04.15- 05.18	116686	14 180			
C 220 2.2 Diesel BlueTec	(S205)[OM651.921]	09.14-	116142	14 200			
		09.14- 05.18	116686	14 180			
C 220 2.2	(202)[M111.961]	03.93- 09.96	111354	14 70	03.93- 09.96	111851	12 2.0
		03.93-	111369	14 90	03.93- 09.96	114093	12 1.7
		03.93- 09.96	112530	14 120			
C 230 1.8 Kompressor	(203)[M271.948]	05.02-	113877	14 120 A49	RHD 05.02-	114178	12 1.4
		05.02- 05.08	116322	14 120			
C 230 2.3	(202)[M111.974]	06.96- 05.97	111369	14 90	06.96- 05.97	111347	12 1.2
		06.96- 05.97	112530	14 120	06.96- 06.98	113513	12 1.1
C 230 2.3 Kompressor	(202)[M111.975]	10.95- 05.00	113768	14 95	10.95- 05.00	113513	12 1.1
		10.95- 05.00	116129	14 90 A49	06.97-	111347	12 1.2
		06.97-	112529	14 90	RHD 06.97- 09.00	114178	12 1.4
	(203)[M111.981]	03.01-	113300	14 120	03.01-	113513	12 1.1
C 230 2.5	(203)[M272.920]	01.05- 05.08	115905	14 150	RHD 01.05- 05.08	114178	12 1.4
					01.05-	115825	12 1.1
	(204)[M272.921]	01.07-	115905	14 150	RHD 01.07-	115825	12 1.1
	(S204)	08.07-	115905	14 150			
C 230 2.5 4 Matic	(W204)[M272.911]	07.07-	115905	14 150	RHD 07.07-	115825	12 1.1
C 240 2.4	(202)[M112.910]	06.97-	111902	14 115	06.97-	111768	12 1.7
		06.97-	113302	14 120	06.97- 05.00	113282	12 1.4
		06.97- 05.00	113835	14 120			
C 240 2.6	(203)[M112.912]	05.00-	113302	14 120	05.00- 03.01-	111768	12 1.7
					03.01-	113282	12 1.4
	(202)[M112.915]	09.00- 03.01	111902	14 115	09.00- 03.01	111768	12 1.7
					09.00- 03.01	113282	12 1.4
C 240 2.6 4 Matic	(203)[M112.916]				09.02-	113282	12 1.4
C 250 1.8	(C204)[M271.860]	06.11-	115810	14 120	06.11-	114742	12 1.8
		06.11-	115984	14 150			
C 250 1.8 CGI	(S204)[M271.860]	07.09-	115810	14 120	07.09-	114742	12 1.8
		07.09-	115984	14 150	07.09-	116555	12 1.7
		07.09-	116099	14 120			
C 250 1.8 CGi	(W204)[M271.860]	07.09-	115810	14 120	07.09-	114742	12 1.8
		07.09-	115984	14 150	07.09-	114305	12 1.7
		07.09-	116099	14 120			
C 250 2.1 BlueTec	(S205)[OM651.921]	09.14-	116142	14 200	02.14-	115771	12 1.7
		09.14- 05.18	116686	14 180			
	(W205)	02.14-	116142	14 200			
C 250 2.1 BlueTEC 4-matic	(W205)[OM651.921]	02.14-	116142	14 200	02.14-	115771	12 1.7
C 250 2.1 CDI	(C204)[OM651.911]	06.11-	115437	14 180	06.11-	114305	12 1.7
		06.11-	115600	14 180	A25 06.11-	114742	12 1.8
		06.11-	115988	14 150			
		06.11-	116185	14 150			



MERCEDES-BENZ Continued

	(W204)	08.08- 08.08- 08.08- 08.08- 08.08-	114876 115600 115988 116185 116309	14 180 14 180 14 150 14 150 14 180	A49	08.08- 08.08- 08.08-	114742 114305 115771	12 1.8 12 1.7 12 1.7
C 250 2.1 CDI 4-matic	(S204)[OM651.912] (W204)	04.10- 08.14 01.11- 01.11- 01.14	116686 115600 116686	14 180 14 180 14 180		01.11-	114742	12 1.8
C 250 2.2 Diesel	(A205)[OM651.921] (C205)	06.16- 06.16- 05.18 10.15- 10.15- 05.18	116142 116686 116142 116686	14 200 14 180 14 200 14 180				
C 250 2.2 Diesel 4-Matic	(C205)[OM651.921] (S205)	04.16- 04.16- 05.18 10.14- 10.14- 05.18	116142 116686 116142 116686	14 200 14 180 14 200 14 180				
C 250 2.5 Diesel	(202)[OM605.910]	05.93- 08.95 05.93- 08.95 05.93- 05.00	111354 112529 116129	14 70 14 90 14 90	A49	05.93- 08.95 05.93- 08.95 05.93- 05.00	111851 113276 116555	12 2.0 12 1.1 12 1.7
C 250 2.5 TD	(202)[OM605.960]	10.95- 10.95- 05.00 10.95- 05.00	112529 113768 116129	14 90 14 95 14 90	A49	10.95- 10.95- 05.00 10.95- 05.00	111851 113513 116555	12 2.0 12 1.1 12 1.7
C 270 2.7 CDI	(203)[OM612.962]	03.01- 04.01-	112428 113772	14 150 14 190		03.01- 03.01-	112440	12 2.2
C 270 2.8 CDI	(S203)[OM612.962] (W203)	03.01- 08.07 12.00- 02.07	113772 113772	14 190 14 190		03.01- 08.07 12.00- 02.07	111851 112440	12 2.0 12 2.2
C 280 2.8	(202)[M104.941] (202)[M112.920]	05.93- 05.97 05.93- 05.97 06.97- 02.01 06.97- 02.01 06.97- 03.01	111369 112530 111902 113302 113835	14 90 14 120 14 115 14 120 14 120		05.93- 05.97 05.93- 05.97 06.97- 02.01 06.97- 02.01 RHD 06.97- 02.01	111768 113282 111768 113282 114178	12 1.7 12 1.4 12 1.7 12 1.4 12 1.4
C 280 3.0	(203)[M272.940] (204)[M272.947] (S204)	01.05- 01.07- 08.07-	115905 115905 115905	14 150 14 150 14 150		RHD 01.05- RHD 01.07- RHD 01.07-	114178 115825	12 1.4 12 1.1
C 280 3.0 4 Matic	(203)[M272.941] (W204)[M272.948]	01.05- 07.07- 01.14 07.07-	115905 115532 115905	14 150 14 180 14 150		RHD 01.05- RHD 07.07- 01.14 RHD 07.07-	114178 115825 115825	12 1.4 12 1.1 12 1.4 12 1.1
C 30 AMG 3.0 CDI	(203)[OM612.990]	09.02-	112425	14 150		09.02-	111851	12 2.0
C 300 2.0	(S205)[M274.920] (W205)					07.19- 07.19-	116555 116555	12 1.7 12 1.7
C 300 2.0 4-Matic	(W205)[M274.920]					07.19-	116555	12 1.7
C 300 2.0 C 300 d 4-matic (206.007)	(W205)[M274.920]					07.19-	116555	12 1.7
C 300 2.1 Hybrid BlueTec	(W205)[OM651.921]	05.14- 05.18	116702	14 250		05.14- 05.18	116555	12 1.7
C 300 2.2 Hybrid BlueTEC Hybrid	(S205)[OM651.921]	10.14- 05.18	116702	14 250		10.14- 05.18	116555	12 1.7
C 300 3.0 CDI 4-matic	(S204)[OM642.832] (W204)	06.11- 08.14 06.11- 08.14 01.11- 01.11-	114042 116113 114042 116113	14 180 14 180 14 180 14 180	A49	06.11- 08.14 06.11- 08.14 01.11- 01.11-	114742 116555 114742 116555	12 1.8 12 1.7 12 1.8 12 1.7
C 300 3.0	(W204)[M272.947]	07.09-	115905	14 150		07.09- RHD 07.09-	114178 115825	12 1.4 12 1.1
C 300 3.0 4-Matic	(W204)[M272.948]	07.07- 01.14 07.07-	115532 116171	14 180 14 150		07.07- 01.14 07.07- RHD 07.07-	114178 116555 115825	12 1.4 12 1.7 12 1.1
C 32 AMG 3.2	(203)[M112.961]	02.01-	113302	14 120		02.01-	113282	12 1.4
C 32 AMG 3.2 Kompressor	(203)[M112.961]	05.02-	113835	14 120		05.02- 05.02- 05.08	113282 114178	12 1.4 12 1.4
C 320 3.0 CDI	(203)[OM642.910] (204)[OM642.960] (S204) (W204)[OM642.961]	01.05- 01.05- 01.07- 01.07- 08.07- 08.07- 07.07- 07.07-	114042 116113 114042 116113 114042 116113 114042 116113	14 180 14 180 14 180 14 180 14 180 14 180 14 180 14 180	A49	01.05- 01.05- 01.07- 01.07- 08.07- 08.07- 07.07- 07.07-	111768 114178 113282 114178 113282 114178 113282 114178	12 1.7 12 1.4 12 1.4 12 1.4 12 1.4 12 1.4 12 1.4 12 1.4
C 320 3.0 CDI 4 Matic	(S204)[OM642.961]	08.07- 08.07-	114042 116113	14 180 14 180	A49	08.07- 08.07-	113282	12 1.4
C 320 3.2	(203)[M112.946]	05.00-	113302	14 120		05.00-	111768	12 1.7
C 320 C 3.2	(203)[M112.946]	09.02-	113302	14 120		09.02-	113282	12 1.4
C 350 3.0 CDI	(S204)[OM642.834] (W204)	06.11- 06.11-	115924 115924	14 180 14 180		RHD 06.11- A25 06.11- RHD 06.11- A25 06.11-	114178 116083 114178 116084	12 1.4 12 1.8 12 1.4 12 1.8
C 350 3.0 CDI 4-matic	(S204)[OM642.961]	08.07- 12.11 08.07- 12.11	114042 116113	14 180 14 180	A49	LHD 08.07- 12.11 A25 08.07- 12.11	111768 116083	12 1.7 12 1.8
C 350 3.5	(203)[M272.960] (204)[M272.961] (S204) (W204)[M276.957]	01.05- 01.07- 08.07- 01.11-	115905 115905 115905 115905	14 150 14 150 14 150 14 150		01.05- 01.07- RHD 08.07- RHD 08.07- Chas. -F507076 01.11- 01.11-	114093 115512 115825 114178 115770	12 1.7 12 1.7 12 1.7 12 1.7 12 1.4 12 1.1
C 350 3.5 4 Matic	(203)[M272.960] (203)[M272.970] (W204)[M272.971]	01.05- 01.05- 07.07- 01.14 07.07- 07.07- 07.07-	115905 115905 115532 115905 116171	14 150 14 150 14 180 14 150 14 150		Chas. -F507076 01.05- Chas. -F507076 01.05- RHD 07.07- RHD 07.07- 01.14 RHD 07.07-	113282 113282 115825 113282 114178	12 1.4 12 1.4 12 1.1 12 1.4 12 1.4
C 350 3.5 CGI	(W204)[M272.982]	09.08-	115905	14 150		RHD 09.08- RHD 09.08-	114178 115825	12 1.4 12 1.1
C 350 E 2.0 Diesel	(S205)[M274.920] (W205)					02.15- 02.15-	116555 116555	12 1.7 12 1.7
C 36 AMG 3.6	(202)[M104.941]	05.94- 05.94-	111369 112530	14 90 14 120		05.94-	111851	12 2.0
C 43 AMG 4.3	(202)[M113.944]	08.97- 04.00	111850	14 143	Change pulley	08.97- 04.00	111768	12 1.7
C 55 AMG 5.4	(W203)[M113.988]	09.05- 12.06	114836	14 150		09.05- 12.06 RHD 09.05- 12.06	111768 114178	12 1.7 12 1.4
C 63 AMG 4.0	(C205)[M177.980] (S205)					02.16- 10.15-	116002 116002	12 1.7 12 1.7
C 63 AMG 6.2	(S204)[M156.985] (W204)	02.08- 02.08-	115532 115532	14 180 14 180		02.08- 02.08-	116002 116002	12 1.7 12 1.7



C 63 S AMG 4.0	(C205)[M177.980]					02.16-	116002	12	1.7
	(S205)					10.15-	116002	12	1.7
	(W205)					10.14-	116002	12	1.7
C180 1.6 Kompressor T-Model	(S204)[M271.910]	01.08- 01.08- 08.14	116099 116490	14 120 14 150					
Citan 1.5 CDI	(415)[OM607.951]	11.12- 11.12-	115431 116355	14 150 A49 14 150		11.12- 11.12-	113897 115624	12 12	1.4 1.2
Citan 111 1.5 CDi	(415)[OM607.951]	06.13- 06.13-	115431 116355	14 150 A49 14 150		06.13- 06.13-	113897 115624	12 12	1.4 1.2
Citan Mixto 1.5 CDI	(415)[OM607.951]	11.12- 11.12-	115431 116355	14 150 A49 14 150		11.12- 11.12-	113897 115624	12 12	1.4 1.2
CL 500 5.0	(Z15)[M113.960]	03.99-	113489	14 150		03.99-	111768	12	1.7
CL 500 5.5	(Z16)[M273.961]	06.06- 12.13	115532	14 180	RHD	06.06- 12.13	114178	12	1.4
CL 500 5.5 4 Matic	(C216)[M273.968]	06.06-	116081	14 220	A25	06.06-	116002	12	1.7
		02.08-	115532	14 180	A25	02.08-	116002	12	1.7
		02.08-	116101	14 220	RHD	02.08-	115825	12	1.1
		02.08- 12.13	116768	14 220					
CL 55 AMG 5.4	(Z15)[M113.986]	10.99- 03.06	111850	14 143		10.99- 03.06	111768	12	1.7
CL 55 AMG 5.4 Kompressor	(Z15)[M113.991]	06.02-	114737	14 180		06.02-	111768	12	1.7
CL 600 5.5	(Z15)[M275.950]	09.02- 03.06	115905	14 150		09.02- 03.06	111768	12	1.7
CL 600 5.8	(Z16)[M275.953]	05.06-	116100	14 220					
	(Z20)[M137.970]	03.99-	112428	14 150		03.99-	111768	12	1.7
CL 63 AMG 6.2	(Z16)[M156.984]	10.06-	116057	14 220		10.06-	116002	12	1.7
CL 63 AMG 6.2	(C216)[M156.984]	09.07- 12.11	116057	14 220					
CL 65 AMG 6.0	[M275.980]	09.03- 03.06	115905	14 150		09.03- 03.06	111768	12	1.7
	(Z16)[M275.982]	10.06-	116100	14 220					
CL 65 AMG 6.0 AMG	(C216)[M275.982]	02.11-	116100	14 220					
CLA 180 1.5 CDI	(C117)[OM607.951]	10.13-	116602	14 175		10.13-	115607	12	1.7
CLA 180 1.5 Diesel Shooting Brake	(X117)[OM607.951]	07.15-	116602	14 175		07.15-	115589	12	1.7
CLA 180 1.6 Shooting Brake	(X117)[M270.910]					01.15-	115589	12	1.7
CLA 200 1.6	(C117)[M270.910]	07.18-	116467	14 150		07.18-	115589	12	1.7
CLA 200 1.6 Shooting Brake	(X117)[M270.910]					01.15-	115589	12	1.7
CLA 200 1.8 CDI	(C117)[OM651.901]	06.13-	115759	14 150		06.13-	115607	12	1.7
CLA 200 2.2 CDI	(C117)[OM651.930]	07.14-	115759	14 150		07.14-	115607	12	1.7
CLA 200 2.2 CDI 4-Matic	(C117)[OM651.930]	07.14-	115759	14 150		07.14-	115607	12	1.7
CLA 200 2.2 CDI Shooting Brake	(X117)	01.15-	115759	14 150		01.15-	115589	12	1.7
	(X117)[OM651.930]	01.15-	115759	14 150		01.15-	115607	12	1.7
CLA 220 2.0 4-matic	(C117)[M270.920]					04.16-	115589	12	1.7
CLA 220 2.1 CDI	(X117)					04.16-	115589	12	1.7
	(C117)[OM651.930]	01.13-	115759	14 150		01.13-	115607	12	1.7
CLA 220 2.1 Diesel 4 Matic Shooting Brake	(X117)[OM651.930]	07.18-	115759	14 150		07.18-	115607	12	1.7
						07.18- 03.19	115589	12	1.7
CLA 220 2.1 Diesel Shooting Brake	(X117)[OM651.930]	07.18-	115759	14 150		07.18-	115607	12	1.7
						07.18- 03.19	115589	12	1.7
CLA 220 2.2 CDI	(C117)[OM651.930]	09.14-	115759	14 150		09.14-	115607	12	1.7
CLA 220 2.2 CDI 4-Matic	(C117)[OM651.930]	07.14-	115759	14 150		07.14-	115607	12	1.7
		01.15-	115759	14 150		01.15-	115607	12	1.7
CLA 220 2.2 CDI Shooting Brake	(X117)[OM651.930]	01.15-	115759	14 150		01.15-	115607	12	1.7
						01.15-	115589	12	1.7
						01.15-	115607	12	1.7
						01.15-	115589	12	1.7
CLA 250 2.0	(C117)[M270.920]					01.13-	115589	12	1.7
CLA 250 2.0 4-matic	(C117)[M270.920]					07.13-	115589	12	1.7
	(X117)					01.15-	115589	12	1.7
CLA 250 2.0 Shooting Brake	(X117)[M270.920]					01.15-	115589	12	1.7
CLA 45 AMG 2.0 4-matic	(C117)[M133.980]					07.13-	115589	12	1.7
CLC 220 2.1 CDI	[OM646.962]	05.08-	113953	14 200		01.15-	115589	12	1.7
						05.08-	114093	12	1.7
	(CL203)[OM646.963]	05.08- 06.11	113953	14 200		05.08- 06.11	115512	12	1.7 A49
CLC 230 2.5	[M272.920]	05.08- 06.11	115905	14 150		05.08- 06.11	114093	12	1.7
						RHD 05.08- 06.11	114178	12	1.4
CLC 350 3.5	[M272.960]	05.08- 06.11	115905	14 150					
CLK 200 2.0	(Z08)[M111.941]	01.94- 04.00	111369	14 90		01.94- 04.00	111347	12	1.2
		01.94- 04.00	112530	14 120		01.94- 04.00	113513	12	1.1
	(Z08)[M111.945]	06.97-	111369	14 90		06.97-	111347	12	1.2
		06.97-	112530	14 120		06.97-	113513	12	1.1
CLK 200 2.0 Kompressor	(Z08)[M111.944]	06.97-	112529	14 90		06.97-	111347	12	1.2
		06.97- 06.00	113768	14 95					
		06.97- 06.00	116129	14 90 A49					
	(Z09)[M271.940]	02.03- 02.03-	113877 116322	14 120 A49 14 120					
CLK 200 2.0 16V	(Z08)[M111.941]	03.98-	111369	14 90		03.98-	111347	12	1.2
		03.98-	112530	14 120					
	(Z08)[M111.945]	03.98- 03.98-	111369 112530	14 90 14 120		03.98-	111347	12	1.2
CLK 200 2.0 CGI Kompressor	(Z09)[M271.942]	07.03- 07.03-	113877 116322	14 120 A49 14 120					
		01.05-	113953	14 200		01.05- 01.05- 10.06-	112440 114093 115512	12 12 12	2.2 1.7 1.7 A49
CLK 220 2.1 CDI	(C209)	01.05- 05.09	113953	14 200		01.05- 05.09	111851	12	2.0
						01.05- 05.09	114093	12	1.7
						01.05- 05.09	115512	12	1.7 A49
CLK 230 2.3 Kompressor	(Z08)[M111.973]	06.96- 01.00	113486	14 90		06.96- 01.00	111347	12	1.2
		06.97- 06.00	113768	14 95					
	(Z08)[M111.975]	06.97-	112529	14 90		06.97-	111347	12	1.2
		06.97- 06.00	113768	14 95					
CLK 240 2.4	[M112.912]	06.97- 06.00	116129	14 90 A49					
		06.00- 01.03	113301	14 90		06.00- 01.03	111347	12	1.2
CLK 270 2.7 CDI	(Z09)[OM612.962]	02.03-	113302	14 120		02.03-	113282	12	1.4
CLK 280 3.0	(Z09)[OM612.967]	10.02-	113772	14 190		10.02-	111851	12	2.0
		10.02-	113772	14 190		10.02-	111851	12	2.0
CLK 320 3.0 CDI	(Z09)[M272.940]	01.05-	115905	14 150		RHD 01.05-	114178	12	1.4
CLK 320 3.0 CDI	(Z09)[OM642.910]	01.05-	114042	14 180 A49					
		01.05-	116113	14 180					
		06.97-	111902	14 115		03.98- 06.97-	114178 111768	12 12	1.4 1.7
CLK 320 3.2	(Z08)[M112.940]	06.97-	113302	14 120		06.97- 06.02	113282	12	1.4
		06.97- 06.02	113835	14 120					
	[M112.955]	02.03-	113302	14 120		02.03-	113282	12	1.4



MERCEDES-BENZ Continued

CLK 350 3.5	(209)[M272.960]	01.05-	115905	14	150	RHD	01.05-	114178	12	1.4
CLK 430 4.3	(208)[M113.943]	Chas. -F180102-, -T091959- 07.98-	111850	14	143	Change pulley	07.98-	111768	12	1.7
		Chas. F180102-, T091959- 07.98- 06.02	114836	14	150					
CLK 430 4.3 V8	(208)[M113.943]	Chas. -F180102-, -T091959- 09.98-	111850	14	143	Change pulley	09.98-	111768	12	1.7
		Chas. F180102-, T091959- 09.98- 03.02	114836	14	150					
CLK 500 5.5	(A209)[M273.967]	06.06-	115532	14	180		06.06-	111768	12	1.7
						RHD	06.06-	114178	12	1.4
CLK 55 AMG 5.4	(208)[M113.981]	01.00- 03.02	113489	14	150		01.00- 03.02	111768	12	1.7
		01.00- 03.02	114836	14	150					
	(208)[M113.984]	Chas. -F198563, Chas. -T102652	114836	14	150		01.00-	111768	12	1.7
CLK 55 AMG 5.4	(A208)[M113.984,M113.981]	09.01- 03.02	113489	14	150		09.01- 03.02	111768	12	1.7
		09.01- 03.02	114836	14	150					
CLK 55 AMG 5.5	(208)[M113.984]	Chas. F180103-	114836	14	150		08.99- 06.02	111768	12	1.7
CLK 55 DTM AMG 5.4	(209)[M113.994]						06.04-	111768	12	1.7
							06.04-	114178	12	1.4
CLS 218 2.2 CDI	(C218)[OM651.924]	04.11-	114876	14	180	A49	A25 04.11-	114742	12	1.8
		04.11-	115437	14	180		04.11-	114305	12	1.7
		04.11-	115600	14	180		A25 04.11-	116083	12	1.8
		04.11-	116309	14	180					RHD
		A25 04.11-	116142	14	200					
CLS 218 3.0 CDI	(C218)[OM642.853]	01.11-	115924	14	180		A25 01.11-	116084	12	1.8
CLS 220 2.1 BlueTec	(C218)[OM651.924]	05.14-	114876	14	180	A49	05.14-	114742	12	1.8
		05.14-	115600	14	180		05.14-	114305	12	1.7
		05.14-	116142	14	200					
		05.14-	116309	14	180					
CLS 220 Shooting Brake 2.1 BlueTec	(X218)[OM651.924]	05.14-	116142	14	200		05.14-	114742	12	1.8
							05.14-	114305	12	1.7
CLS 250 2.1 BlueTEC 4-matic	(C218)[OM651.924]	05.14-	116142	14	200					
CLS 250 2.1 CDI Shooting Brake	(X218)[OM651.924]	10.12-	114876	14	180	A49	05.14-	114305	12	1.7
		10.12-	115437	14	180		05.14-	114742	12	1.8
		10.12-	115600	14	180		10.12-	114742	12	1.8
		10.12-	116142	14	200		10.12-	114305	12	1.7
		10.12-	116309	14	180					
CLS 250 Shooting Brake 2.1 BlueTEC 4-matic	(X218)[OM651.924]									
CLS 280 3.0	(C219)[M272.943]	04.09-	115905	14	150					
CLS 320 3.0 CDI	(Z19)[OM642.920]	01.05-	116060	14	180	A49	01.05-	111768	12	1.7
CLS 350 3.0 BlueTEC	(C218)[OM642.852]	11.12-	116377	14	200		A25 11.12-	116083	12	1.8
							A25 11.12-	116084	12	1.8
	(C218)[OM642.853]	11.12-	116377	14	200		A25 11.12-	116083	12	1.8
							A25 11.12-	116084	12	1.8
CLS 350 3.0 BlueTEC 4-matic	(C218)[OM642.858]	11.12-	116377	14	200		A25 11.12-	116083	12	1.8
							A25 11.12-	116084	12	1.8
CLS 350 3.0 CDI 4-matic	(C218)[OM642.854]	09.11-	115924	14	180		RHD 09.11-	114178	12	1.4
CLS 350 3.0 CDI Shooting Brake	(X218)[OM642.853]	10.12-	116377	14	200		A25 10.12-	116083	12	1.8
		10.12-	115924	14	180					
	(X218)[OM642.854]	10.12-	116377	14	200		A25 10.12-	116083	12	1.8
		A25 10.12-	115924	14	180					RHD
CLS 350 3.0 Diesel 4-Matic	(C218)[OM642.854]	04.15-	116377	14	200		A25 04.15-	116083	12	1.8
	(X218)	04.15-	116377	14	200		A25 04.15-	116083	12	1.8
	(C218)[OM642.858]	04.15-	116377	14	200		A25 04.15-	116084	12	1.8
	(X218)	04.15-	116377	14	200		A25 04.15-	116084	12	1.8
CLS 350 3.0 Diesel Bluetec Shooting	(X218)[OM642.852, OM642.853]	05.14- 12.17	116377	14	200		A25 05.14- 12.17	116084	12	1.8
CLS 350 3.5	(Z19)[M272.964]	10.04-	114454	14	180		10.04-	111768	12	1.7
		10.04- 12.10	115532	14	180		10.04- 12.10	114178	12	1.4
		10.04-	115905	14	150					
	(Z19)[M272.985]	04.06-	114454	14	180		04.06-	111768	12	1.7
		04.06- 12.10	115532	14	180		04.06- 12.10	114178	12	1.4
		04.06-	115905	14	150					
CLS 350 Shooting Brake 3.0 BlueTec	(X218)[OM642.853]	05.14-	116377	14	200		A25 05.14-	116084	12	1.8
CLS 350 Shooting Brake 3.0 BlueTEC 4-matic	(X218)[OM642.858]	05.14-	116377	14	200		A25 05.14-	116083	12	1.8
										RHD
CLS 500 5.0	(Z19)[M113.967]	10.04-	114836	14	150		10.04-	116002	12	1.7
CLS 500 5.5	(Z19)[M273.960]	04.06-	114454	14	180		04.06-	116002	12	1.7
		04.06-	115532	14	180					
CLS 55 AMG 5.4	(Z19)[M113.990]	01.05-	114737	14	180		01.05-	111768	12	1.7
CLS 55 AMG 5.4	(C219)[M113.990]	09.05- 12.06	114737	14	180					
CLS 63 AMG 5.5	(C218)[M157.981]						02.13-	116002	12	1.7
	(X218)						05.13-	116002	12	1.7
CLS 63 AMG 5.5 4-matic	(C218)[M157.981]						02.13-	116002	12	1.7
CLS 63 AMG 5.5 AMG	(C218)[M157.981]						02.11-	116002	12	1.7
CLS280 3.0	(C219)[M272.943]	07.08-	115905	14	150					
E 180 1.6	(W212)[M274.910]	08.13- 12.15	116631	14	175		08.13- 12.15	116555	12	1.7
E 200 1.8	(W212)[M271.958]	03.11-	116099	14	120					
		03.11- 12.15	116490	14	150					
E 200 1.8 NGT	(Z11)[M271.941]	03.04-	116463	14	150					
E 200 1.8 CGI	(A207)[M271.820]	01.10-	115810	14	120		01.10-	116555	12	1.7
		01.10-	115984	14	150		01.10-	115771	12	1.7
	(C207)	01.10-	115810	14	120		01.10-	115771	12	1.7
		01.10-	115984	14	150					
	(A207)[M271.860]	01.10-	115810	14	120		01.10-	115771	12	1.7
		01.10-	115984	14	150					
	(C207)	01.10-	115810	14	120		01.10-	115771	12	1.7
		01.10-	115984	14	150					
E 200 1.8 Kompressor	[M271.941]	11.02-	113877	14	120	A49	11.02-	116555	12	1.7
		11.02-	116322	14	120					
		11.02-	116463	14	150					
	(Z11)[M271.956]	04.06-	116463	14	150					
E 200 1.8 CGI	(S212)[M271.820]	11.09-	115810	14	120		11.09-	116555	12	1.7
		11.09-	115984	14	150		11.09-	115771	12	1.7
		11.09- 12.16	116490	14	150					
	(W212)	08.09-	115810	14	120		08.09-	115771	12	1.7
		08.09-	115984	14	150					
		08.09- 12.15	116490	14	150					
	(S212)[M271.860]	11.09-	115810	14	120		11.09-	115771	12	1.7
		11.09-	115984	14	150					
		11.09- 12.16	116490	14	150					
	(W212)	08.09-	115810	14	120					
		08.09- 12.15	116490	14	150					



E 200 2.0 Diesel	(124)[OM601.912]	07.93- 07.93-	110923 111093	14 55 14 70	07.93-	111347	12 1.2
	(210)[OM604.917]	06.95- 01.96- 03.02 03.97-	111883 116129 112529	14 115 14 90 A49 14 90	06.95- 03.97-	111851 113513	12 2.0 12 1.1
	(124)[M111.940]	06.93- 06.96 06.93- 06.96 06.93- 06.95	111354 111369 112530	14 70 14 90 14 120	06.93- 06.96 06.93- 06.97 06.93- 06.95 06.93- 06.96-	111347 111851 113513 111065 113513 111347	12 1.2 12 2.0 12 1.1 12 2.2 12 1.1 12 1.2
	(210)[M111.942]	06.95- 06.96-	112530 111369	14 120 14 90	06.95- 06.96-	113513 111347	12 1.1 12 1.2
E 200 2.0	(A207)[M274.920]	03.13- 03.13-	116631 116632	14 175 14 150			
	(C207)	06.13- 06.13-	116631 116632	14 175 14 150			
	(S212)	11.12-	116631	14 175			
	(S213)	07.16-	116631	14 175			
	(W213)	01.16-	116631	14 175			
	(A238)[M274.920]	10.17-	116631	14 175			
	(C238)	06.17-	116631	14 175			
	(S213)	01.17-	116631	14 175			
	(W213)	07.16-	116631	14 175			
	(W213)	01.16-	116631	14 175			
E 200 2.0 4-matic	(A238)[M274.920]	10.17-	116631	14 175			
	(C238)	06.17-	116631	14 175			
	(S213)	01.17-	116631	14 175			
	(W213)	07.16-	116631	14 175			
E 200 2.0 Kompressor	(210)[M111.947]	06.97-	113486	14 90	06.97- 06.97-	114742 115512	12 1.8 12 1.7 A49
	(210)[M111.957]	08.00- 02.01 08.00- 03.02	113300 113301	14 120 14 90	08.00- 02.01 08.00- 03.03 08.00- 03.03	113513 114093 115512	12 1.1 12 1.7 12 1.7 A49
	(W212)[M274.920]	07.13-	116631	14 175			
	(210)[OM611.961]	07.99- 07.99- 07.99- 03.02 07.99- 03.02	112197 112428 113771 113772	14 115 14 150 14 190 14 190	07.99- 07.99- 07.99- 03.02 07.99- 03.02	111851 113513 114305 116555	12 2.0 12 1.1 12 1.7 12 1.7
E 200 2.1 CDI	(211)[OM646.820]	04.06- 04.06-	114666 116512	14 180 14 200	04.06-	116555	12 1.7
	(S211)[OM646.821]	04.06-	114666	14 180	04.06-	116555	12 1.7
	(210)[OM611.961]	06.98- 06.98- 06.98- 03.02	112197 112428 113771	14 115 14 150 14 190	06.98- 06.98- 03.02	113513 116555	12 1.1 12 1.7
	(W212)[OM651.925]	01.09- 01.09- 01.09- 01.09- 01.09-	114876 115600 116142 116185 116309 116365	14 180 A49 14 180 14 200 14 150 14 180 14 200	01.09-	116555	12 1.7
E 200 E 2.1 CDI	(211)[OM646.951]	07.02- 07.02-	113274 113944	14 200 14 200	07.02-	111851	12 2.0
	(W212)[M274.920]	01.13-	116631	14 175			
E 220 2.0	(A207)[OM651.911]	05.14-	116142	14 200			
	(W212)[OM651.924]	05.14-	116365	14 200			
E 220 2.1 BlueTec	(VF210)[OM611.961]	07.99- 12.02 07.99- 12.02 07.99- 12.02	112197 112428 113771	14 115 14 150 14 190	07.99- 12.02 07.99- 12.02 07.99- 12.02	114093 114742 114305	12 1.7 12 1.8 12 1.7
	(W210)	07.99- 03.02 07.99- 03.02 07.99- 03.02	112197 112428 113771	14 115 14 150 14 190	07.99- 03.02 07.99- 03.02 07.99- 03.02	114093 115512 114305	12 1.7 12 1.7 A49 12 1.7
	(211)[OM646.821]	04.06- 04.06-	114666 116512	14 180 14 200	04.06-	116555	12 1.7
	(VF211)	04.06- 07.09	116512	14 200			
	(211)[OM646.96 11]	Eng. 30112422- 11	03.02- 113953	14 200	03.02-	114305	12 1.7
	Eng. 30085732-30112421	03.02-	113944	14 200	03.02-	114742	12 1.8
	Eng. -30085731	03.02-	113274	14 200			
	(VF211)	Eng. -30085731 Eng. -30085731 Eng. -30085731	10.03- 07.06 10.03- 07.06 10.03- 07.06	113274 113944 113953	10.03- 07.06 10.03- 07.06 10.03- 07.06	114742 114305	12 1.8 12 1.7
	(A207)[OM651.911]	01.10- 01.10- 01.10- 01.10-	115437 115600 115988 116185	14 180 14 180 14 150 14 150			
	(C207)	01.10- 01.10- 01.10- 01.10-	115437 115600 115988 116185	14 180 14 180 14 150 14 150			
	(S212)[OM651.924]	07.09- 07.09- 07.09- 07.09- 07.09-	114876 115437 115600 116185 116309	14 180 A49 14 180 14 180 14 150 14 180			
	(W212)	01.09- 01.09- 01.09- 01.09- 01.09- 01.09- 01.09-	114876 115437 115600 116142 116185 116309 116365	14 180 A49 14 180 14 180 14 200 14 150 14 180 14 200			
	(210)[OM611.961]	03.02- 06.98- 07.99 06.98- 07.99- 03.02 07.99- 03.02	113274 112197 112428 113771 113772	14 200 14 115 14 150 14 190 14 190	03.02- 06.98- 07.99 06.98- 07.99- 03.02 07.99- 03.02	114742 111851 114093 115512 114305	12 1.8 12 2.0 12 1.7 12 1.7 A49 12 1.7
	(W211)[OM646.821]	03.03- 12.08	116512	14 200			
	(C207)[OM651.911]	07.14- 07.14- A25 07.14-	115437 115988 115600	14 180 14 150 14 180			
	(S212)[OM651.924]	11.09- 11.09- 11.09- 11.09- 11.09-	114876 115437 115600 116185 116309	14 180 A49 14 180 14 180 14 150 14 180			



MERCEDES-BENZ Continued

	(S212)[OM651.925]	11.09- 11.09- 11.09- 11.09- 11.09-	114876 115437 116142 116185 116309	14 180 A49 14 180 14 200 14 150 14 180			
E 220 2.2 Diesel	(210)[OM604.912]	06.95- 06.99 06.95- 06.99 06.95- 07.99	111883 112529 116129	14 115 14 90 14 90 A49	06.95- 06.99 06.95- 06.99	111851 114742	12 2.0 12 1.8
E 220 2.2 Diesel BlueTec	(S212)[OM651.924]	05.15- 05.15-	116142 116365	14 200 14 200			
E 220 2.2 Diesel Bluetec 4-Matic	(S212)[OM651.924] (W212)	12.14- 01.15-	116142 116142	14 200 14 200			
E 220 2.2	(124)[M111.960]	06.93- 06.96 06.93- 06.96 06.93- 06.95	111354 111369 112530	14 70 14 90 14 120	06.93- 06.96 06.93- 06.96 06.93- 06.97 06.93- 06.93- 06.95	111347 112440 111851 111065 114742	12 1.2 12 2.2 12 2.0 12 2.2 12 1.8
E 220 T 2.1 CDI	(S210)[OM611.961]	05.99- 03.03 05.99- 03.03 05.99- 03.03	112197 112428 113771	14 115 14 150 14 190	05.99- 03.03 05.99- 03.03 05.99- 03.03	111851 114093 115512	12 2.0 12 1.7 12 1.7 A49
E 220 T 2.2 CDi	(S211)[OM646.821]	03.03- 07.09	116512	14 200			
E 230 2.3	(210)[M111.970]	06.95- 06.96- 08.97	112530 111369	14 120 14 90	06.96- 08.97	111347	12 1.2
E 230 2.5	(W211)[M272.922]	09.07- 09.07-	115532 115905	14 180 14 150			
E 230 2.5 Turbo T-Model	(S211)[M272.922]	05.07-	115532	14 180			
E 240 2.4	(210)[M112.911]	06.97- 06.97- 03.03 09.97-	113302 113835 111902	14 120 14 120 14 115	06.97- 09.97-	113282 111768	12 1.4 12 1.7
E 240 2.6	(211)[M112.913]	03.02- 03.02- 03.02-	113302 113835 114836	14 120 14 120 14 150	03.02-	113282	12 1.4
	(210)[M112.914]	08.00- 03.02 Chas. B080432-, X035650- Chas. -B080431-, X035649	113835 113302 111902	14 120 14 120 14 115	08.00- 02.01 08.00- 03.02	113282 111768	12 1.4 12 1.7
	(211)[M112.917]	03.02- 03.02-	113835 114836	14 120 14 150			
E 240 2.6 4 Matic	(211)[M112.917]	03.03- 03.03- 09.03-	113835 114836 113302	14 120 14 150 14 120	09.03-	113282	12 1.4
E 250 1.8 CGI	(A207)[M271.860]	01.10- 01.10-	115810 115984	14 120 14 150	RHD 01.10- 01.10-	115825 115771	12 1.1 12 1.7
E 250 1.8 CGI	(C207)[M271.860]	01.09- 01.09-	115810 115984	14 120 14 150	01.09- 01.09-	116555 115771	12 1.7 12 1.7
	(S212)	11.09- 11.09- 11.09- 12.13	115810 115984 116490	14 120 14 150 14 150	11.09- 11.09-	116555 115771	12 1.7 12 1.7
	(W212)	01.09- 01.09- 01.09- 12.15	115810 115984 116490	14 120 14 150 14 150	01.09-	115770	12 1.1
E 250 2.0	(A207)[M274.920]	06.13- 06.13-	116631 116632	14 175 14 150			
	(C207)	06.13- 06.13-	116631 116632	14 175 14 150			
	(S212)	11.12-	116631	14 175			
	(S213)	07.16-	116631	14 175			
	(W212)	01.13-	116631	14 175			
	(W213)	07.16-	116631	14 175			
E 250 2.1 CDI	(A207)[OM651.911]	01.10- 01.10- 01.10- 01.10-	115437 115988 116142 116185	14 180 14 150 14 200 14 150	01.09- 01.10-	115771 114305	12 1.7 12 1.7
	(C207)	01.09- 01.09- 01.09- 01.09-	115437 115600 115988 116185	14 180 14 180 14 150 14 150			
	(W212)[OM651.924]	01.09- 01.09- 01.09- 01.09- 01.09-	114876 115437 115600 116142 116309 116365	14 180 A49 14 180 14 180 14 200 14 180 14 200	01.09- 01.09-	114742 114305	12 1.8 12 1.7
E 250 2.1 CDI 4-matic	(W212)[OM651.924]	01.09- 01.11- 12.15 01.11- 12.15	115600 116304 116686	14 180 14 180 14 180	01.09-	116555	12 1.7
	A25	01.09-	116142	14 200			
E 250 2.2 CDI	(S212)[OM651.924]	11.09- 11.09- 11.09- 11.09- 11.09- 11.09-	114876 115437 115600 116142 116185 116309	14 180 A49 14 180 14 180 14 200 14 150 14 180	11.09- 11.09- 11.09-	114742 114305 116555	12 1.8 12 1.7 12 1.7
E 250 2.2 CDI 4-Matic	(S212)[OM651.924]	07.10- 07.10- 12.16 07.10- 12.16 A25 07.10-	115600 116304 116686 116142	14 180 14 180 14 180 14 200	07.10-	116555	12 1.7
E 250 2.5 Diesel	(124)[OM605.911]	07.93- 06.95 07.93- 06.95 07.93- 06.95 07.93- 06.95	111354 112529 113768 116129	14 70 14 90 14 95 14 90 A49	07.93- 06.95 07.93- 06.95 07.93- 06.95	111851 113513 114742	12 2.0 12 1.1 12 1.8
	(210)[OM605.912]	06.95- 06.95- 06.95- 07.99	111883 112529 116129	14 115 14 90 14 90 A49	06.95- 06.95-	111851 113513	12 2.0 12 1.1
	(VF210)	06.96- 06.98	111883	14 115			
E 250 2.5 TD	(124)[OM602.962]	06.93- 06.95 06.93- 06.95	110923 111093	14 55 14 70	06.93- 06.95	111065	12 2.2
	(124)[OM605.911]	06.93- 06.96 06.93- 06.96 06.93- 06.96 06.93- 06.96	111354 112529 113768 116129	14 70 14 90 14 95 14 90 A49	06.93- 06.96 06.93- 06.96	111851 114742	12 2.0 12 1.8



		(210)[OM605.912]		06.96-	111883	14	115	06.96-	111851	12	2.0
		(210)[OM605.962]		07.93- 06.99	112529	14	90	07.93- 06.99	113513	12	1.1
				06.97-	111883	14	115	06.97-	111851	12	2.0
				06.97- 07.99	116129	14	90 A49				
E 250 2.5		(W212)[272.923]		05.09- 12.11	115532	14	180	05.09- 12.11	114305	12	1.7
E 270 2.7 CDI		(210)[OM612.961]		03.02-	113274	14	200	03.02-	112440	12	2.2
				07.99-	112428	14	150				
				07.99- 03.02	113771	14	190	07.99- 03.02	111851	12	2.0
				07.99- 03.02	113772	14	190				
		(VF210)		07.99- 12.02	112428	14	150				
				07.99- 12.02	113771	14	190				
		(211)[OM647.961]		03.02-	113274	14	200	03.02-	112440	12	2.2
				03.02-	113944	14	200	03.03- 07.09	111851	12	2.0
		(VF211)		03.03- 07.09	113274	14	200	03.02- 12.08	111851	12	2.0
				03.03- 07.09	113944	14	200	03.03-	112440	12	2.2
		(W211)		03.02- 12.08	113274	14	200				
				03.02- 12.08	113944	14	200				
E 270 T 2.7 CDI		(210)[OM612.961]		03.02-	113274	14	200	03.02-	111851	12	2.0
				07.99-	112428	14	150	07.99-	112440	12	2.2
				07.99- 03.03	113771	14	190				
		(S211)[OM647.961]		03.03- 07.09	113274	14	200				
				03.03- 07.09	113944	14	200				
E 280 2.8		(124)[M104.942]		06.93- 06.95	111369	14	90	06.93- 06.95	111851	12	2.0
				06.93- 06.95	112530	14	120	06.93- 06.95	113282	12	1.4
		(210)[M112.921]		03.97-	113302	14	120	03.97- 01.03	111851	12	2.0
				12.96- 03.02	111850	14	143	12.96- 03.02	111768	12	1.7
				12.96-	111902	14	115	12.96- 03.03	113282	12	1.4
				12.96- 03.02	113835	14	120				
		(VF210)	Chas. -B080431, -X035649	07.99- 11.02	111902	14	115				
			Chas. -B080431, -X035649	07.99- 11.02	113489	14	150				
			Chas. -B080431, -X035649	07.99- 11.02	113835	14	120				
E 280 2.8 4 Matic		(210)[M112.921]	Chas. -B080431, -X035649	07.96- 03.02	111902	14	115	07.96- 03.02	111768	12	1.7
				12.96- 03.02	113835	14	120	03.97- 01.03	113282	12	1.4
			Chas. B080432-, X035650-	07.96- 03.02	113302	14	120	RHD 07.96- 03.02	114178	12	1.4
				07.96- 03.02	111850	14	143				
E 280 3.0 CDI		(211)[OM642.920]		03.05-	114042	14	180 A49				
				03.05-	116060	14	180				
				03.05-	116113	14	180				
		(VF211)		08.05- 07.09	116060	14	180				
				08.05- 07.09	116113	14	180				
E 280 3.0 CDI 4 Matic		(211)[OM642.921]		03.05-	114042	14	180 A49				
				03.05-	116060	14	180				
				03.05-	116113	14	180				
E 280 3.0		(211)[M272.943]		03.05-	114454	14	180				
				03.05- 12.08	115532	14	180				
				03.05-	115905	14	150				
E 280 3.0 4 Matic		(211)[M272.943]		03.05-	115532	14	180				
E 280 3.2 CDI		(211)[OM648.961]	Eng. 30042544-	05.04-	113953	14	200				
			Eng. -30042543	05.04-	113944	14	200				
E 280 E 2.8		(210)[M104.945]		01.96- 02.97	111369	14	90	01.96- 02.97	111851	12	2.0
E 290 2.9 TD		(210)[OM602.982]		01.96-	111890	14	90	01.96-	111065	12	2.2
				03.96- 06.99	112529	14	90	06.96-	111851	12	2.0
				06.96-	111883	14	115				
				06.96- 07.99	116129	14	90 A49				
E 290 2.9 TDI		(VF210)[OM602.982]		07.96- 07.99	111883	14	115	07.96- 07.99	111851	12	2.0
E 290 E 2.9 TD		(210)[OM602.982]		01.96-	111883	14	115	01.96-	111851	12	2.0
E 300 2.0		(C238)[M274.920]		12.16-	116631	14	175				
E 300 3.0 CDI		(S212)[OM642.850]		03.11-	114042	14	180 A49				
				03.11-	115924	14	180				
				03.11-	116080	14	220				
				03.11-	116113	14	180				
		(W212)		12.09- 12.10	115924	14	180				
				12.09- 12.10	116080	14	220				
				12.09- 12.10	116113	14	180				
				03.11-	114042	14	180 A49				
				03.11-	116377	14	200				
		(W212)[OM642.852]		03.11-	115924	14	180				
				03.11-	116080	14	220				
				03.11-	116377	14	200				
E 300 3.0 Diesel		(124)[OM606.910]		07.93- 06.95	111354	14	70	07.93- 06.95	112440	12	2.2
				07.93- 06.95	112529	14	90	RHD 07.93- 06.95	115825	12	1.1
				07.93- 06.95	113768	14	95				
				07.93- 06.95	116129	14	90 A49				
		(210)[OM606.912]		02.97	111883	14	115	RHD 06.95- 02.97	115825	12	1.1
				06.95- 02.97	112529	14	90				
				06.95- 06.97	116129	14	90 A49				
E 300 3.0 TD		(124)[OM603.960]		06.93- 06.95	111093	14	70	06.93- 06.95	111065	12	2.2
				06.93- 06.95	113768	14	95	A25 06.93-	116083	12	1.8
				06.93- 06.96	116129	14	90 A49				
			Eng. 051061-	06.93-	112529	14	90				
		(124)[OM606.910]		06.93- 06.96	111354	14	70	06.93- 06.96	114742	12	1.8
				06.93- 06.96	112529	14	90	06.93- 06.96	115770	12	1.1
				06.93- 06.96	113768	14	95				
				06.93- 06.96	116129	14	90 A49				
		(210)[OM606.962]		12.96-	111883	14	115	12.96-	116555	12	1.7
				12.96-	111890	14	90				
E 300 3.0 TD 4 Matic		(124)[OM603.963]		06.93- 06.95	111093	14	70	06.93- 06.95	111065	12	2.2
				06.93- 06.96	113768	14	95	A25 06.93-	116083	12	1.8
				06.93- 06.96	116129	14	90 A49				
			Eng. 004326-	06.93-	112529	14	90				
E 300 3.0		(S212)[M272.952]		11.09-	115532	14	180				
		(W212)		01.09-	115532	14	180				
E 300 3.0 4 Matic		(124)[M103.985]		06.93- 08.94	111093	14	70	06.93- 08.94	111065	12	2.2
				07.93-	111149	14	80	07.93-	112440	12	2.2
				07.93-	111354	14	70	07.93-	111768	12	1.7
			Eng. 002357-	06.93- 06.95	111369	14	90	06.93- 06.95	116555	12	1.7
			Eng. -002187	06.93-	112734	14	80	06.93-	115770	12	1.1
E 300 CE 3.0		(124)[M103.983]		03.87- 12.89	111093	14	70				
				01.90- 05.93	111354	14	70				
E 300 Hybrid 2.1 Hybrid		(W212)[OM651.924]		12.11-	115600	14	180	12.11-	114742	12	1.8



MERCEDES-BENZ Continued

E 320 3.0 CDI	(211)[OM642.920]	03.05-	114042	14 180	A49			
		03.05-	116060	14 180				
		03.05-	116113	14 180				
E 320 3.0 CDI 4 Matic	(211)[OM642.910]	03.05-	114042	14 180	A49			
		03.05-	116113	14 180				
	(211)[OM642.920]	03.05-	114042	14 180	A49			
E 320 3.2 CDI	(210)[OM613.961]	07.99-	112428	14 150		07.99-	111768	12 1.7
		07.99- 03.02	113771	14 190				
		07.99- 03.02	113772	14 190				
	[OM648.961]	11.02-	113772	14 190				
		Eng. 30042544- Eng. 30042544- 03.03-	113953 113944	14 200 14 200				
E 320 3.2	(124)[M104.992]	06.93- 06.95	112530	14 120		10.92- 05.96	111851	12 2.0
		10.92- 05.96	111369	14 90		06.93- 06.96	111768	12 1.7
	(124)[M104.995]	06.93- 06.98	111369	14 90		06.93- 06.95	113282	12 1.4
		06.93- 06.98	112530	14 120		06.93- 06.98	111851	12 2.0
	(210)	06.95- 02.97	111369	14 90		06.93- 06.98	113282	12 1.4
		06.95- 02.97	112530	14 120		06.95- 02.97	112440	12 2.2
	(210)[M112.941]	12.96- 03.03	113835	14 120		06.95- 02.97	111768	12 1.7
		03.97-	111902	14 115		03.97- 03.03	111768	12 1.7
	Chas. B080432-, X035650-	03.97- 03.03	113302	14 120		03.97- 03.03	113282	12 1.4
		03.02-	114836	14 150				
	(211)[M112.949]	12.96- 03.03	113835	14 120		06.97-	111768	12 1.7
	(210)[M112.941]	06.97-	111902	14 115		06.97- 03.02	113282	12 1.4
		06.97- 03.02	113302	14 120				
	(211)[M112.954]	03.03-	114836	14 150				
E 320 T 3.2 CDI	(210)[OM613.961]	07.99-	112428	14 150		07.99-	111851	12 2.0
		07.99- 03.03	113771	14 190		07.99- 03.03	113282	12 1.4
		07.99- 03.03	113772	14 190				
E 350 3.0 BlueTEC	(A207)[OM642.838]	06.13-	116377	14 200		A25 06.13-	116084	12 1.8
		A25 06.13-	115924	14 180				
	(C207)	A25 03.13-	116377	14 200				
		A25 05.14-	115924	14 180				
	(S212)[OM642.852]	11.12-	114042	14 180	A49	11.12-	114178	12 1.4
		11.12-	115924	14 180		A25 11.12-	116084	12 1.8
		11.12-	116080	14 220		11.12-	115770	12 1.1
		11.12-	116113	14 180		RHD 11.12-	115825	12 1.1
		11.12-	116377	14 200				
	(W212)	11.12-	116080	14 220				
		11.12-	116377	14 200				
E 350 3.0 BlueTEC 4-matic	(W212)[OM642.852]	11.12-	115924	14 180		A25 11.12-	116084	12 1.8
		11.12-	116080	14 220		11.12-	115770	12 1.1
	(S212)[OM642.858]	11.12-	114042	14 180	A49	11.12-	113282	12 1.4
		11.12-	115924	14 180		A25 11.12-	116084	12 1.8
		11.12-	116080	14 220		11.12-	115770	12 1.1
		11.12-	116113	14 180		07.14-	114178	12 1.4
						RHD 07.14-	115825	12 1.1
	(W212)	11.12-	114042	14 180	A49	11.12-	115770	12 1.1
		11.12-	115924	14 180		A25 05.14-	116084	12 1.8
		11.12-	116080	14 220				
		11.12-	116113	14 180				
E 350 3.0 CDI	(A207)[OM642.838]	04.11-	115924	14 180		A25 04.11-	116084	12 1.8
	(C207)	04.11-	115924	14 180		A25 04.11-	116084	12 1.8
	(S212)[OM642.852]	07.11-	115924	14 180		A25 07.11-	116084	12 1.8
		07.11-	116080	14 220		RHD 07.11-	115825	12 1.1
		07.11-	116377	14 200		A25 03.11-	116083	12 1.8
	(W212)	03.11-	115924	14 180		RHD 03.11-	115825	12 1.1
		03.11-	116080	14 220				
	(S211)[OM642.920]	11.07- 07.09	114042	14 180		RHD 11.07- 07.09	115825	12 1.1
		11.07- 07.09	116060	14 180		03.11-	115825	12 1.1
		11.07- 07.09	116113	14 180		11.07- 07.09	114178	12 1.4
E 350 3.0 CDI 4-matic	(W212)[OM642.858]	03.11-	115924	14 180		A25 03.11-	116084	12 1.8
		03.11-	116080	14 220				
E 350 3.0 CDI 4-Matic 4x4	(S212)[OM642.858]	07.11-	115924	14 180		A25 07.11-	116084	12 1.8
		07.11-	116080	14 220		RHD 07.11-	115825	12 1.1
E 350 3.0 CDI BlueTEC	(W212)[OM642.850]	01.09-	115924	14 180		A25 01.09-	116083	12 1.8
		01.09-	116080	14 220		RHD 01.09-	115825	12 1.1
E 350 3.0 Diesel	(S213)[OM642.855]	10.16-	116377	14 200				
		10.16-	116724	14 250				
	(W213)	01.16-	116377	14 200				
E 350 3.0 Diesel 4-matic	(S213)[OM642.855]	01.16- 05.18	116724	14 250				
		06.17-	116377	14 200				
	(A238)[OM642.873]	06.17-	116724	14 250				
		06.17-	116377	14 200				
	(C238)	06.17-	116377	14 200				
		06.17-	116724	14 250				
	(S213)	06.17-	116377	14 200				
		06.17-	116724	14 250				
	(W213)	06.17-	116377	14 200				
		06.17- 05.18	116724	14 250				
E 350 3.0 Diesel BlueTEC	(S212)[OM642.850]	11.09-	115924	14 180		A25 11.09-	116083	12 1.8
		11.09-	116080	14 220		RHD 11.09-	115825	12 1.1
	(S212)[OM642.852]	07.14-	114042	14 180	A49	07.14-	114178	12 1.4
		07.14-	116080	14 220		07.14-	115770	12 1.1
		07.14-	116113	14 180		A25 07.14-	116084	12 1.8
		07.14-	116377	14 200				
		A25 07.14-	115924	14 180				
E 350 3.0 Diesel Bluetec 4-Matic	(S212)[OM642.858, OM642.852]	07.14-	114042	14 180	A49	07.14-	114178	12 1.4
		07.14-	115924	14 180		07.14-	116084	12 1.8
		07.14-	116080	14 220		07.14-	115770	12 1.1
		07.14-	116113	14 180				
	(211)[M272.964]	03.05-	114454	14 180		03.05-	114178	12 1.4
E 350 3.5	(211)[M272.972]	03.05- 12.08	115532	14 180		03.05- 12.08	116555	12 1.7
		03.05-	115905	14 150		A25 03.05-	116083	12 1.8 RHD
		03.05-	116081	14 220				
		03.05-	114454	14 180		03.05-	114178	12 1.4
		03.05-	116081	14 220				



	(S212)[M272.980] (W212)	08.09- 01.09- 01.09-	115532 14 180 115532 14 150		08.09- A25 01.09-	114178 116083	12 1.4 12 1.8 RHD
E 350 3.5 4 Matic	(211)[M272.964] (211)[M272.972]	03.05- 03.05- 03.05-	115532 14 180 116081 14 220		A25 03.05- A25 03.05-	116083 116083	12 1.8 RHD 12 1.8 RHD
E 350 3.5 4-Matic	(S212)[M272.977] (W212)	11.09- 01.09- 08.11	115532 14 180 115532 14 180		11.09- A25 01.09- 08.11	114178 116083	12 1.4 12 1.8 RHD
E 350 3.5 CGI	(A207)[M272.982] (A207)[M272.984]	01.10- 12.14 01.10- 01.10- 12.14 01.10-	115532 14 180 115905 14 150 115532 14 180 115905 14 150		A25 01.10- 12.14 A25 01.10- 12.14	116083 116083	12 1.8 RHD 12 1.8 RHD
E 350 3.5 CGI	(C207)[M272.982] (W212) (S212)[M272.983] (W212) (C207)[M272.984] (W211)[M272.985]	01.09- 01.09- 08.11 11.09- 01.09- 08.11 01.09- 09.07- 12.08 09.07-	115905 14 150 115532 14 180 115532 14 180 115905 14 150		A25 01.09- A25 01.09- 08.11 A25 11.09- A25 01.09- 08.11 A25 01.09- A25 09.07- 12.08	116083 116083 116083 116083 116083 116083	12 1.8 RHD 12 1.8 RHD 12 1.8 RHD 12 1.8 RHD 12 1.8 RHD 12 1.8
E 350 E 2.0	(W213)[M274.920]				07.16-	116555	12 1.7
E 36 AMG 3.6	(124)[M104.992]	05.94- 05.96 05.94- 05.96	111369 14 90 112530 14 120		05.94- 05.96	111851	12 2.0
E 400 4.0 CDI	[OM628.961]				02.03-	115408	12 2.3
E 420 4.0 CDI	(211)[OM629.910]	01.06-	116143 14 220				
E 420 4.2	(210)[M119.985]	06.96- 08.97	111850 14 143		06.96- 08.97	115939	12 2.2
E 430 4.3	(210)[M113.940]	06.97- 08.01 06.97- 03.02	111850 14 143 114836 14 150	Change pulley	06.97- 08.01	111768	12 1.7
E 430 4.3 4 Matic	(210)[M113.940]	05.99- 08.01 05.99- 03.02	111850 14 143 114836 14 150	Change pulley	05.99- 08.01	111768	12 1.7
E 430 T 4.3 4 Matic	(210)[M113.940]	05.99- 08.01 05.99- 03.03	111850 14 143 114836 14 150	Change pulley	05.99- 08.01	111768	12 1.7
E 50 AMG 5.0	(210)[M119.985]	02.96- 08.97	111850 14 143				
E 500 5.0	(211)[M113.967]	03.02- 09.03-	114836 14 150 111902 14 115		03.02- 10.03-	111768 116002	12 1.7 12 1.7
E 500 5.0 4 Matic	(211)[M113.969]	10.03-	114836 14 150		10.03-	116002	12 1.7
E 500 5.5	(211)[M273.960]	04.06- 04.06- 07.09	114454 14 180 115532 14 180		04.06- 04.06- 07.09 RHD 04.06- 12.08 04.06-	111768 116002 115825 12 1.1 115770 12 1.1	12 1.7 12 1.7 12 1.1 12 1.1
	(A207)[M273.966] (C207)	01.10- 01.09-	115532 14 180 115532 14 180		01.10- RHD 01.09- 01.09-	115770 115825 115770	12 1.1 12 1.1 12 1.1
	(S212)[M273.971] (W212)	11.09- 01.09-	115532 14 180 115532 14 180		RHD 11.09- 11.09- RHD 01.09-	115825 115770 115825	12 1.1 12 1.1 12 1.1
E 500 5.5 4 Matic	(211)[M273.962]	04.06- 07.09	115532 14 180		04.06- 07.09 04.06-	116002 115770	12 1.7 12 1.1
E 500 5.5 4-Matic	(W212)[M273.970]	01.09-	115532 14 180		RHD 01.09-	115825	12 1.1
E 55 AMG 5.4	(210)[M113.980]	08.97- 08.01 08.97- 03.03	111850 14 143 114836 14 150	Change pulley	08.97- 08.01	111768	12 1.7
E 55 AMG 5.4	(210)[M113.980]	08.97- 08.01 08.97- 03.02	111850 14 143 114836 14 150	Change pulley	08.97- 08.01	111768	12 1.7
	(211)[M113.990]	07.03-	114737 14 180		07.03-	111768	12 1.7
E 55 AMG 5.4 Kompressor	(211)[M113.990]	10.02-	114737 14 180		10.02-	111768	12 1.7
E 55 AMG 5.4	(W210)[M113.980]	09.97- 12.98 09.97- 12.98	113489 14 150 114836 14 150		09.97- 12.98	111768	12 1.7
E 55 T AMG Kompressor 5.4 Turbo	(S211)[M113.990]	09.05- 12.06	114737 14 180		09.05- 12.06	111768	12 1.7
E 63 AMG 5.5	(S212)[M157.981] (W212)				02.11- 02.11-	116002 116002	12 1.7 12 1.7
E 63 AMG 5.5 AMG	(S212)[M157.980] (W212)				02.11- 02.11-	116002 116002	12 1.7 12 1.7
E 63 AMG 6.2	(211)[M156.983]	03.06-	115532 14 180		03.06-	116002	12 1.7
E-Class 3.5 4 Matic T-Model	(S211)[M272.972]	08.04- 08.06 08.04- 08.06	115532 14 180 116081 14 220		08.04- 08.06	116555	12 1.7
G 270 2.7 CDI	(463)[OM612.965]	10.01- 03.79- 05.80	113772 14 190 110358 14 55		10.01- 03.79- 05.80	114319 111851	24 2.5 12 2.0
G 300 3.0 Diesel	(W463)[OM603.931]				09.93- 08.94	114319	24 2.5
G 300 3.0 TD	(463)[OM606.964]	08.96- 07.00 08.96-	111883 14 115 111890 14 90		08.96- 07.00 08.96-	112440 111065	12 2.2 12 2.2
G 320 3.0 CDI	(W461)[OM642.884]	04.09- 04.09- 04.09-	113351 28 100 114042 14 180 116113 14 180	A49	04.09-	113282	12 1.4
G 320 3.2	(463)[M104.996] (463)[M112.945]	09.94- 11.97 12.97-	111369 14 90 111902 14 115		09.94- 11.97 12.97-	111851 111768	12 2.0 12 1.7
G 350 3.0 CDI	(W461)[OM642.884]	04.10- 04.10- 04.10- 04.10-	113351 28 100 114042 14 180 115557 28 100 116113 14 180		04.10-	111768	12 1.7
	(W463)[OM642.886] (W463)[OM642.970]	07.11- 07.11- 06.09- 12.11 06.09- 12.11	114042 14 180 116113 14 180 116580 14 250	A49	07.11- 06.09- 12.11	111768 111768	12 1.7 12 1.7
G 350 3.0 Diesel	(W463)[OM642.887]	06.15-	116580 14 250				
G 36 AMG 3.6	(463)[M104.996 (AMG3,6)]	01.95-	111369 14 90		01.95-	111851	12 2.0
G 400 4.0 CDI	(463)[OM628.962]	12.00-	112428 14 150		12.00-	115408	12 2.3
G 500 5.0	(463)[M113.962]	04.98-	111902 14 115		04.98-	111768	12 1.7
G 500 5.5	(W463)[M273.963]	05.08-	115532 14 180		05.08- 12.09-	115770 116002	12 1.1 12 1.7
G 500 E 5.0	(463)[M117.965]	09.93-	111149 14 80				
G 55 AMG 5.4	(463)[M113.993]	06.04- 06.04-	111902 14 115 114737 14 180		06.04-	111768	12 1.7
G 55 AMG 5.4	(W463)[M113.993]	09.04- 12.11	114737 14 180				
G 55 AMG 5.5 AMG	(W463)[M113.993]	08.08-	114737 14 180		08.08-	111768	12 1.7
G 63 AMG 5.5	(W463)[M157.980]				05.12-	116002	12 1.7
G 65 AMG 6.0	(W463)[M279.982]				A25 05.12-	116083	12 1.8
G63 AMG 6x6 5.5	(W463)[M157.984]				12.14-	116002	12 1.7
GL 320 3.0 CDI	(X164)[OM642.940]	09.06-	114835 14 180		09.06-	111768	12 1.7
GL 350 3.0 BlueTEC 4-matic	(X166)[OM642.826]	07.12- 10.15	116724 14 250				



MERCEDES-BENZ Continued

GL 350 3.0 CDI	(X164)[OM642.822]	10.10- 10.10- 10.10-	114042 116080 116113	14 180 A49 14 220 14 180	10.10-	111768	12 1.7
GL 350 3.0 CDI BlueTEC	(X164)[OM642.820]	12.09-	116080	14 220			
GL 350 3.0 CDI 4-matic	(X166)[OM642.826]	07.12- 10.15	116724	14 250	07.12- 10.15 A25 07.12- 10.15	111768 116084	12 1.7 12 1.8
GL 420 4.0 CDI	(164)[OM629.912]	09.06-	115909	14 220			
GL 450 4.0 CDI	(X164)[OM629.912]	05.09-	115909	14 220			
GL 450 4.7	(164)[M273.923]		116487 115532	14 180 14 180			
GL 500 5.5	(164)[M273.963]		116487 115532	14 180 14 180	09.06-	116002	12 1.7
GL 63 AMG 5.5	(X166)[M157.982]				07.12-	116002	12 1.7
GL 63 AMG 5.5 4-matic	(X166)[M157.982]				07.12-	116002	12 1.7
GLA 180 1.5 CDI	(X156)[OM607.951]	07.14-	116602	14 175	07.14-	115607	12 1.7
GLA 180 1.6	(X156)[M270.910]				02.15-	115589	12 1.7
GLA 200 1.6	(X156)[M270.910]				12.13-	115589	12 1.7
GLA 200 2.1 CDI	(X156)[OM651.930]	12.13-	115759	14 150	12.13-	115607	12 1.7
GLA 200 2.1 CDI 4-Matic	(X156)[OM651.930]	12.13-	115759	14 150	12.13-	115607	12 1.7
GLA 220 2.0 4-Matic	(X156)[M274.920]	12.15-	116467	14 150	12.15-	115589	12 1.7
GLA 220 2.1 CDI	(X156)[OM651.930]	12.13-	115759	14 150	12.13-	115607	12 1.7
GLA 220 2.1 CDI 4-Matic	(X156)[OM651.930]	12.13-	115759	14 150	12.13-	115607	12 1.7
GLA 220 2.2 Diesel	(X156)[OM651.930]	07.15-	115759	14 150	07.15-	115607	12 1.7
GLA 220 2.2 Diesel 4-Matic	(X156)[OM651.930]	07.15-	115759	14 150	07.15-	115607	12 1.7
GLA 250 2.0	(X156)[M270.920]				12.13-	115589	12 1.7
GLA 250 2.0 4-Matic	(X156)[M270.920]				12.13-	115589	12 1.7
GLA 45 AMG 2.0 4-matic	(X156)[M133.980]				05.14-	115889	24 5.0
Gla-Class 1.6	(X156)[M270.910]	07.18-	116467	14 150	07.18-	115589	12 1.7
GLC 220 2.1 Diesel 4-matic	(C253)[OM651.921]	06.16-	116142	14 200	06.16-	114742	12 1.8
GLC 220 2.2 Diesel 4-Matic	(C253)[OM651.921]	06.16-	116142	14 200	06.16-	114742	12 1.8
	(X253)	06.15-	116142	14 200	06.15-	114742	12 1.8
GLC 250 2.0 4-matic	(C253)[M274.920]				06.16-	116555	12 1.7
GLC 250 2.2 Diesel 4-Matic	(C253)[OM651.921]	06.16-	116142	14 200	06.16-	114742	12 1.8
	(X253)	06.15-	116142	14 200	06.15-	114742	12 1.8
GLC 300 2.0 4-matic	(C253)[M274.920]				10.16-	116555	12 1.7
GLC 300 2.0 4-matic	(C253)[M274.920]				11.19-	116555	12 1.7
	(X253)				11.19-	116555	12 1.7
GLC 300e 2.0 300 e 4-matic	(C253)[M274.920]				11.19-	116555	12 1.7
GLC 350 2.0 4-matic	(X253)[M274.920]				01.16-	116555	12 1.7
GLC 350 3.0 Diesel 4-matic	(X253)[OM642.873]	10.16-	116377	14 200	10.16-	114178	12 1.4
GLC 350 D 3.0 Diesel 4-matic	(C253)[OM642.873]	10.16-	116377	14 200	10.16-	114178	12 1.4
GLC 350 E 2.0 Diesel 4-Matic	(X253)[M274.920]				01.16-	116555	12 1.7
GLC 350 E 2.0 4-matic	(C253)[M274.920]				10.16-	116555	12 1.7
GLE 250 2.2 Diesel 4-Matic	(W166)[OM651.960]	04.15- 04.15-	115600 116142	14 180 14 200	04.15-	114742	12 1.8
GLE 350 2.0 4-Matic	(C167)[M274.920]				06.20-	116555	12 1.7
	(V167)				06.20-	116555	12 1.7
GLE 350 3.0 4-matic	(X166)[OM642.826]	01.17- 04.19	116724	14 250	01.17- 04.19 01.17- A25 04.15- 10.18	111768 116084 111768	12 1.7 12 1.8 12 1.7
GLE 350 3.0 Diesel 4-Matic	(W166)[OM642.826]	04.15- 10.18	116724	14 250	04.15- 10.18 A25 04.15- 10.18	111768 116084	12 1.7 12 1.8
GLE 350 3.0 Diesel de 4-Matic	(C292)[OM642.826]	01.17- 10.19	116724	14 250	01.17- 10.19 A25 01.17- 10.19 01.17- 10.19	111768 116084 116274	12 1.7 12 1.8 12 1.4
GLE 350 AMG 3.0 Diesel 4-Matic	(C292)[OM642.826]	03.15- 10.19	116724	14 250	03.15- 10.19	111768	12 1.7
GLE 500 4.7 4-Matic	(C292)[M278.928]				10.15-	116002	12 1.7
	(W166)				04.15-	116002	12 1.7
GLE AMG 63 5.5 4-Matic	(C292)[M157.982]				03.15-	116002	12 1.7
GLE AMG 63 S 5.5 4-Matic	(C292)[M157.982]				03.15-	116002	12 1.7
GLK 200 2.0	(X204)[M274.920]	08.13- 08.13-	116631 116632	14 175 14 150			
GLK 200 2.1 CDI	(X204)[OM651.916]	12.13- 12.13- 12.13- 12.13-	114876 115437 115600 116309	14 180 A49 14 180 14 180 14 180	12.13- 12.13-	114742 114305	12 1.8 12 1.7
GLK 200 2.2 CDI	(X204)[OM651.913]	07.10- 07.10- 07.10- 07.10-	114876 115437 115600 116309	14 180 A49 14 180 14 180 14 180	07.10- 07.10- 07.10-	114742 114305 116555	12 1.8 12 1.7 12 1.7
	(X204)[OM651.916]	07.10- 07.10- 07.10- 07.10-	114876 115437 115600 116309	14 180 A49 14 180 14 180 14 180	A25 07.10- 07.10-	114742 114305	12 1.8 12 1.7
GLK 220 2.1 CDI	(X204)[OM651.912]	12.08- 06.15 12.08- 06.15	116304 116686	14 180 14 180	12.08- 06.15	114305	12 1.7
	(X204)[OM651.916]	12.08- 12.08- 12.08- 12.08-	114876 115437 115600 116309	14 180 A49 14 180 14 180 14 180	AT 12.08- 12.08-	114742 114305	12 1.8 12 1.7
GLK 220 2.2 CDI	(X204)[OM651.916]	12.08- 12.08- 12.08- 12.08-	114876 115437 115600 116309	14 180 A49 14 180 14 180 14 180	12.08- AT and Start/Stop 12.08-	114305 114742	12 1.7 12 1.8
GLK 220 2.2 CDI 4-matic	(X204)[OM651.912]	12.08- 06.15 12.08- 06.15	116304 116686	14 180 14 180	12.08- 06.15	114305	12 1.7
GLK 250 2.0	(X204)[M274.920]	08.13- 08.13-	116631 116632	14 175 14 150	08.13-	116555	12 1.7
GLK 250 2.0 4-Matic	(X204)[M274.920]	08.13- 08.13-	116631 116632	14 175 14 150	08.13- 08.13-	114305 116555	12 1.7 12 1.7
GLK 250 2.1 CDI	(X204)[OM651.912]	09.09- 06.15 09.09- 06.15	116304 116686	14 180 14 180	AT and Start/Stop 09.09- 06.15	114742	12 1.8
GLK 280 3.0 4-Matic	(X204)[M272.948]	06.08- 06.08-	115905 116171	14 150 14 150	RHD 06.08-	115825	12 1.1
GLK 300 3.0 4-Matic	(X204)[M272.948]	07.09- 07.09-	115905 116171	14 150 14 150	07.09- RHD 07.09-	116555 115825	12 1.7 12 1.1
GLK 350 3.0 CDI 4-matic	(X204)[OM642.832]	02.10- 02.10- 05.10	114042 116113	14 180 A49 14 180	02.10- RHD 02.10- 05.10	113282 115825	12 1.4 12 1.1
	(X204)[OM642.835]	07.12-	115924	14 180	A25 07.12-	116083	12 1.8 RHD
GLK 350 3.5	(X204)[M272.991]	04.09-	116171	14 150	RHD 04.09- 04.09-	115825 115770	12 1.1 12 1.1



GLK 350 3.5 4 Matic	(X204)[M272.971]	06.08- 06.08-	115905 116171	14 150 14 150		06.08- A25 06.08-	114178 116084	12 1.4 12 1.8
GLS 350 3.0 Diesel 4-Matic	(X166)[OM642.826]	11.15- 04.19	116724	14 250		11.15- 04.19	111768	12 1.7
GLS 500 4.7 4-Matic	(X166)[M278.928]					11.15-	116002	12 1.7
GT AMG 4.0	(C190)[M178.980]					01.17-	116002	12 1.7
Marco Polo Camper 1.8 CDI	(W447)[OM622.851]	06.20- 06.20- 06.20- 06.20-	115600 115988 116142 116702	14 180 14 150 14 200 14 250		06.20-	114742	12 1.8
Marco Polo Camper 2.1 CDI 200	(W447)[OM651.950]	03.15- 03.15- 03.15- 03.15-	115600 115988 116142 116702	14 180 14 150 A49 14 200 14 250		03.15-	114742	12 1.8
Marco Polo Camper 2.1 CDI 220	(W447)[OM651.950]	03.15- 03.15- 03.15- 03.15-	115600 115988 116142 116702	14 180 14 150 A49 14 200 14 250		03.15-	114742	12 1.8
ML 230 2.3	(163)[M111.977]	02.98-	111369	14 90		02.98-	111347	12 1.2
ML 250 2.2 CDI BlueTec 4-matic	(166)[OM651.960]	06.11- 06.11- 06.11- 06.11- A25 06.11-	114876 115437 115600 116309 116142	14 180 A49 14 180 14 180 14 180 14 200		06.11-	114742	12 1.8
ML 270 2.7 CDI	(163)[OM612.963]	12.99- 12.99- 06.05 12.99- 06.05	112428 113771 113772	14 150 14 190 14 190		12.99- 12.99- 06.05	112440 111851	12 2.2 12 2.0
ML 280 3.0 CDI 4 Matic	(164)[OM642.940]	07.05-	116080	14 220				
ML 300 3.0 CDI 4 Matic	(W164)[OM642.820]	02.10-	116080	14 220				
	(W164)[OM642.832]	02.10-	116080	14 220				
ML 300 3.0 CDI 4-Matic	(W164)[OM642.940]	07.09-	116080	14 220				
ML 320 3.0 CDI 4-matic	(W164)[OM642.940]	07.05- 07.11 07.05- 07.11	114230 114835	14 220 14 180		07.05- 07.11	113282	12 1.4
ML 320 3.2 V6	(163)[M112.942]	02.98- 07.02 02.98- 07.02	111902 113302	14 115 14 120		02.98- 07.02	111768	12 1.7
ML 350 3.0 BlueTec 4-matic	(166)[OM642.826]	06.11- 02.15	116724	14 250				
ML 350 3.0 CDI 4 Matic	(W164)[OM642.820]	02.10-	116080	14 220				
ML 350 3.0 CDI 4-Matic	(W164)[OM642.940]	07.09-	116080	14 220				
ML 350 3.0 Diesel BlueTEC 4-Matic	(W164)[OM642.820]	09.09-	116080	14 220				
ML 350 3.5 4 Matic	(164)[M272.967]	07.05- 07.05-	116487 115532 116081	14 180 14 180 14 220				
ML 350 3.7	(163)[M112.970]	08.02- 06.05	113302	14 120		08.02- 06.05	113282	12 1.4
ML 400 3.0 4 Matic	(166)[M276.821]					08.13-	116002	12 1.7
ML 400 4.0 CDI	(163)[OM628.963]	09.01-	112428	14 150		09.01-	115408	12 2.3
ML 420 4.0 CDI 4 Matic	(164)[OM629.912]	02.06-	115909	14 220				
ML 430 4.3	(163)[M113.942]	02.98- 06.05	111850	14 143 Change pulley		02.98- 06.05	111768	12 1.7
ML 450 4.0 CDI 4-Matic	(W164)[OM629.912]	09.09-	115909	14 220				
ML 500 5.0	(163)[M113.964]	09.01- 09.01- 09.01- 09.01-	111850 111902 113489 111850	14 143 Change pulley 14 115 14 150 14 143 Change pulley		09.01- 09.01- 09.01- 09.01-	113282 111768 116002 113282	12 1.4 12 1.7 12 1.7 12 1.4
ML 500 5.0 4 Matic	(164)[M113.964]	07.05-	114737	14 180		07.05-	115770	12 1.1
ML 500 5.5 4 Matic	(W164)[M273.963]		116487 115532	14 180 14 180				
ML 55 AMG 5.4	(163)[M113.981]					02.00- 06.05	113282	12 1.4
ML 63 AMG 5.5 4-Matic	(W166)[M157.982]					11.11-	116002	12 1.7
ML 63 AMG 6.2 4 Matic	(164)[M156.980]	01.06-	115532	14 180		01.06-	116002	12 1.7
O 810 4.3	[OM904.904]	09.96- 09.96- 09.96- 09.96-	112561 113448 116585 116654	28 80 28 100 28 100 A49 28 80 A49		09.96- 09.96- 09.96- 09.96-	111982 114523	24 4.0 24 4.0
O 812 2.9	[OM602.984]	09.96-	111883	14 115		09.96-	111851	12 2.0
O 814 4.3	[OM904.908]	09.96- 09.96- 09.96- 09.96-	112561 113448 116585 116654	28 80 28 100 28 100 A49 28 80 A49		09.96- 09.96- 09.96- 09.96-	111982 114523	24 4.0 24 4.0
O 815 4.3	[OM904.923]	09.96- 09.96- 09.96- 09.96-	112561 113448 116585 116654	28 80 28 100 28 100 A49 28 80 A49		09.96- 09.96- 09.96- 09.96-	111982 114523	24 4.0 24 4.0
Pullmann 600 6.3	[M100.980] [M100.982]	08.73- 01.79 08.73- 01.79	110358 110358	14 55 14 55				
R 280 3.0 CDI	(W251)[OM642.870] (W251)[OM642.872] (W251)[OM642.950]	05.06- 05.06- 05.06-	116080 116080 116080	14 220 14 220 14 220				
R 280 3.0 CDI 4 Matic	(251)[OM642.950]	05.06- 05.06- 05.06-	114230 114835 116080	14 220 14 180 14 220		05.06-	111768	12 1.7
R 280 3.0	(W251)[M272.945]		116487 115532	14 180 14 180				
R 300 3.0 CDI	(W251)[OM642.870] (W251)[OM642.872] (W251)[OM642.950]	07.09- 07.09- 07.09-	116080 116080 116080	14 220 14 220 14 220		07.09- 07.09- 07.09-	115770 111768	12 1.1 12 1.7
R 300 3.0 CDI 4-Matic	(W251)[OM642.950]	07.09-	116080	14 220		07.09-	111768	12 1.7
R 300 3.0	(W251)[M272.945]		116487	14 180				
R 320 3.0 CDI 4 Matic	(251)[OM642.950]	01.06- 01.06- 01.06-	114230 114835 116080	14 220 14 180 14 220		01.06-	111768	12 1.7
R 320 3.0 CDI 4-Matic	(W251, V251)[OM642.870] (W251, V251)[OM642.950]	01.06- 01.06- 01.06- 01.06- 01.06-	114042 116080 116113 116080 116113	14 180 A49 14 220 14 180 14 220 14 180		01.06- 01.06- 01.06-	111768 111768	12 1.7 12 1.7
R 350 3.0 4-Matic	(W251)[OM642.870] (W251)[OM642.950]	01.06- 01.06-	116080 116080	14 220 14 220				
R 350 3.0 CDI 4-matic	(W251, V251)[OM642.872]	08.10- 08.10- 08.10-	114042 116080 116113	14 180 A49 14 220 14 180		08.10-	113282	12 1.4



MERCEDES-BENZ Continued

R 350 3.5	(W251)[M272.967]		01.07-	116487 115532	14 180 14 180		01.07-	115770	12 1.1
R 350 3.5 4 Matic	(251)[M272.967]		08.05- 12.12 01.06-	116487 115532 114454	14 180 14 180 14 180		08.05- 12.12	115770	12 1.1
R 500 5.0 4 Matic	(251)[M113.971]		01.06-	114737	14 180				
R 500 5.5 4 Matic	(W251)[M273.963]		01.07-	116487 115532	14 180 14 180				
S 250 2.1 CDI	(W221)[OM651.961]		01.11- 12.13	116704	14 220		01.11- 12.13	114742	12 1.8
S 280 2.8	(140)[M104.944]		01.93- 10.98	112194	14 120		01.93- 10.98	111851	12 2.0
	(220)[M112.922]	Chas. A229602-	10.98- 08.05	114836	14 150		10.98- 08.05	113282	12 1.4
		Chas. -A229601	10.98-	113489	14 150		10.98-	111768	12 1.7
S 280 3.0	(W221)[M272.946]		08.06-	116081	14 220		08.06-	113282	12 1.4
						RHD	08.06-	115825	12 1.1
							08.06-	115770	12 1.1
S 300 2.1 Hybrid BlueTec	(W222)[OM651.921]		02.14- 05.17	116702	14 250		02.14- 05.17	112440	12 2.2
							02.14- 05.17	114742	12 1.8
S 300 3.0 TD	(140)[OM606.961]		06.96- 09.98	111883	14 115		06.96- 09.98	111065	12 2.2
S 320 3.0 CDI	(221)[OM642.930]		12.05- 06.09	116080	14 220		10.05-	113282	12 1.4
	(W221)		10.05-	114230	14 220				
			10.05-	116080	14 220				
S 320 3.0 CDI 4 Matic	(W221)[OM642.932]		10.06-	116080	14 220		10.06-	114178	12 1.4
S 320 3.0 CDI 4-matic	(W221)[OM642.932]		10.05-	116080	14 220				
S 320 3.2 CDI	(220)[OM613.960]		06.99- 09.02	112428	14 150		06.99- 09.02	112440	12 2.2
			08.99- 09.02	113771	14 190		08.99- 09.02	111851	12 2.0
			08.99- 09.02	113772	14 190		08.99- 09.02	111768	12 1.7
	(220)[OM648.960]		09.02- 08.05	113944	14 200		09.02- 08.05	111768	12 1.7
S 320 3.2	(220)[M112.944]	Chas. A229602-	10.98- 08.05	114836	14 150		10.98- 08.05	113282	12 1.4
		Chas. -A229601	10.98-	113489	14 150		10.98-	111851	12 2.0
S 350 3.0	(W221)[OM642.862]		04.11-	116100	14 220		A25 04.11-	116083	12 1.8 RHD
S 350 3.0 4-Matic	(W221)[OM642.868]		04.11-	116080	14 220		RHD 04.11-	114178	12 1.4
			04.11-	116100	14 220		A25 04.11-	116084	12 1.8
S 350 3.0 BlueTEC	(W222)[OM642.861]		05.13-	116580	14 250		A25 05.13-	116084	12 1.8
S 350 3.0 BlueTEC 4-matic	(W222)[OM642.867]		02.14-	116580	14 250		RHD 02.14-	115825	12 1.1
							A25 02.14-	116084	12 1.8
S 350 3.0 CDI 4-matic	(W221)[OM642.932]		06.09- 07.13	116080	14 220		RHD 06.09- 07.13	114178	12 1.4
S 350 3.5	(221)[M272.965]		10.05-	115532	14 180	Chas. - A 398576	10.05-	113282	12 1.4
			10.05-	116081	14 220		10.05-	114178	12 1.4
S 350 3.5 4 Matic	(W221)[M272.975]		02.08- 12.13	115532	14 180		02.08- 12.13	113282	12 1.4
			02.08-	116101	14 220	A25	02.08-	116084	12 1.8
			02.08- 12.13	116768	14 220	RHD	02.08- 12.13	115825	12 1.1
S 350 3.7	(220)[M112.972]		09.02- 08.05	114836	14 150		09.02- 08.05	111065	12 2.2
S 350 3.7 4 Matic	(220)[M112.975]		06.03- 08.05	114836	14 150	Chas. - A 398576	06.03- 08.05	113282	12 1.4
S 400 4.0 CDI	(220)[OM628.960]		06.00-	112428	14 150		06.00-	115408	12 2.3
S 400 Hybrid 3.5 Hybrid	(W221)[M272.974]						01.09-	115770	12 1.1
S 420 4.0 CDI	(221)[OM629.911]		10.06-	116143	14 220				
S 420 4.2	(140)[M119.971]		01.93- 08.99	111850	14 143		10.94- 02.99	115939	12 2.2
	(140)[M119.981]	Eng. 012761-	10.94- 02.99	111850	14 143				
S 430 4.3	(220)[M113.941]	Chas. A229602-	10.98- 08.05	114836	14 150		10.98- 08.05	111768	12 1.7
		Chas. -A229601	10.98-	113489	14 150				
S 430 4.3 4 Matic	(220)[M113.948]		09.02- 08.05	114836	14 150				
S 450 4.0 CDI	(W221)[OM629.911]		01.09- 12.13	116143	14 220	RHD	01.09- 12.13	115825	12 1.1
S 450 4.7	(W221)[M273.922]		12.05- 12.13	115532	14 180	RHD	12.05- 12.13	114178	12 1.4
			12.05-	116081	14 220		12.05-	115939	12 2.2
S 450 4.7 4 Matic	(W221)[M273.924]		12.05- 12.13	115532	14 180	RHD	12.05- 12.13	114178	12 1.4
			12.05-	116101	14 220	RHD	12.05-	115825	12 1.1
			12.05- 12.13	116768	14 220				
S 500 5.0	(220)[M113.960]	Chas. A229602-	10.98- 08.05	114836	14 150	RHD	10.98- 08.05	114178	12 1.4
		Chas. -A229601	10.98-	113489	14 150		10.98-	111768	12 1.7
	(W220)	Chas. -A229601	10.98- 12.03	113489	14 150		10.98- 12.03	113282	12 1.4
		Chas. -A229601	10.98- 12.03	114836	14 150		10.98- 12.03	116002	12 1.7
	(220)[M113.966]		10.98- 08.05	113489	14 150		10.98- 08.05	111768	12 1.7
			10.98- 08.05	114836	14 150	RHD	10.98- 08.05	114178	12 1.4
	(140)[M119.970]		10.92- 08.99	111850	14 143		10.92- 08.99	111768	12 1.7
S 500 5.0 4 Matic	(220)[M113.966]		09.02- 08.05	114836	14 150	RHD	09.02- 08.05	114178	12 1.4
S 500 5.5	(221)[M273.961]		10.05-	115532	14 180		10.05-	116002	12 1.7
			10.05-	116081	14 220				
S 500 5.5 4 Matic	(221)[M273.961]		10.05-	115532	14 180		10.05-	116002	12 1.7
			10.05-	116101	14 220	RHD	10.05-	115825	12 1.1
			10.05- 12.13	116768	14 220				
	(221)[M273.968]		10.05-	115532	14 180		10.05-	116002	12 1.7
			10.05-	116101	14 220	RHD	10.05-	115825	12 1.1
			10.05- 12.13	116768	14 220				
S 500 Maybach 4.7	(W222, V222, X222)[M278.929]						12.14-	116002	12 1.7
S 55 AMG 5.4	(220)[M113.986]	Chas. A229602-	04.99- 08.05	114836	14 150		04.99-	111768	12 1.7
		Chas. -A229601	04.99-	113489	14 150				
S 55 AMG 5.4 Kompressor	(220)[M113.991]		06.02- 08.05	114737	14 180		06.02- 08.05	113282	12 1.4
S 550 4.7	(W221)[M278.932]					A25	09.11- 12.13	116002	12 1.7
S 600 5.5	(220)[M275.950]		09.02- 08.05	115905	14 150				
	(221)[M275.953]		12.05-	116100	14 220				
S 600 5.8	(220)[M137.970]		01.00- 08.05	115905	14 150	A25	01.00- 08.05	116084	12 1.8
S 600 6.0	(140)[M120.980]		09.92- 02.99	111850	14 143	A25	09.92- 02.99	116083	12 1.8 RHD
		Eng. 025950-				RHD	01.93- 09.95	114178	12 1.4
	(140)[M120.982]	Eng. 025950-	01.93- 09.95	111850	14 143		01.93- 09.95	111768	12 1.7
S 600 Maybach 6.0	(W222, V222, X222)[M277.980]					A25	12.14-	116083	12 1.8
S 63 AMG 5.5	(W221)[M157.980]						02.12-	116002	12 1.7
	(C217)[M157.985]						07.14-	116002	12 1.7
	(W222)						05.13-	116002	12 1.7
S 63 AMG 5.5 4 Matic	(W222)[M157.985]						05.13-	116002	12 1.7
S 63 AMG 6.2	(221)[M156.984]		10.06-	116057	14 220		10.06-	116002	12 1.7
S 65 AMG 6.0	(220)[M275.980]		03.04- 08.05	115905	14 150		03.04- 08.05	111768	12 1.7
	(221)[M275.982]		12.05-	116100	14 220		12.05-	114178	12 1.4
	(C217)[M279.980]					A25	07.14-	116083	12 1.8
	(W222)					A25	02.14-	116084	12 1.8
S 65 AMG 6.0 AMG	(W221)[M275.982]		04.11-	116100	14 220	A25	04.11-	116083	12 1.8 RHD
S 650 6.0	(W222, V222, X222)[M279.980]						07.17-	116083	12 1.8
							07.17-	116084	12 1.8
S 650 6.0 S 650 Maybach (222.980)	(W222, V222, X222)[M277.980]					RHD	03.19-	116083	12 1.8
							03.19-	116084	12 1.8
S 680 6.0 S 680 Maybach 4-matic (22	(2223)[M279.980]						05.21-	116083	12 1.8



SL 280 2.3	(129)[M104.943]	08.93- 05.98	112194	14 120	08.93- 05.98	113282	12 1.4
SL 280 2.8	(129)[M112.923]	05.98-	111902	14 115	05.98-	111768	12 1.7
SL 280 3.0	(R230)[M272.949]	03.08- 01.12	115532	14 180	RHD 03.08- 01.12	115825	12 1.1
					03.08-	115770	12 1.1
SL 320 3.2	(129)[M104.991]	09.93- 05.98	112194	14 120	09.93- 05.98	113282	12 1.4
	(129)[M112.943]	05.98- 08.01	111902	14 115	05.98- 08.01	111768	12 1.7
SL 350 3.5	(230)[M272.966]	03.06-	114454	14 180	03.06-	113282	12 1.4
		03.06- 01.12	115532	14 180	RHD 03.06- 01.12	115825	12 1.1
	(R230)[M272.968]		116487	14 180	RHD	115825	12 1.1
SL 350 3.7	(230)[M112.973]	03.03-	114836	14 150	RHD 03.03-	114178	12 1.4
SL 500 5.0	(129)[M113.961]	05.98- 10.01	111850	14 143	05.98- 10.01	111768	12 1.7
	(230)[M113.963]	10.01-	114836	14 150	RHD 10.01-	114178	12 1.4
	(129)[M119.982]	09.92- 10.01	111850	14 143	09.92- 10.01	113282	12 1.4
SL 500 5.5	(230)[M273.965]	03.06-	115532	14 180	03.06-	116002	12 1.7
					RHD 03.06-	115825	12 1.1
SL 55 AMG 5.4	(230)[M113.992]	06.02-	114737	14 180	06.02-	111768	12 1.7
	(230)[M113.995]	03.06-	114737	14 180	03.06-	111768	12 1.7
SL 55 AMG 5.4	(R230)[M113.992]	09.03- 12.05	114737	14 180	09.03- 12.05	111768	12 1.7
SL 55 AMG 5.5	(230)[M113.992]	10.01- 06.02	114737	14 180	10.01- 06.02	111768	12 1.7
		10.01- 06.02	114836	14 150	RHD 10.01- 06.02	114178	12 1.4
SL 600 5.5	(230)[M275.954]				03.06-	111768	12 1.7
SL 600 6.0	(129)[M120.983]	07.92- 10.01	111850	14 143	07.92- 10.01	111768	12 1.7
SL 63 AMG 5.5	(R231)[M157.983]				04.14-	116002	12 1.7
SL 65 AMG 6.0	(230)[M275.981]				03.04-	111768	12 1.7
	(R231)[M279.981]				A25 05.12-	116083	12 1.8
SLC 180 1.6	(R172)[M270.910]	01.16-	116631	14 175	01.16-	116555	12 1.7
	(R172)[M274.910]	01.16-	116631	14 175	01.16-	116555	12 1.7
SLC 200 2.0	(R172)[M274.920]	01.16-	116631	14 175	01.16-	116555	12 1.7
SLC 300 2.0	(R172)[M274.920]	01.16-	116631	14 175	01.16-	116555	12 1.7
SLK 200 1.8	(R172)[M271.860]	02.11-	115810	14 120	02.11-	115339	12 2.0
		02.11-	115984	14 150	02.11-	115771	12 1.7
	(R172)[M271.861]	02.11-	115810	14 120	02.11-	115339	12 2.0
		02.11-	115984	14 150	02.11-	115771	12 1.7
SLK 200 1.8 Kompressor	(171)[M271.944]	03.04-	113877	14 120 A49	03.04-	113513	12 1.1
		03.04-	116322	14 120			
SLK 200 2.0	(170)[M111.946]	AT 09.96-	111369	14 90	09.96-	111347	12 1.2
SLK 200 2.0 Kompressor	(170)[M111.943]	10.96-	113486	14 90	10.96-	111347	12 1.2
	(170)[M111.958]	03.00-	113486	14 90	03.00-	111347	12 1.2
SLK 230 2.3 Kompressor	(170)[M111.973]	09.96-	113486	14 90	09.96-	111347	12 1.2
	(170)[M111.983]	02.00- 03.04	113486	14 90	02.00- 03.04	111347	12 1.2
SLK 250 1.8	(R172)[M271.860]	02.11-	115810	14 120	A25 02.11-	114742	12 1.8
		02.11-	115984	14 150	02.11-	115771	12 1.7
	(R172)[M271.861]	02.11-	115810	14 120	02.11-	115339	12 2.0
		02.11-	115984	14 150	02.11-	114305	12 1.7
SLK 250 2.2 CDI	(R172)[OM651.980]	01.12-	114876	14 180 A49	01.12-	113513	12 1.1
		01.12-	115437	14 180	01.12-	115339	12 2.0
		01.12-	115600	14 180	01.12-	115771	12 1.7
		01.12-	116309	14 180			
SLK 280 2.0	(R172)[M274.920]	07.15-	116631	14 175	RHD 07.15-	115825	12 1.1
SLK 280 3.0	(171)[M272.942]	01.05-	115905	14 150	RHD 01.05-	114178	12 1.4
	(R171)	04.09-	115905	14 150	RHD 04.09-	116555	12 1.7
					RHD 04.09-	115825	12 1.1
					04.09-	115770	12 1.1
SLK 32 AMG 3.2 Kompressor	(170)[M112.960]				03.01-	113282	12 1.4
SLK 320 3.2	(170)[M112.947]	03.00-	113302	14 120	03.00-	111768	12 1.7
					03.03-	113282	12 1.4
SLK 350 3.5	(R171)[M272.969]		116487	14 180	RHD 01.08-	115825	12 1.1
		01.08-	115905	14 150			
	(R172)[M276.956]		116487	14 180			
SLK 350 AMG 3.5	(171)[M272.963]	06.04-	115905	14 150	RHD 06.04-	115825	12 1.1
SLK 55 AMG 5.4	(R171)[M113.989]	09.09- 12.11	114836	14 150	RHD 09.09- 12.11	111768	12 1.7
					RHD 09.09- 12.11	114178	12 1.4
SLK 55 AMG 5.5	(R172)[M152.980]				01.12-	116002	12 1.7
SLR 5.4	(199)[M155.980]	04.04-	114836	14 150	04.04-	111768	12 1.7
SLR 5.4 722 Edition	(199)[M155.980]	10.06-	114836	14 150	10.06-	111768	12 1.7
SLR 5.4 Roadster	[M155.980]	10.06-	114836	14 150			
SLR 5.4	(R199)[M155.980]	09.04-	114836	14 150			
SLR Roadster 5.4 Slr McLaren	(R199)[M155.980]	04.07- 12.09	114836	14 150	04.07- 12.09	111768	12 1.7
Sprinter 1.8 316 NGT	(906)[M271.951]	03.09-	116463	14 150			
		03.09-	116490	14 150			
Sprinter 1.8 516	(906)[M271.951]	03.09-	116463	14 150			
		03.09-	116490	14 150			
Sprinter 2.1 CDI 211 RWD	(910, 907)[OM651.958]	02.18-	115600	14 180	02.18-	114305	12 1.7
		02.18-	115988	14 150 A49			
		02.18-	116365	14 200			
Sprinter 2.1 CDI 214 RWD	(910, 907)[OM651.958]	02.18-	115600	14 180	02.18-	114305	12 1.7
		02.18-	115988	14 150 A49			
		02.18-	116365	14 200			
Sprinter 2.1 CDI 216 RWD	(910, 907)[OM651.958]	02.18-	115600	14 180	02.18-	114305	12 1.7
		02.18-	115988	14 150 A49			
		02.18-	116365	14 200			
Sprinter 2.1 CDI 3,5t	(906)[OM651.955]	06.06-	115413	14 220	A25 08.11-	115512	12 1.7 A49
		06.06- 05.16	115676	14 180	05.09-	114850	12 2.5
		06.06- 05.16	116702	14 250	06.06-	114305	12 1.7
		06.06- 05.16	116704	14 220	05.09-	114742	12 1.8
		05.09-	114146	14 120			
		05.09-	114876	14 180 A49			
		05.09-	115437	14 180			
		05.09-	116309	14 180			
		A25 06.06-	116142	14 200			
	(906)[OM651.956]	05.09-	114876	14 180 A49	05.09-	115589	12 1.7
		06.06-	116142	14 200	05.09-	114742	12 1.8
		06.06-	115413	14 220	05.09-	116083	12 1.8
		06.06- 05.16	115676	14 180	06.06-	114507	12 1.8
		06.06- 05.16	116702	14 250	06.06- 05.16	114305	12 1.7
		06.06- 05.16	116704	14 220	08.11-	113513	12 1.1
		05.09-	114146	14 120	08.11-	114850	12 2.5
		05.09-	115437	14 180			
		05.09-	116309	14 180			



MERCEDES-BENZ Continued

Sprinter 2.1 CDI 313	(909)[OM646.701]	01.17- 01.17- 01.17-	114102 114146 116068	14 180 A49 14 120 14 180	A25 01.17-	114850	12 2.5
Sprinter 2.1 CDI 314 4x4	(907, 910)[OM651.958]	01.19- 01.19- 01.19-	115600 115988 116365	14 180 14 150 A49 14 200	01.19-	114305	12 1.7
Sprinter 2.1 CDI 316 4x4	(907, 910)[OM651.958]	01.19- 01.19- 01.19-	115600 115988 116365	14 180 14 150 A49 14 200	01.19-	114305	12 1.7
Sprinter 2.1 CDI 413	(909)[OM646.701]	01.17- 01.17- 01.17-	114102 114146 116068	14 180 A49 14 120 14 180	A25 01.17-	114850	12 2.5
Sprinter 2.1 CDI 414 4x4	(906)[OM651.955]	05.16- 05.16- 05.16- 05.16-	115600 116142 116702 116704	14 180 14 200 14 250 14 220	05.16-	114305	12 1.7
	(907, 910)[OM651.958]	01.19- 01.19- 01.19-	115600 115988 116365	14 180 14 150 A49 14 200	01.19-	114305	12 1.7
Sprinter 2.1 CDI 416 4x4	(907, 910)[OM651.958]	01.19- 01.19- 01.19-	115600 115988 116365	14 180 14 150 A49 14 200	01.19-	114305	12 1.7
Sprinter 2.1 CDI 4x4 3,5t	(906)[OM651.955]	A25 05.09- 05.09- 05.09- 05.09- 05.09- 05.09- 05.09- 05.09- 05.09-	116142 114146 114876 115413 115437 115676 116309 116702 116704	14 200 14 120 14 180 A49 14 220 14 180 14 180 14 180 14 250 14 220	A25 08.11- 05.09- 05.09- 05.09- 05.11- 08.11-	115512 114850 114742 114305 114507 115607	12 1.7 A49 12 2.5 12 1.8 12 1.7 12 1.8 12 1.7
	(906)[OM651.956]	05.09- 05.09- 05.09- 05.09- 05.09- 05.09- 05.09- 08.11- 08.11-	114876 115413 115437 115676 116309 116702 116704 114146 116142	14 180 A49 14 220 14 180 14 180 14 180 14 250 14 220 14 120 14 200	05.09- 05.09- 05.09- 08.11- 08.11-	114742 114305 116083 113513 114850 114507	12 1.8 12 1.7 12 1.8 12 1.1 12 2.5 12 1.8
	(906)[OM651.957]	05.11- 05.11- 05.11- 05.11- 05.11- 05.11- 05.11- 05.11- 05.11-	114146 114876 115413 115437 115676 116309 116702 116704 116142	14 120 14 180 A49 14 220 14 180 14 180 14 180 14 250 14 220 14 200	05.11- 05.11- 05.11- 05.11- A25 08.11-	114093 114305 114742 114507 114850	12 1.7 12 1.7 12 1.8 12 1.8 12 2.5
Sprinter 2.1 CDI 516 4x4	(907)[OM651.958]	A25 01.19- 01.19- 01.19-	115600 115988 116365	14 180 14 150 A49 14 200	01.19-	114305	12 1.7
Sprinter 2.2 CDI 313 4x4	(906)[OM651.955]	06.06- 06.06- 06.06- 06.06- 05.16 06.06- 06.06- 06.06- 05.16 06.06- 05.16	114876 115413 115437 115676 116142 116309 116702 116704	14 180 A49 14 220 14 180 14 180 14 200 14 180 14 250 14 220	06.06- 06.06- 06.06- 06.06- 05.16	114742 114305 114507	12 1.8 12 1.7 12 1.8
	(906)[OM651.956]	06.06- 06.06- 06.06- 06.06- 06.06- 05.16 06.06- 06.06- 05.16 06.06- 05.16	114146 114876 115413 115437 115676 116309 116702 116704	14 120 14 180 A49 14 220 14 180 14 180 14 180 14 250 14 220	06.06- 06.06- 06.06- 06.06- 05.16	114093 114742 114507 114305	12 1.7 12 1.8 12 1.8 12 1.7
Sprinter 3.0 CDI 318	(906)[OM642.992] (906)[OM642.993]	02.08- 02.08- 02.08-	115912 114042 115912	14 220 14 180 A49 14 220	02.08-	112440	12 2.2
Sprinter 3.0 CDI 319	(906)[OM642.896]	03.09- 03.09- 03.09- 03.09- 03.09-	114042 115924 116113 116377 116580	14 180 A49 14 180 14 180 14 200 14 250	03.09-	112440	12 2.2
	(906)[OM642.898]	03.09- 03.09- 03.09- 03.09- 03.09-	114042 115924 116113 116377 116580	14 180 A49 14 180 14 180 14 200 14 250	03.09-	111851	12 2.0
	(906)[OM642.992]	03.09- 03.09- 03.09-	115924 116377 116580	14 180 14 200 14 250			
Sprinter 3.0 CDI 319 4x4	(907, 910)[OM642.899]	01.19- 01.19- 01.19- 01.19- 01.19-	114042 115912 116113 116377 116580	14 180 A49 14 220 14 180 14 200 14 250	01.19-	111768	12 1.7
Sprinter 3.0 CDI 419 4x4	(907, 910)[OM642.899]	01.19- 01.19- 01.19- 01.19-	114042 115912 116113 116377	14 180 A49 14 220 14 180 14 200	01.19-	111768	12 1.7
		01.19-	116580	14 250			



Sprinter 3.0 CDI 4x4	(906)[OM642.896]	05.11-	114042	14 180 A49	05.11-	111970	12 1.0
		05.11-	116113	14 180			
		05.11-	116377	14 200			
		05.11-	116580	14 250			
		A25 05.11-	115924	14 180			
	(906)[OM642.992]	05.11-	114042	14 180 A49	05.11-	111851	12 2.0
		05.11-	116113	14 180			
		05.11-	116377	14 200			
		05.11-	116580	14 250			
		A25 05.11-	115924	14 180			
Sprinter 3.0 CDI 4x4 3,5t	(906)[OM642.898]	05.11-	116377	14 200			
		05.11-	116580	14 250			
		A25 05.11-	115924	14 180			
Sprinter 3.0 CDI 519 4x4	(907)[OM642.899]	01.19-	114042	14 180 A49	01.19-	111768	12 1.7
		01.19-	115912	14 220			
		01.19-	116113	14 180			
		01.19-	116377	14 200			
		01.19-	116580	14 250			
Sprinter 208 2.1 CDI	(901,902)[OM611.987]	04.00-	112197	14 115			
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90			
Sprinter 208 2.3 Diesel	(901,902)[OM601	Eng. -385587	01.95- 03.95	111354	02.95- 03.95	111065	12 2.2
		Eng. -509806	09.96- 03.97	112529			
			01.95-	111883			
			01.95- 04.00	116129			
			04.95-	111890			
Sprinter 209 2.1 CDI	(906)[OM646.984]	06.06-	114102	14 180	06.06-	114093	12 1.7
		06.06-	114392	14 90			
		06.06-	115413	14 220			
		06.06-	116068	14 180			
Sprinter 210 2.1 CDI	(906)[OM651.955]	03.09-	114876	14 180 A49	03.09-	114305	12 1.7
		03.09-	115413	14 220			
		03.09- 05.16	115676	14 180			
		03.09-	115984	14 150			
		03.09-	116142	14 200			
		03.09-	116309	14 180			
		03.09- 05.16	116702	14 250			
		03.09- 05.16	116704	14 220			
Sprinter 210 2.9 Diesel	(901,902)[OM602.980]	AT, Eng. -001128	01.97- 04.00	112529	01.97-	111851	12 2.0
			01.97-	111883			
			01.97-	111890			
			01.97- 04.00	116129			
		AT, Eng. -001128	01.97-	111883			
		AT, Eng. -001128	01.97-	111890			
Sprinter 211 2.1 CDI	(901,902)[OM611.981]	04.00-	112197	14 115	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90			
	(906)[OM646.985]	06.06-	114102	14 180	06.06-	114850	12 2.5
		06.06-	114392	14 90			
		06.06-	115413	14 220			
		06.06-	115984	14 150			
		06.06-	116068	14 180			
	(907)	02.18-	114146	14 120	02.18-	115512	12 1.7 A49
		A25 02.18-	115437	14 180			
		02.18-	115413	14 220			
		A25 02.18-	115600	14 180			
Sprinter 211 2.2 CDI	(906)[OM651.955]	02.18-	116309	14 180	04.16-	114093	12 1.7 A49
		02.18-	116142	14 200			
		04.16-	114146	14 120			
		04.16-	114876	14 180 A49			
		04.16-	115413	14 220			
		04.16-	115437	14 180			
		04.16-	115600	14 180			
		04.16-	115676	14 180			
		04.16-	116142	14 200			
		04.16-	116309	14 180			
		04.16-	116702	14 250			
		04.16-	116704	14 220			
Sprinter 212 2.9 Diesel	(901,902)[OM602.980]	02.95- 04.00	116129	14 90 A49	02.95-	111065	12 2.2
		Eng. -025810	02.95-	112529			
		Eng. 025811-	02.95-	111890			
			02.95-	111354			
			02.95-	111883			
			02.95- 04.00	113768			
Sprinter 213 2.1 CDI	(901,902)[OM611.981]	04.00-	112197	14 115	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90			
	(906)[OM646.986]	06.06-	114102	14 180	06.06-	114742	12 1.8
		06.06-	114392	14 90			
		06.06-	115413	14 220			
		06.06-	116068	14 180			
	(906)[OM651.955]	06.06-	114146	14 120	06.06-	114742	12 1.8
		06.06-	114876	14 180 A49			
		06.06-	115413	14 220			
		06.06-	115437	14 180			
		06.06- 05.16	115676	14 180			
		06.06-	116142	14 200			
		06.06-	116309	14 180			
		06.06- 05.16	116702	14 250			
		06.06- 05.16	116704	14 220			
	(906)[OM651.956]	06.06-	114146	14 120	03.09-	114093	12 1.7
		06.06-	114876	14 180 A49			
		06.06-	115413	14 220			
		06.06-	115437	14 180			
		06.06- 05.16	115676	14 180			
		06.06-	116142	14 200			
		06.06-	116309	14 180			
		06.06- 05.16	116702	14 250			
		06.06- 05.16	116704	14 220			
	(906)[OM611.981]	06.06-	114146	14 120	06.06-	115512	12 1.7 A49
		06.06-	114876	14 180			
		06.06-	115413	14 220			
		06.06-	115437	14 180			
		06.06- 05.16	115676	14 180			
		06.06-	116142	14 200			
		06.06-	116309	14 180			
		06.06- 05.16	116702	14 250			
		06.06- 05.16	116704	14 220			



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	(906)[OM651.957]	06.06-	114146	14 120	06.06-	115512	12 1.7	A49
		06.06-	114876	14 180	06.06-	114305	12 1.7	
		06.06-	115413	14 220				
		06.06-	115437	14 180				
		06.06-	115676	14 180				
		06.06-	116142	14 200				
		06.06-	116309	14 180				
		06.06-	116702	14 250				
		06.06-	116704	14 220				
Sprinter 214 2.1 CDI	(907)	02.18-	115600	14 180	02.18-	111347	12 1.2	
	(907)	02.18-	116142	14 200	02.18-	114742	12 1.8	
Sprinter 214 2.2 CDI	(906)[OM651.955]	04.16-	115600	14 180	04.16-	111347	12 1.2	
		04.16-	116142	14 200	04.16-	114742	12 1.8	
		04.16-	116702	14 250	04.16-	114305	12 1.7	
		04.16-	116704	14 220				
Sprinter 214 2.3	(901,902)[M111.979]	02.95-	111902	14 115	02.95-	111347	12 1.2	
Sprinter 215 2.1 CDI	(906)[OM646.986]	06.06-	114102	14 180	06.06-	114093	12 1.7	
		06.06-	114392	14 90	06.06-	115512	12 1.7	A49
		06.06-	115413	14 220				
		06.06-	115984	14 150				
		06.06-	116068	14 180				
		06.06- 12.09	116702	14 250				
		06.06- 12.09	116704	14 220				
	A25	06.06-	116142	14 200				
	(906)[OM646.989]	06.06-	114102	14 180	06.06-	114093	12 1.7	
		06.06-	114392	14 90	06.06-	115512	12 1.7	A49
		06.06-	115413	14 220				
		06.06-	115984	14 150				
		06.06-	116068	14 180				
		06.06- 12.09	116702	14 250				
		06.06- 12.09	116704	14 220				
	A25	06.06-	116142	14 200				
	(906)[OM646.990]	06.06-	114102	14 180	06.06-	114093	12 1.7	
		06.06-	114392	14 90	06.06-	115512	12 1.7	A49
		06.06-	115413	14 220				
		06.06-	115984	14 150				
		06.06-	116068	14 180				
		06.06- 12.09	116702	14 250				
		06.06- 12.09	116704	14 220				
	A25	06.06-	116142	14 200				
Sprinter 216 1.8	(906)[M271.951]	09.08-	116463	14 150				
		09.08- 05.16	116490	14 150				
Sprinter 216 2.1 CDI	(906)[OM651.957]	03.09-	114146	14 120	03.09-	114742	12 1.8	
		03.09-	114513	14 95	03.09-	115512	12 1.7	A49
		03.09-	114876	14 180	03.09-	114305	12 1.7	
		03.09-	115413	14 220				
		03.09-	115437	14 180				
		03.09-	115676	14 180				
		03.09-	116142	14 200				
		03.09-	116309	14 180				
		03.09-	116702	14 250				
		03.09-	116704	14 220				
Sprinter 216 2.7 CDI	(901,902)[OM612.981]	04.00-	112197	14 115	04.00-	112440	12 2.2	
		04.00-	112425	14 150	04.00-	111851	12 2.0	
		04.00- 05.06	113889	14 90	04.00- 05.06	114093	12 1.7	
Sprinter 218 3.0 CDI	(906)[OM642.896]	06.06-	114042	14 180	06.06-	114507	12 1.8	A49
		06.06-	115912	14 220				
		06.06-	116113	14 180				
	(906)[OM642.992]	06.06-	115912	14 220				
	(906)[OM642.993]	06.06-	115912	14 220	06.06-	114507	12 1.8	
Sprinter 219 3.0 CDI	(906)[OM642.896]	03.09-	116377	14 200	03.09-	114507	12 1.8	
		03.09-	116580	14 250				
		A25	03.09-	115924	14 180			
	(906)[OM642.992]	03.09-	116377	14 200				
		03.09-	116580	14 250				
		A25	03.09-	115924	14 180			
Sprinter 224 3.5	(906)[M272.979]	06.06-	114454	14 180	06.06-	114178	12 1.4	
		06.06-	115905	14 150				
		06.06-	116081	14 220				
Sprinter 308 2.1 CDI	(903)[OM611.987]	04.00-	112197	14 115				
		04.00-	112425	14 150				
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115318	14 200				A49
Sprinter 308 2.3 Diesel	(903)[OM601.943]	02.95- 03.00	111883	14 115	04.95-	111851	12 2.0	
		02.95- 03.00	111890	14 90	02.95- 03.95	111065	12 2.2	
		02.95- 04.00	116129	14 90	02.95- 03.95	111347	12 1.2	A49
		03.97- 04.00	111354	14 70				
	Eng. 385588 - 509806	04.95- 03.97	112529	14 90				
Sprinter 309 2.1 CDI	(906)[OM646.984]	06.06-	114102	14 180	06.06-	114093	12 1.7	
		06.06-	114392	14 90	06.06-	115512	12 1.7	A49
		06.06-	116068	14 180				
Sprinter 310 2.1 CDI	(906)[OM651.955]	03.09-	114146	14 120	03.09-	114305	12 1.7	
		03.09-	114876	14 180				A49
		03.09-	115413	14 220				
		03.09-	115437	14 180				
		03.09- 05.16	115676	14 180				
		03.09-	116142	14 200				
		03.09-	116309	14 180				
		03.09- 05.16	116702	14 250				
		03.09- 05.16	116704	14 220				
	(906)[OM651.956]	03.09-	114146	14 120	03.09-	114305	12 1.7	
		03.09-	114876	14 180				A49
		03.09-	115413	14 220				
		03.09-	115437	14 180				
		03.09-	115676	14 180				
		03.09-	116142	14 200				
		03.09-	116309	14 180				
		03.09- 12.13	116702	14 250				
		03.09- 12.13	116704	14 220				



Sprinter 310 2.9 Diesel	(903)[OM602.980]	02.95-	111883	14 115	01.97- 04.00	114305	12 1.7
		02.95-	111890	14 90	01.97- 03.00	114742	12 1.8
		02.95- 04.00	116129	14 90 A49	02.95-	114850	12 2.5
		Eng. -025810 01.97- 04.00	112529	14 90	02.95-	111851	12 2.0
Sprinter 310 2.9 Diesel 4x4	(903)[OM602.980]	05.97-	111883	14 115	05.97-	114742	12 1.8
		05.97-	111890	14 90	05.97-	111851	12 2.0
		05.97- 08.02	116129	14 90 A49	01.97- 03.00	114305	12 1.7
		AT, Eng. -001128 01.97- 03.00	112529	14 90			
Sprinter 311 2.1 CDi	(903)[OM611.981]	04.00-	112197	14 115	04.00-	111851	12 2.0
		04.00-	112425	14 150	04.00- 05.06	114093	12 1.7
		04.00- 05.06	113889	14 90			
		04.00- 05.06	115318	14 200 A49			
	(906)[OM646.985]	06.06-	113951	14 200	06.06-	114093	12 1.7
		06.06-	114102	14 180	06.06-	115512	12 1.7 A49
		06.06-	114392	14 90	A25 06.06-	114850	12 2.5
		06.06-	115413	14 220	06.06-	114742	12 1.8
		06.06-	115433	14 140	06.06-	114305	12 1.7
		06.06-	116068	14 180			
	(909)	09.13-	114146	14 120	09.13-	115512	12 1.7 A49
	(907)	02.18-	114146	14 120	02.18-	114850	12 2.5
	(909)	09.13-	114102	14 180 A49	09.13-	114305	12 1.7
	(907)	A25 02.18-	115437	14 180			
	(907)	02.18-	115413	14 220			
	(907)	A25 02.18-	115600	14 180			
	(909)	09.13-	116068	14 180			
	(907)	02.18-	116309	14 180			
	(907)	02.18-	116142	14 200			
Sprinter 311 2.1 CDi 4x4	(903)[OM611.981]	08.02-	112425	14 150	08.02-	111851	12 2.0
		08.02- 05.06	113889	14 90	08.02-	114093	12 1.7
		08.02- 05.06	115318	14 200 A49			
		02.08-	113951	14 200	02.08-	115512	12 1.7 A49
	(906)[OM646.985]	02.08-	114102	14 180	A25 02.08-	114742	12 1.8
		02.08-	114392	14 90	02.08-	114305	12 1.7
		02.08-	116068	14 180			
		02.08-	116068	14 180			
Sprinter 311 2.2 CDi	(906)[OM651.955]	05.16-	114146	14 120	05.16-	114850	12 2.5
		05.16-	114876	14 180 A49			
		05.16-	115413	14 220			
		05.16-	115437	14 180			
		05.16-	115600	14 180			
		05.16-	115676	14 180			
		05.16-	116142	14 200			
		05.16-	116309	14 180			
		05.16-	116702	14 250			
		05.16-	116704	14 220			
Sprinter 312 2.9 Diesel	(903)[OM602.980]	02.95-	111354	14 70	02.95-	111065	12 2.2
		02.95-	111883	14 115	02.95-	111851	12 2.0
		02.95- 04.00	113768	14 95			
		02.95- 04.00	116129	14 90 A49			
		12.98- 09.01	111890	14 90			
		12.98- 09.01	112529	14 90			
Sprinter 312 2.9 Diesel 4x4	(903)[OM602.980]	05.97-	111354	14 70	05.97-	111851	12 2.0
		05.97- 08.02	111883	14 115			
		05.97- 08.02	111890	14 90			
		05.97- 08.02	112529	14 90			
		05.97- 08.02	113768	14 95			
		05.97- 08.02	116129	14 90 A49			
Sprinter 313 2.1 CDi	(903)[OM611.981]	04.00-	112197	14 115	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90			
		06.06-	113951	14 200	06.06-	114093	12 1.7
	(906)[OM646.986]	06.06-	114102	14 180	06.06-	115512	12 1.7 A49
		06.06-	114392	14 90			
		06.06-	116068	14 180			
		06.06-	113951	14 200	06.06-	115512	12 1.7 A49
Sprinter 313 2.1 CDi 4x4	(903)[OM611.981]	08.02-	112425	14 150	08.02-	111851	12 2.0
		08.02- 05.06	113889	14 90	08.02- 05.06	114093	12 1.7
Sprinter 314 2.1 CDi	(907)	02.18-	115600	14 180	02.18-	114742	12 1.8
	(907)	02.18-	116142	14 200	02.18-	114305	12 1.7
Sprinter 314 2.2 CDi	(906)[OM651.955]	05.16-	115600	14 180	05.16-	111347	12 1.2
		05.16-	116142	14 200	A25 05.16-	114742	12 1.8
		05.16-	116702	14 250	05.16-	114305	12 1.7
		05.16-	116704	14 220			
Sprinter 314 2.2 CDi 4x4	(906)[OM651.955]	05.16-	115600	14 180	05.16-	111347	12 1.2
		05.16-	116142	14 200	05.16-	114742	12 1.8
		05.16-	116702	14 250	05.16-	114305	12 1.7
		05.16-	116704	14 220			
Sprinter 314 2.3	(903)[M111.979]	02.95-	111902	14 115	02.95-	111347	12 1.2
Sprinter 314 2.3 4x4	(903)[M111.979]	08.02-	111902	14 115	08.02-	111347	12 1.2
	(903)[M111.984]	08.02-	111902	14 115	08.02-	111347	12 1.2
Sprinter 315 2.1 CDi	(906)[OM646.989]	06.06-	113951	14 200	06.06-	111851	12 2.0
		06.06-	114102	14 180	06.06-	114093	12 1.7
		06.06-	114392	14 90	06.06-	115512	12 1.7 A49
		06.06-	115413	14 220			
		06.06-	116068	14 180			
		A25 06.06-	116142	14 200			
	(906)[OM646.990]	06.06-	113951	14 200	06.06-	114093	12 1.7
		06.06-	114102	14 180	06.06-	115512	12 1.7 A49
		06.06-	114392	14 90			
		06.06-	115413	14 220			
Sprinter 315 2.1 CDi 4x4	(906)[OM646.989]	A25 06.06-	116142	14 200			
		02.08-	113951	14 200	02.08-	111851	12 2.0
		02.08-	114102	14 180	02.08-	114093	12 1.7
		02.08-	114392	14 90	02.08-	115512	12 1.7 A49
		02.08-	116068	14 180			
		02.08-	116142	14 200			



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	(906)[OM646.990]	02.08-	113951	14 200		02.08-	114093	12 1.7	
		02.08-	114102	14 180		02.08-	115512	12 1.7	A49
		02.08-	114392	14 90					
		02.08-	115413	14 220					
		02.08-	116068	14 180					
		02.08-	116142	14 200					
Sprinter 316 1.8 Diesel NGT	(906)[M271.951]	09.08-	116463	14 150					
		09.08-	116490	14 150					
Sprinter 316 1.8	(906)[M271.951]	09.08-	116099	14 120					
		09.08-	116463	14 150					
		09.08-	116490	14 150					
Sprinter 316 1.8	(906)[M271.951]	09.08-	116099	14 120					
		09.08-	116463	14 150					
		09.08-	116490	14 150					
Sprinter 316 2.1 CDI	(906)[OM651.955]	08.11-	114146	14 120		08.11-	114093	12 1.7	
		08.11-	114876	14 180	A49	08.11-	114742	12 1.8	
		08.11-	115437	14 180		08.11-	114305	12 1.7	
		08.11-	115676	14 180					
		08.11-	116142	14 200					
		08.11-	116309	14 180					
		08.11-	116702	14 250					
		08.11-	116704	14 220					
	(906)[OM651.957]	03.09-	114146	14 120		A25 03.09-	114850	12 2.5	
		03.09-	114876	14 180	A49	03.09-	114093	12 1.7	
		03.09-	115413	14 220		03.09-	114305	12 1.7	
		03.09-	115437	14 180		08.11-	115512	12 1.7	A49
		03.09-	115676	14 180					
		03.09-	116142	14 200					
		03.09-	116309	14 180					
		03.09-	116702	14 250					
		03.09-	116704	14 220					
	(907)	02.18-	114146	14 120		02.18-	115512	12 1.7	A49
	(907)	A25 02.18-	115437	14 180		02.18-	114305	12 1.7	
	(907)	02.18-	115413	14 220					
	(907)	A25 02.18-	115600	14 180					
	(907)	02.18-	116309	14 180					
	(907)	02.18-	116142	14 200					
Sprinter 316 2.1 CDI 4x4	(906)[OM651.955]	03.09-	114876	14 180	A49	03.09-	114742	12 1.8	
		03.09-	115413	14 220		03.09-	115512	12 1.7	A49
		03.09-	115676	14 180		03.09-	114305	12 1.7	
		03.09-	116142	14 200					
		03.09-	116309	14 180					
		03.09-	116702	14 250					
		03.09-	116704	14 220					
	(906)[OM651.957]	03.09-	114876	14 180	A49	A25 03.09-	114742	12 1.8	
		03.09-	115413	14 220		03.09-	114305	12 1.7	
		03.09-	115676	14 180					
		03.09-	116142	14 200					
		03.09-	116309	14 180					
		03.09-	116702	14 250					
		03.09-	116704	14 220					
Sprinter 316 2.7 CDI	(903)[OM612.981]	04.00-	112197	14 115		04.00-	112440	12 2.2	
		04.00-	112425	14 150		04.00-	113513	12 1.1	
		04.00- 05.06	113889	14 90		04.00- 05.06	114093	12 1.7	
Sprinter 316 2.7 CDI 4x4	(903)[OM612.981]	08.02- 05.06	112425	14 150		08.02- 05.06	111851	12 2.0	
		08.02- 05.06	113889	14 90		08.02- 05.06	113513	12 1.1	
Sprinter 316 LGT 1.8 LGT	(906)[M271.951]	09.08-	116099	14 120		09.08-	113513	12 1.1	
		09.08-	116463	14 150					
		09.08-	116490	14 150					
Sprinter 318 3.0 CDI	(906)[OM642.896]	06.06-	114042	14 180	A49	06.06-	115589	12 1.7	
		06.06-	115912	14 220		06.06-	114507	12 1.8	
		06.06-	116113	14 180					
	(906)[OM642.992]	06.06-	114042	14 180	A49	06.06-	114507	12 1.8	
		06.06-	115912	14 220					
		06.06-	116113	14 180					
	(906)[OM642.993]	06.06-	115912	14 220		06.06-	114507	12 1.8	
Sprinter 318 3.0 CDI 4x4	(906)[OM642.896]	02.08-	114042	14 180	A49	02.08-	114507	12 1.8	
		02.08-	115912	14 220					
		02.08-	116113	14 180					
	(906)[OM642.992]	02.08-	115912	14 220					
	(906)[OM642.993]	02.08-	114042	14 180	A49	02.08-	114507	12 1.8	
		02.08-	115912	14 220					
		02.08-	116113	14 180					
Sprinter 319 3.0 CDI	(907, 910)	02.18-	115912	14 220		02.18-	114507	12 1.8	
	(907, 910)	A25 02.18-	115924	14 180					
	(907, 910)	02.18-	116113	14 180					
	(907, 910)	02.18-	116377	14 200					
	(907)	02.18-	116580	14 250					
	(907, 910)	02.18-	116580	14 250					
Sprinter 319 3.0 CDI 4x4	(906)[OM642]	03.09-	116377	14 200		03.09-	114507	12 1.8	
		03.09-	116580	14 250					
		A25 03.09-	115924	14 180					
	(906)[OM642.896]	03.09-	114042	14 180	A49	03.09-	111768	12 1.7	
		03.09-	115924	14 180		03.09-	114507	12 1.8	
		03.09-	116113	14 180					
		03.09-	116377	14 200					
		03.09-	116580	14 250					
	(906)[OM642.898]	03.09-	114042	14 180	A49	03.09-	111768	12 1.7	
		03.09-	115924	14 180		03.09-	114507	12 1.8	
		03.09-	116113	14 180		A25 03.09-	116083	12 1.8	
		03.09-	116377	14 200		A25 03.09-	116084	12 1.8	
		03.09-	116580	14 250					
	(906)[OM642.992]	03.09-	114042	14 180	A49	03.09-	111768	12 1.7	
		03.09-	115924	14 180		03.09-	114507	12 1.8	
		03.09-	116113	14 180					
		03.09-	116377	14 200					
		03.09-	116580	14 250					
Sprinter 324 3.5	(906)[M272.979]	06.06-	114454	14 180		06.06-	114178	12 1.4	
		06.06-	115905	14 150					
		06.06-	116081	14 220					



Sprinter 408 2.1 CDI	(904)[OM611.987]	04.00-	112197	14	115				
		04.00-	112425	14	150				
		04.00- 05.06	113889	14	90				
Sprinter 408 2.3 Diesel	(904)[OM601.943]	02.95- 03.95	111354	14	70	02.95- 03.95	111851	12 2.0	
		02.95- 03.00	112529	14	90				
		04.95- 03.00	111890	14	90				
		02.96-	111883	14	115				
		02.96- 05.06	116129	14	90 A49				
Sprinter 410 2.9 Diesel	(904)[OM602.980]	02.96- 05.06	113768	14	95	01.97- 03.00	111851	12 2.0	
		02.96- 05.06	116129	14	90 A49				
		01.97- 03.00	111883	14	115				
		Eng. 001129-, 025811- Eng. -001128, -025810	01.97- 03.00	111890	14	90			
			02.96-	112529	14	90			
Sprinter 410 2.9 Diesel 4x4	(904)[OM602.980]	01.97- 03.00	111883	14	115	01.97- 03.00	111851	12 2.0	
		05.97- 05.06	113768	14	95				
		05.97- 05.06	116129	14	90 A49				
		Eng. 001129-, 025811- Eng. -001128, -025810	01.97- 03.00	111890	14	90			
			01.97- 03.00	112529	14	90			
Sprinter 411 2.1 CDI	(904)[OM611.981]	04.00-	112197	14	115	04.00-	111851	12 2.0	
		04.00-	112425	14	150	04.00-	114093	12 1.7	
		04.00- 05.06	113889	14	90	12.99-	115512	12 1.7 A49	
	(906)[OM646.985]	06.09-	114102	14	180				
		06.09-	116068	14	180				
		(909)	09.13-	114146	14	120			
		(909)	09.13-	114102	14	180 A49			
(909)	09.13-	116068	14	180					
Sprinter 411 2.1 CDI 4x4	(904)[OM611.981]	04.00-	112197	14	115	04.00-	111851	12 2.0	
		04.00-	112425	14	150	04.00-	115512	12 1.7 A49	
		04.00- 05.06	113889	14	90	12.99-	114093	12 1.7	
Sprinter 411 Tourer Bus 2.2 CDI 411	(B907)[OM651.958]	02.18-	115600	14	180	02.18-	114742	12 1.8	
		02.18-	115988	14	150	02.18-	114305	12 1.7	
		02.18-	116365	14	200				
Sprinter 412 2.9 Diesel	(904)[OM602.980]	02.95- 03.00	111883	14	115	02.95- 03.00	111851	12 2.0	
		02.96- 05.06	113768	14	95				
		02.96- 05.06	116129	14	90 A49				
		01.97- 03.00	112529	14	90				
		Eng. 001129-, 025811-	02.95- 03.00	111890	14	90			
Sprinter 412 2.9 Diesel 4x4	(904)[OM602.980]	02.95- 03.00	111883	14	115	02.95- 03.00	111851	12 2.0	
		05.97- 05.06	113768	14	95				
		05.97- 05.06	116129	14	90 A49				
		Eng. 001129-, 025811- Eng. -001128, -025810	02.95- 03.00	111890	14	90			
			02.95- 03.00	112529	14	90			
Sprinter 413 2.1 CDI	(904)[OM611.981]	04.00-	112197	14	115	04.00-	111851	12 2.0	
		04.00-	112425	14	150	04.00-	114305	12 1.7	
		04.00- 05.06	113889	14	90	12.99-	114742	12 1.8	
				14	90	12.99-	114850	12 2.5	
Sprinter 413 2.1 CDI 4x4	(904)[OM611.981]	04.00-	112197	14	115	04.00-	111851	12 2.0	
		04.00-	112425	14	150	04.00-	114305	12 1.7	
		04.00- 05.06	113889	14	90	A25 12.99-	114742	12 1.8	
Sprinter 413 2.2 CDI	(906)[OM651.955]	03.09-	114146	14	120				
		03.09-	114876	14	180				
		03.09-	115413	14	220				
		03.09-	115676	14	180				
		03.09-	116142	14	200				
		03.09-	116309	14	180				
		03.09-	116702	14	250				
		03.09-	116704	14	220				
		A25 03.09-	115437	14	180				
		A25 03.09-	115600	14	180				
		(906)	06.06-	114146	14	120			
		(906)	06.06-	115437	14	180			
		(906)	06.06-	115413	14	220			
		(906)	06.06-	115600	14	180			
		(906)	06.06-	115676	14	180			
		(906)	06.06-	116142	14	200			
		(906)	06.06- 05.16	116702	14	250			
(906)	06.06- 05.16	116704	14	220					
Sprinter 414 2.1 CDI	(907)	02.18-	115600	14	180	02.18-	111347	12 1.2	
		02.18-	116142	14	200	02.18-	114742	12 1.8	
		02.18-	116702	14	250	02.18-	114305	12 1.7	
		02.18-	116704	14	220				
Sprinter 414 2.2 CDI	(906)	05.16-	115600	14	180	05.16-	111347	12 1.2	
		05.16-	116142	14	200	05.16-	111347	12 1.2	
		05.16-	116702	14	250	A25 05.16-	114742	12 1.8	
		05.16-	116704	14	220	05.16-	114305	12 1.7	
		05.16-	116704	14	220				
Sprinter 414 2.3	(904)[M111.979]	02.95- 03.00	111902	14	115	02.95- 03.00	111347	12 1.2	
Sprinter 414 2.3 4x4	(904)[M111.979]	05.97-	111902	14	115	05.97-	111347	12 1.2	
	(904)[M111.984]	05.97- 05.06	111902	14	115	05.97- 05.06	111347	12 1.2	
Sprinter 415 2.1 CDI	(906)[OM646.986]	06.09-	114102	14	180	06.09-	114093	12 1.7	
		06.09-	115413	14	220				
		06.09-	116068	14	180				
		06.09- 12.09	116704	14	220				
	(906)[OM646.989]	06.06-	113951	14	200	06.06-	111851	12 2.0	
		06.06-	114102	14	180	06.06-	114093	12 1.7	
		06.06-	114392	14	90	06.06-	115512	12 1.7 A49	
		06.06-	116068	14	180				
		06.09-	115413	14	220				
	(906)[OM646.990]	06.09- 12.09	116704	14	220				
		06.06-	113951	14	200	06.06-	114093	12 1.7	
		06.06-	114102	14	180	06.06-	115512	12 1.7 A49	
		06.06-	114392	14	90				
		06.06-	115413	14	220				
	06.06-	116068	14	180					
	06.09- 12.09	116704	14	220					

MERCEDES-BENZ Continued

Sprinter 416 2.1 CDI	(906)[OM651.957]	03.09-	114146	14 120	A25	03.09-	114742	12 1.8	
		03.09-	114876	14 180 A49		03.09-	114305	12 1.7	
		03.09-	115413	14 220					
		03.09-	115437	14 180					
		03.09-	115676	14 180					
		03.09-	116142	14 200					
		03.09-	116309	14 180					
		03.09-	116702	14 250					
		03.09-	116704	14 220					
		(907)	02.18-	114146		02.18-	114305	12 1.7	
		(907)	A25 02.18-	115437					
		(907)	02.18-	115413					
		(907)	A25 02.18-	115600					
		(907)	02.18-	116309					
		(907)	02.18-	116142					
Sprinter 416 2.7 CDI	(904)[OM612.981]	04.00-	112197	14 115	A25	04.00-	112440	12 2.2	
		04.00-	112425	14 150		04.00-	111851	12 2.0	
		04.00- 05.06	113889	14 90		04.00- 05.06	114850	12 2.5	
						04.00- 05.06	114093	12 1.7	
Sprinter 416 2.7 CDI 4x4	(904)[OM612.981]	04.00-	112197	14 115		04.00-	112440	12 2.2	
		04.00-	112425	14 150		04.00-	111851	12 2.0	
		04.00- 05.06	113889	14 90		04.00- 05.06	114742	12 1.8	
Sprinter 418 3.0 CDI	(906)[OM642.896]	06.06-	114042	14 180 A49		06.06-	115589	12 1.7	
		06.06-	115912	14 220		06.06-	114507	12 1.8	
		06.06-	116113	14 180					
	(906)[OM642.992]	06.06-	115912	14 220		06.09-	114507	12 1.8	
		06.09-	114042	14 180 A49					
		06.09-	116113	14 180					
	(906)[OM642.993]	06.06-	115912	14 220		06.06-	114507	12 1.8	
Sprinter 419 3.0 CDI	(906)[OM642.896]	03.09-	114042	14 180 A49		03.09-	111768	12 1.7	
		03.09-	116113	14 180		03.09-	114507	12 1.8	
		03.09-	116377	14 200					
		03.09-	116580	14 250					
		A25 03.09-	115924	14 180					
	(906)[OM642.898]	03.09-	116377	14 200		03.09-	114507	12 1.8	
		03.09-	116580	14 250					
		A25 03.09-	115924	14 180					
	(906)[OM642.992]	03.09-	116377	14 200		03.09-	114507	12 1.8	
		03.09-	116580	14 250					
		A25 03.09-	115924	14 180					
	(907)	02.18-	115912	14 220		02.18-	111768	12 1.7	
	(907)	A25 02.18-	115924	14 180		A25 02.18-	116083	12 1.8	
	(907)	02.18-	116113	14 180					
	(907)	02.18-	116377	14 200					
	(907)	02.18-	116580	14 250					
Sprinter 419 Tourer Bus 3.0 CDI 419	(B907)[OM642.899]	02.18-	114042	14 180 A49		02.18-	114507	12 1.8	
		02.18-	115912	14 220		02.18-	116083	12 1.8	
		02.18-	116113	14 180					
		02.18-	116377	14 200					
		02.18-	116580	14 250					
Sprinter 424 3.5	(906)[M272.979]	06.06-	114454	14 180		06.06-	114178	12 1.4	
		06.06-	115905	14 150					
		06.06-	116081	14 220					
Sprinter 509 2.1 CDI	(906)[OM646.984]	06.06-	114102	14 180		06.06-	114093	12 1.7	
		06.06-	114392	14 90		06.06-	115512	12 1.7 A49	
		06.06-	116068	14 180					
Sprinter 510 2.1 CDI	(906)[OM651.955]	03.09-	114146	14 120		03.09-	114742	12 1.8	
		03.09-	114876	14 180 A49		03.09-	114305	12 1.7	
		03.09-	115413	14 220					
		03.09-	115437	14 180					
		03.09- 05.16	115676	14 180					
		03.09-	116142	14 200					
		03.09-	116309	14 180					
		03.09- 05.16	116702	14 250					
		03.09- 05.16	116704	14 220					
Sprinter 511 2.1 CDI	(906)[OM646.985]	06.06-	114102	14 180		06.06-	114093	12 1.7	
		06.06-	114392	14 90		06.06-	115512	12 1.7 A49	
		06.06-	116068	14 180		A25 06.06-	114742	12 1.8	
		(907)	02.18-	115600		02.18-	114742	12 1.8	
		(907)	02.18-	116142					
Sprinter 511 2.1 CDI 4x4	(906)[OM646.985]	06.06-	114102	14 180		06.06-	114093	12 1.7	
		06.06-	116068	14 180		06.06-	114305	12 1.7	
Sprinter 511 2.2 CDI	(906)[OM651.955]	05.16-	115600	14 180		05.16-	115512	12 1.7 A49	
		05.16-	116142	14 200		05.16-	114305	12 1.7	
		05.16-	116702	14 250					
		05.16-	116704	14 220					
Sprinter 513 2.1 CDI	(906)[OM646.986]	06.06-	114146	14 120		06.06-	114850	12 2.5	
		06.06-	114876	14 180 A49		06.06-	114742	12 1.8	
		06.06-	115413	14 220		06.06-	114305	12 1.7	
		06.06-	115437	14 180					
		06.06-	115676	14 180					
		06.06-	116142	14 200					
		06.06-	116309	14 180					
		06.06-	116702	14 250					
		06.06-	116704	14 220					
	(906)[OM651.955]	06.06-	114146	14 120		06.06-	114742	12 1.8	
		06.06-	115437	14 180		06.06-	114305	12 1.7	
		06.06-	115600	14 180					
		06.06-	115676	14 180					
		06.06-	116142	14 200					
		06.06- 05.16	116702	14 250					
		06.06- 05.16	116704	14 220					



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	(906)[OM651.956]	06.06-	114146	14 120		06.06-	114742	12 1.8
		06.06-	114876	14 180	A49	06.06-	114305	12 1.7
		06.06-	115437	14 180				
		06.06-	115600	14 180				
		06.06-	115676	14 180				
		06.06-	116142	14 200				
		06.06-	116309	14 180				
		06.06- 05.16	116702	14 250				
		06.06- 05.16	116704	14 220				
Sprinter 513 2.1 CDI 4x4	(906)[OM651.956]	06.06-	114876	14 180	A49	06.06-	114742	12 1.8
		06.06-	115676	14 180				
		06.06-	116142	14 200				
		06.06-	116309	14 180				
		06.06-	116702	14 250				
		06.06-	116704	14 220				
Sprinter 513 2.2 CDI		06.06-	114146	14 120		06.06-	114742	12 1.8
		06.06-	115437	14 180		06.06-	114305	12 1.7
		06.06-	115413	14 220				
		06.06-	115600	14 180				
		06.06-	115676	14 180				
		06.06-	116142	14 200				
		06.06-	116702	14 250				
		06.06-	116704	14 220				
Sprinter 514 2.1 CDI	(907)	02.18-	115600	14 180	A25	02.18-	114742	12 1.8
	(907)	02.18-	116142	14 200		02.18-	114305	12 1.7
Sprinter 514 2.2 CDI	(906)[OM651.955]	05.16-	115600	14 180		05.16-	114742	12 1.8
		05.16-	116142	14 200		05.16-	114305	12 1.7
		05.16-	116702	14 250				
		05.16-	116704	14 220				
Sprinter 514 2.2 CDI 4x4	(906)[OM651.955]	05.16-	115600	14 180		05.16-	114742	12 1.8
		05.16-	116142	14 200		05.16-	114305	12 1.7
		05.16-	116702	14 250				
		05.16-	116704	14 220				
Sprinter 515 2.1 CDI	(906)[OM646.986]	06.06-	114102	14 180		06.06-	115512	12 1.7 A49
		06.06-	114392	14 90				
		06.06-	116068	14 180				
		06.06- 12.09	116704	14 220				
	(906)[OM646.989]	06.06-	114102	14 180		06.06-	114093	12 1.7
		06.06-	114392	14 90		06.06-	115512	12 1.7 A49
		06.06-	116068	14 180				
		06.06- 12.09	116704	14 220				
	(906)[OM646.990]	06.06-	113951	14 200		06.06-	114093	12 1.7
		06.06-	114102	14 180		06.06-	115512	12 1.7 A49
		06.06-	114392	14 90				
		06.06-	115413	14 220				
		06.06-	116068	14 180				
		06.06- 12.09	116704	14 220				
Sprinter 515 2.1 CDI 4x4	(906)[OM646.989]	06.06-	113951	14 200		06.06-	114093	12 1.7
		06.06-	114102	14 180		06.06-	115512	12 1.7 A49
		06.06-	116068	14 180				
		06.06- 12.09	116704	14 220				
	(906)[OM646.990]	06.06-	113951	14 200		06.06-	114093	12 1.7
		06.06-	114102	14 180				
		06.06-	116068	14 180				
		06.06- 12.09	116704	14 220				
Sprinter 516 1.8 Diesel NGT	(906)[M271.951]	09.08-	116463	14 150				
		09.08-	116490	14 150				
Sprinter 516 1.8	(906)[M271.951]	09.08-	116463	14 150				
		09.08-	116490	14 150				
Sprinter 516 1.8 516	(B906)[M271.951]	03.09-	116463	14 150				
		03.09-	116490	14 150				
Sprinter 516 2.1 CDI	(906)[OM651.957]	03.09-	114146	14 120		03.09-	113513	12 1.1
		03.09-	114876	14 180	A49	03.09-	114093	12 1.7
		03.09-	115413	14 220		A25 03.09-	114850	12 2.5
		03.09-	115437	14 180		03.09-	114742	12 1.8
		03.09-	115676	14 180		03.09-	114305	12 1.7
		03.09-	116142	14 200				
		03.09-	116309	14 180				
		03.09-	116702	14 250				
		03.09-	116704	14 220				
	(907)	02.18-	114146	14 120		02.18-	114850	12 2.5
	(907)	A25 02.18-	115437	14 180		02.18-	114305	12 1.7
	(907)	02.18-	115413	14 220				
	(907)	A25 02.18-	115600	14 180				
	(907)	02.18-	116309	14 180				
	(907)	02.18-	116142	14 200				
Sprinter 516 2.1 CDI 4x4	(906)[OM651.955]	06.06-	114146	14 120		06.06-	115512	12 1.7 A49
		06.06-	114876	14 180	A49	06.06-	114742	12 1.8
		06.06-	115413	14 220		06.06-	114305	12 1.7
		06.06-	115437	14 180				
		06.06-	115676	14 180				
		06.06-	116142	14 200				
		06.06-	116309	14 180				
		06.06-	116702	14 250				
		06.06-	116704	14 220				
	(906)[OM651.957]	06.06-	114146	14 120		06.06-	114093	12 1.7
		06.06-	114876	14 180	A49	06.06-	114742	12 1.8
		06.06-	115413	14 220		06.06-	114305	12 1.7
		06.06-	115437	14 180				
		06.06-	115676	14 180				
		06.06-	116142	14 200				
		06.06-	116309	14 180				
		06.06-	116702	14 250				
		06.06-	116704	14 220				



MERCEDES-BENZ Continued

Sprinter 516 2.2 CDI		03.09-	114146	14	120	03.09-	115512	12	1.7	A49	
		03.09-	115437	14	180	03.09-	114305	12	1.7		
		03.09-	115413	14	220						
		03.09-	115600	14	180						
		03.09-	115676	14	180						
		03.09-	116142	14	200						
		03.09-	116702	14	250						
		03.09-	116704	14	220						
Sprinter 518 3.0 CDI	(906)[OM642.896]	06.06-	114042	14	180 A49	06.06-	114507	12	1.8		
		06.06-	115912	14	220						
		06.06-	116113	14	180						
	(906)[OM642.992]	06.06-	115912	14	220						
	(906)[OM642.993]	06.06-	114042	14	180 A49	06.06-	114507	12	1.8		
		06.06-	115912	14	220						
Sprinter 518 3.0 CDI 4x4	(906)[OM642.896]	06.06-	114042	14	180 A49	06.06-	114507	12	1.8		
		06.06-	115912	14	220						
		06.06-	116113	14	180						
	(906)[OM642.992]	06.06-	114042	14	180 A49	06.06-	114507	12	1.8		
		06.06-	115912	14	220						
		06.06-	116113	14	180						
Sprinter 519 3.0 CDI	(906)[OM642.896]	03.09-	114042	14	180 A49	03.09-	111768	12	1.7		
		03.09-	116113	14	180						
		03.09-	116377	14	200	03.09-	114507	12	1.8		
		03.09-	116580	14	250						
	A25	03.09-	115924	14	180						
	(906)[OM642.898]	03.09-	114042	14	180 A49	03.09-	111768	12	1.7		
		03.09-	116113	14	180	03.09-	114507	12	1.8		
		03.09-	116377	14	200						
		03.09-	116580	14	250						
	A25	03.09-	115924	14	180						
	(906)[OM642.992]	03.09-	116377	14	200	03.09-	114507	12	1.8		
		03.09-	116580	14	250						
	A25	03.09-	115924	14	180						
	(907)	02.18-	115912	14	220	02.18-	111768	12	1.7		
	(907)	A25	02.18-	115924	14	180	A25	02.18-	116083	12	1.8
	(907)	02.18-	116113	14	180						
	(907)	02.18-	116377	14	200						
	(907)	02.18-	116580	14	250						
Sprinter 519 3.0 CDI 4x4	(906)[OM642.896]	03.09-	114042	14	180 A49	03.09-	111768	12	1.7		
		03.09-	116113	14	180	03.09-	114507	12	1.8		
		03.09-	116377	14	200						
		03.09-	116580	14	250						
	A25	03.09-	115924	14	180						
	(906)[OM642.898]	03.09-	114042	14	180 A49	03.09-	111768	12	1.7		
		03.09-	116113	14	180	03.09-	114507	12	1.8		
		03.09-	116377	14	200						
		03.09-	116580	14	250						
	A25	03.09-	115924	14	180						
	(906)[OM642.992]	03.09-	114042	14	180 A49	03.09-	111768	12	1.7		
		03.09-	116113	14	180	03.09-	114507	12	1.8		
		03.09-	116377	14	200						
		03.09-	116580	14	250						
Sprinter 519 3.0 CDI BlueTec		A25	03.09-	115924	14	180					
		03.09-	114042	14	180 A49	03.09-	111768	12	1.7		
		03.09-	115912	14	220						
		03.09-	115924	14	180	03.09-	114507	12	1.8		
		03.09-	116113	14	180						
		03.09-	116377	14	200						
Sprinter 524 3.5		03.09-	116580	14	250						
	(906)[M272.979]	06.06-	114454	14	180	06.06-	114178	12	1.4		
		06.06-	115905	14	150						
		06.06-	116081	14	220						
Sprinter 616 2.7 CDI	[OM612.981]	04.01-	112425	14	150	04.01-	112440	12	2.2		
Sprinter Tourer Bus 2.1 CDI 314 4x4		04.01- 05.06	113889	14	90	04.01- 05.06	111851	12	2.0		
	(907)[OM651.958]	01.19-	115600	14	180	01.19-	114742	12	1.8		
		01.19-	115988	14	150 A49	01.19-	114305	12	1.7		
		01.19-	116365	14	200						
Sprinter Tourer Bus 2.1 CDI 316 4x4	(907)[OM651.958]	01.19-	115600	14	180	01.19-	114507	12	1.8		
		01.19-	115988	14	150 A49	01.19-	116083	12	1.8		
		01.19-	116365	14	200						
Sprinter Tourer Bus 3.0 CDI 319 4x4	(907)[OM642.899]	01.19-	114042	14	180 A49	01.19-	114742	12	1.8		
		01.19-	115912	14	220	01.19-	114305	12	1.7		
		01.19-	116113	14	180						
		01.19-	116377	14	200						
		01.19-	116580	14	250						
T1 2.3	(602)[M102.942]	01.82- 12.94	110358	14	55	01.82- 12.94	110862	12	1.5		
		01.82- 12.94	110923	14	55						
		01.82- 12.94	111093	14	70	01.82- 12.94	111347	12	1.2		
		01.82- 12.94	111149	14	80						
		01.82- 12.94	112529	14	90						
		01.82- 12.94	112734	14	80						
		01.82- 12.94	116129	14	90						
	(602)[M102.945]	01.89- 12.95	111093	14	70	01.89- 12.95	111347	12	1.2		
	01.89- 12.95	111149	14	80							
	01.89- 12.95	112734	14	80							
T1 210 2.3	(601)[M115.955]	05.77- 12.82	110358	14	55						
T1 310 2.3	(602)[M102.942]	06.89- 02.96	110923	14	55	06.89- 02.96	110862	12	1.5		
		06.89- 02.96	111093	14	70	06.89- 02.96	111347	12	1.2		
		06.89- 02.96	112734	14	80						
V 200 2.0	(638)[M111.948]	04.96-	111902	14	115	04.96-	111347	12	1.2		
		03.99-	112425	14	150	03.99-	114742	12	1.8		
	(638)[M111.950]	02.97- 07.03	111902	14	115	02.97- 07.03	111347	12	1.2		
		02.97- 07.03	112425	14	150						



V 200 2.1 CDI	(W447)[OM651.950]	03.14- 03.14- 03.14- 03.14-	115600 115988 116142 116702	14 180 14 150 14 200 14 250			
V 200 2.2 CDI	(638)[OM611.980]	03.99- 03.99- 03.99- 07.03	112197 112425 113889	14 115 14 150 14 90	03.99- 03.99-	111851 114305	12 2.0 12 1.7
V 220 2.1 CDI	(W447)[OM651.950]	03.14- 03.14- 03.14- 03.14-	115600 115988 116142 116702	14 180 14 150 14 200 14 250	03.14-	114742	12 1.8
V 220 2.2 CDI	(638)[OM611.980]	03.99- 03.99- 03.99- 07.03	112197 112425 113889	14 115 14 150 14 90	03.99- 03.99-	111851 114742	12 2.0 12 1.8
V 220 2.2 CDI 4-Matic	(W447)[OM651.950]	03.15- 04.15- 04.15- 04.15-	116702 115600 115988 116142	14 250 14 180 14 150 14 200	04.15-	114305	12 1.7
V 230 2.3 TD	[OM601.970]	04.96- 02.97 09.96- 07.03	113442 112196	14 90 14 143	09.96- 07.03	111851	12 2.0
V 230 2.3	[M111.978]	10.96-	111902	14 115	10.96-	111347	12 1.2
V 250 2.1 BlueTec	(W447)[OM651.950]	03.14- 03.14- 03.14- 03.14-	115600 115988 116142 116702	14 180 14 150 14 200 14 250	03.14- 03.14-	114742 114305	12 1.8 12 1.7
V 250 2.2 Diesel Bluetec 4-Matic	(W447)[OM651.950]	12.14- 12.14- 12.14- A25 12.14-	115988 116142 116702 115600	14 150 14 200 14 250 14 180	12.14-	114742	12 1.8
V 280 2.8	(638)[M104.900]	08.97- 07.03	113885	14 150	08.97- 07.03	112286	12 1.7
Vaneo 1.6	[M166.961]	02.02-	111967	14 90	02.02- 10.01-	112220 111931	12 1.7 12 1.0
Vaneo 1.7 CDI	[OM668.914]	11.01- 11.01-	111943 113251	14 90 14 150	11.01- Chas. N230983- 11.01-	112220 111931	12 1.7 12 1.0
Vario 613 4.3 Diesel	[OM900.917]	01.06- 01.06- 01.06-	113351 115497 116762	28 100 28 80 28 100	01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 615 4.3 Diesel	[OM900.918]	01.06- 01.06- 01.06-	113351 115497 116762	28 100 28 80 28 100	01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 618 4.2 Diesel	[OM900.919]	09.06- 09.06- 09.06-	113351 115497 116762	28 100 28 80 28 100	09.06- 09.06-	111982 114523	24 4.0 24 4.0
Vario 813 4.3	[OM900.917]	01.06- 01.06- 01.06-	113351 115497 116762	28 100 28 80 28 100	01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 816 4.3 Diesel	[OM900.918]	01.06- 01.06- 01.06-	113351 115497 116762	28 100 28 80 28 100	01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 818 4.2 Diesel	[OM900.919]	09.06- 09.06- 09.06-	113351 115497 116762	28 100 28 80 28 100	09.06- 09.06-	111982 114523	24 4.0 24 4.0
Viano 2.1 CDI	(W639)[OM651.940]	07.10- 07.10- 07.10- 07.10- 07.10- 07.10-	114146 114876 115437 115600 115676 116309	14 120 14 180 A49 14 180 14 180 14 180 14 180	07.10- 07.10-	114742 114305	12 1.8 12 1.7
Viano 2.1 CDI 4 Matic	(639)[OM642.982]	07.05- 07.05- 07.05- AT 07.05-	113951 114102 116068 115383	14 200 14 180 14 180 14 200	07.05- 07.05-	114742 114305	12 1.8 12 1.7
	(639)[OM646.982]	07.05- AT 07.05-	113951 115383	14 200 14 200	A25 07.05-	114850	12 2.5
Viano 2.1 CDI 4-matic	(W639)[OM651.940]	07.10- 07.10- 07.10- 07.10- 07.10-	114876 115437 115600 115676 116309	14 180 A49 14 180 14 180 14 180 14 180	07.10- 07.10-	114178 114305	12 1.4 12 1.7
Viano 2.2 CDI	(639)[OM646.982]	09.03- 09.03- 09.03- AT 09.03-	113951 114102 116068 115383	14 200 14 180 14 180 14 200	A25 09.03- 09.03-	114850 114742	12 2.5 12 1.8
Viano 3.0 CDI	(W639)[OM642.990]	07.10- 07.10- 07.10-	114042 115600 116113	14 180 A49 14 180 14 180	07.10-	114742	12 1.8
Viano 3.2	(639)[M112.951]	09.03- 09.03-	113302 113835	14 120 14 120	09.03- A25 09.03- 09.03-	111851 114850 113282	12 2.0 12 2.5 12 1.4
Viano 3.5 126	(W639)[M272.978]	09.07- 09.07-	115905 116081	14 150 14 220			
Viano 3.7	(639)[M112.976]	06.04-	113302	14 120	06.04-	113282	12 1.4
Vito 2.1 CDI	(W639)[OM646.980]	08.06- 08.06- 08.06- AT 08.06-	113951 114102 116068 115383	14 200 14 180 14 180 14 200	08.06- 08.06-	111851 114742	12 2.0 12 1.8
Vito 2.1 CDI 110	(W639)[OM651.940]	09.10- 09.10- 09.10- 09.10- 09.10-	114146 114876 115437 115676 116309	14 120 14 180 A49 14 180 14 180 14 180	A25 09.10- 09.10-	114850 114742	12 2.5 12 1.8
Vito 2.1 CDI 113	(W639)[OM651.940]	09.10- 09.10- 09.10- 09.10-	114876 115437 115676 116309	14 180 A49 14 180 14 180 14 180	09.10-	114305	12 1.7
Vito 2.1 CDI 113 4x4	(W639)[OM651.940]	09.10- 09.10- 09.10- 09.10- 09.10-	114146 114876 115437 115676 116309	14 120 14 180 A49 14 180 14 180 14 180	A25 09.10- 09.10-	114850 114305	12 2.5 12 1.7



MERCEDES-BENZ Continued

Vito 2.1 CDI 116	(W639)[OM651.940]	09.10-	114876	14 180	A49	09.10-	114305	12 1.7
		09.10-	115437	14 180				
		09.10-	115676	14 180				
		09.10-	116309	14 180				
Vito 2.1 CDI 116 4x4	(W639)[OM651.940]	09.10-	114146	14 120	A25	09.10-	114850	12 2.5
		09.10-	114876	14 180	A49	09.10-	114305	12 1.7
		09.10-	115437	14 180				
		09.10-	115676	14 180				
		09.10-	116309	14 180				
Vito 2.2 CDI	(W639)[OM646.980]	09.07-	114102	14 180		09.07-	111851	12 2.0
		09.07-	116068	14 180		A25 09.07-	114850	12 2.5
		09.07-	113951	14 200		09.07-	114742	12 1.8
		AT 09.07-	115383	14 200		09.07-	114178	12 1.4
Vito 2.2 CDI 4x4	(W639)[OM646.981]	09.07-	113951	14 200		09.07-	111851	12 2.0
		09.07-	114102	14 180		A25 09.07-	114850	12 2.5
		09.07-	116068	14 180		09.07-	114305	12 1.7
		AT 09.07-	115383	14 200				
	(W639)[OM646.982]	09.07-	113951	14 200		09.07-	111851	12 2.0
		09.07-	114102	14 180		09.07-	114742	12 1.8
		09.07-	116068	14 180				
		AT 09.07-	115383	14 200				
	(W447)[OM651.950]	07.15-	115600	14 180				
		07.15-	115988	14 150				
Vito 3.0 CDI 122	(W639)[OM642.890]	09.10-	114042	14 180	A49	09.10-	111768	12 1.7
		09.10-	116113	14 180				
		09.07-	115600	14 180				
		09.07-	115905	14 150				
Vito 3.5	(W639)[M272.978]	09.07-	116081	14 220				
		09.07-	116081	14 220				
		09.07-	116081	14 220				
		09.07-	116081	14 220				
Vito / Mixto 2.1 CDI 110	(W639)[OM651.940]	09.10-	114146	14 120	A25	09.10-	114850	12 2.5
		09.10-	114876	14 180	A49	09.10-	114742	12 1.8
		09.10-	115437	14 180		09.10-	114305	12 1.7
		09.10-	115600	14 180				
		09.10-	115676	14 180				
Vito / Mixto 2.1 CDI 113	(W639)[OM651.940]	09.10-	114876	14 180	A49	09.10-	114742	12 1.8
		09.10-	115437	14 180		09.10-	114305	12 1.7
		09.10-	115676	14 180				
		09.10-	116309	14 180				
Vito / Mixto 2.1 CDI 116	(W639)[OM651.940]	09.10-	114876	14 180	A49	A25 09.10-	114850	12 2.5
		09.10-	115437	14 180		09.10-	114742	12 1.8
		09.10-	115676	14 180		09.10-	114178	12 1.4
		09.10-	116309	14 180				
Vito / Mixto 3.0 CDI 122	(W639)[OM642.890]	09.10-	114042	14 180	A49	A25 09.10-	114850	12 2.5
		09.10-	116113	14 180				
		09.10-	116113	14 180				
		09.10-	116113	14 180				
Vito 108 2.2 CDI	(638)[OM611A]	03.99-	112197	14 115		03.99-	111851	12 2.0
		03.99-	112425	14 150				
		03.99- 07.03	113889	14 90				
		03.99- 07.03	113889	14 90				
Vito 108 2.3 Diesel	(638)[OM601.942]	02.96- 07.03	112196	14 143		02.96- 07.03	111065	12 2.2
		02.96-	113442	14 90		03.97- 07.03	111851	12 2.0
		02.96-	113442	14 90				
		02.96-	113442	14 90				
Vito 109 2.1 CDI	(639)[OM646.980]	09.06-	113951	14 200		09.06-	111851	12 2.0
		09.06-	114102	14 180		09.06-	111768	12 1.7
		09.06-	116068	14 180				
		AT 09.06-	115383	14 200				
	(639)[OM646.983]	09.03-	113951	14 200		09.03-	111851	12 2.0
		AT 09.03-	115383	14 200				
Vito 110 2.2 CDI	(638)[OM611LA]	03.99-	112197	14 115		03.99-	111851	12 2.0
		03.99-	112425	14 150				
		03.99-	113889	14 90				
		03.99-	113889	14 90				
Vito 110 2.3 Diesel	(638)[OM601.970]	02.96- 07.03	112196	14 143		02.96- 07.03	111851	12 2.0
		02.96-	113442	14 90				
		02.96-	113442	14 90				
		02.96-	113442	14 90				
Vito 110 2.3 TD	(638)[OM601.970]	02.96-	113442	14 90		03.97- 07.03	111065	12 2.2
		03.97- 07.03	112196	14 143	A49			
		03.97- 07.03	114004	14 150				
		03.97- 07.03	114004	14 150				
Vito 111 2.2 CDI	(639)[OM646.982]	09.03-	113951	14 200		09.03-	111851	12 2.0
		AT 09.03-	115383	14 200				
		09.03-	115383	14 200				
		09.03-	115383	14 200				
Vito 112 2.2 CDI	(638)[OM611.980]	03.99-	112197	14 115		03.99-	111851	12 2.0
		03.99- 07.03	112425	14 150				
		03.99- 07.03	113889	14 90				
		03.99- 07.03	113889	14 90				
Vito 113 2.0	(638)[M111.948]	Eng. -009961	11.95- 01.97	111902	14 115	11.95- 01.97	111347	12 1.2
	(638)[M111.950]	Eng. -009961	11.95- 01.97	111902	14 115	11.95- 01.97	111347	12 1.2
Vito 113 2.1 CDI 4x4	(W639)[OM651.940]	09.10-	114146	14 120		09.10-	114742	12 1.8
		09.10-	114876	14 180	A49	09.10-	114305	12 1.7
		09.10-	115437	14 180				
		09.10-	115600	14 180				
		09.10-	115676	14 180				
		09.10-	116309	14 180				
Vito 114 2.2 CDI	(W447)[OM651.950]	10.14-	115600	14 180		10.14-	114742	12 1.8
		10.14-	115988	14 150				
		10.14-	116142	14 200				
		10.14-	116702	14 250				
Vito 114 2.2 CDI 4x4	(W447)[OM651.950]	07.15-	115600	14 180		07.15-	114742	12 1.8
		07.15-	115988	14 150				
		07.15-	116142	14 200				
		07.15-	116702	14 250				
Vito 114 2.2 CDI BlueTec	(W447)[OM651.950]	10.14-	115600	14 180		10.14-	114742	12 1.8
		10.14-	115988	14 150				
		10.14-	116702	14 250				
		10.14-	116702	14 250				
Vito 114 2.2 Diesel BlueTEC 4x4	(W447)[OM651.950]	07.15-	115600	14 180		07.15-	114742	12 1.8
		07.15-	115988	14 150				
		07.15-	116142	14 200				
		07.15-	116702	14 250				
Vito 114 2.3	(638)[M111.978]	12.96- 07.03	113489	14 150		12.96- 07.03	114742	12 1.8
		Eng. -009961	11.95- 01.97	111902	14 115	11.95- 01.97	111347	12 1.2



Vito 115 2.2 CDI	(639)[OM646.982]	09.03- 09.03- 09.03- AT 09.03-	113951 114102 116068 115383	14 200 14 180 14 180 14 200	09.03-	111851	12 2.0
Vito 116 2.1 CDI 4x4	(W639)[OM651.940]	09.10- 09.10- 09.10- 09.10- 09.10- 09.10-	114146 114876 115437 115600 115676 116309	14 120 14 180 A49 14 180 14 180 14 180 14 180	09.10-	114742	12 1.8
Vito 116 2.2 CDI	(W447)[OM651.950]	10.14- 10.14- 10.14- 10.14-	115600 115988 116142 116702	14 180 14 150 14 200 14 250	10.14-	114305	12 1.7
Vito 116 2.2 CDI BlueTec	(W447)[OM651.950]	10.14- 10.14- 10.14-	115600 115988 116702	14 180 14 150 14 250			
Vito 116 2.2 Diesel BlueTEC 4x4	(W447)[OM651.950]	07.15- 07.15- 07.15-	115600 115988 116702	14 180 14 150 14 250			
Vito 119 2.2 CDI 4x4	(W447)[OM651.950]	12.14- 12.14- 12.14- A25 12.14-	115988 116142 116702 115600	14 150 14 200 14 250 14 180	12.14-	114742	12 1.8
Vito 119 2.2 CDI BlueTec	(W447)[OM651.950]	10.14- 10.14- 10.14- 10.14-	115600 115988 116142 116702	14 180 14 150 14 200 14 250	10.14-	114742	12 1.8
Vito 119 2.2 Diesel BlueTEC 4x4	(W447)[OM651.950]	12.14- 12.14- 12.14- 07.15-	115988 116142 116702 115600	14 150 14 200 14 250 14 180			
Vito 119 3.2	(639)[M112.951]	09.03- 10.03-	113835 113302	14 120 14 120	09.03- 10.03-	114742 113282	12 1.8 12 1.4
Vito 122 3.2	(639)[M112.951]	09.03- 10.03-	113835 113302	14 120 14 120	10.03-	113282	12 1.4
Vito 123 3.7	(639)[M112.976]	06.04- 06.04-	113302 113835	14 120 14 120			
Vito Mixto 114 2.2 CDI	(W447)[OM651.950]	10.14- 10.14- 10.14- 10.14-	115600 115988 116142 116702	14 180 14 150 14 200 14 250	10.14-	114742	12 1.8
Vito Mixto 116 2.2 CDI	(W447)[OM651.950]	10.14- 10.14- 10.14- 10.14-	115600 115988 116142 116702	14 180 14 150 14 200 14 250	10.14-	114742	12 1.8
PASSENGER CARS US							
230 2.3		01.74- 01.78	110358	14 55			
280 2.8		01.73- 01.76	110358	14 55			
600 6.3		08.73- 05.81	110358	14 55			
180 D 1.8					01.60- 01.62	112249	12 2.7
180 D 2.0					01.63- 01.63	112249	12 2.7
190 D 2.2		01.84- 01.85	110923	14 55			
190 D 2.5		01.86- 01.89	111149	14 80			
190 DT 2.5 Turbo		01.87- 01.87	111149	14 80			
190 E 2.3		01.84- 01.85	110358	14 55	01.84- 01.85	110862	12 1.5
		01.86- 01.93	111149	14 80			
190 E 2.6		01.87- 01.93	111149	14 80			
190 E-16 2.3		01.86- 01.87	110358	14 55			
		01.86- 01.87	111149	14 80			
220 D 2.2					01.68- 01.73	110368	12 2.3
240 D 2.4		01.74- 01.80	110358	14 55	01.74- 01.80	110368	12 2.3
260 E 2.6		01.87- 01.89	110358	14 55			
		01.87- 01.89	111149	14 80			
280 C 2.8		01.73- 01.76	110358	14 55			
280 CE 2.8		01.78- 01.80	110358	14 55			
280 E 2.8		01.77- 01.80	110358	14 55			
280 S 2.8		01.75- 01.76	110358	14 55			
280 SE 2.8		01.77- 01.80	110358	14 55			
300 CD 3.0		01.78- 01.81	110358	14 55	01.78- 01.81	110368	12 2.3
300 CDT 3.0 Turbo		01.82- 01.82	110358	14 55	01.82- 01.82	110368	12 2.3
300 CE 3.0		01.88- 01.92	111149	14 80			
300 CE 3.2		01.93- 01.93	116129	14 90 A49			
		01.93- 01.93	111369	14 90			
		01.93- 01.93	112529	14 90			
300 D 2.5 Turbo		01.90- 01.93	111149	14 80			
300 D 3.0		01.75- 01.80	110358	14 55	01.75- 01.80	110368	12 2.3
300 D 3.0 Turbo		01.87-	111149	14 80			
300 DT 3.0 Turbo		01.82- 01.82	110358	14 55	01.82- 01.82	110368	12 2.3
		01.87- 01.87	111149	14 80			
300 E 2.6		01.90- 01.92	112734	14 80			
300 E 2.8		01.93- 01.93	116129	14 90 A49			
		01.93- 01.93	111369	14 90			
		01.93- 01.93	112529	14 90			
300 E 3.0		01.86- 01.92	111149	14 80			
300 E 3.0 4 Matic		01.90- 01.93	112734	14 80			
300 E 3.2		01.93- 01.93	116129	14 90			
		01.93- 01.93	111369	14 90			
		01.93- 01.93	112529	14 90			
300 SD 3.0 Turbo		01.78- 01.80	110358	14 55	01.78- 01.80	110368	12 2.3
300 SD 3.4 Turbo		01.92- 01.93	116129	14 90 A49			
		01.92- 01.93	112529	14 90			
300 SDL 3.0 Turbo		01.86- 01.87	111149	14 80			
300 SE 3.0		01.88- 01.91	111149	14 80			
300 SE 3.2		01.92- 01.93	112194	14 120			
300 SEL 3.0		01.88- 01.91	111149	14 80			
300 TE 3.0		01.88- 01.92	111149	14 80			
300 TE 3.0 4 Matic		01.90- 01.93	112734	14 80			



MERCEDES-BENZ Continued

300 TE 3.2		01.93- 01.93	116129	14	90		
		01.93- 01.93	111369	14	90		
		01.93- 01.93	112529	14	90		
350 SD 3.4 Turbo		01.91- 01.91	112734	14	80		
350 SDL 3.4 Turbo		01.90- 01.91	112734	14	80		
380 SE 3.8		01.84- 01.85	111149	14	80		
380 SEC 3.8		01.82- 01.83	111149	14	80		
400 E 4.2		01.92- 01.93	112194	14	120		
400 SE 4.2		01.92- 01.92	112194	14	120		
400 SEL 4.2		01.93- 01.93	112194	14	120		
420 SEL 4.2		01.86- 01.91	111149	14	80		
450 SE 4.5		01.73- 01.76	110358	14	55		
450 SEL 4.5		01.73- 01.80	110358	14	55		
450 SL 4.5		01.74- 01.80	110358	14	55		
450 SLC 4.5		01.74- 01.80	110358	14	55		
500 E 5.0		01.92- 01.93	112194	14	120		
500 SEC 5.0		01.84- 01.85	111149	14	80		
		01.93- 01.93	112194	14	120		
500 SEL 5.0		01.84- 01.85	111149	14	80		
		01.92- 01.93	112194	14	120		
560 SEC 5.6		01.86- 01.89	111149	14	80		
560 SEL 5.6		01.86- 01.89	111149	14	80		
560 SL 5.6		01.86- 01.89	111149	14	80		
600 SEC 6.0		01.93- 01.93	112194	14	120		
600 SEL 6.0		01.92- 01.93	112194	14	120		
600 SL 6.0		01.93- 01.93	112194	14	120		
C 220 2.2		01.94- 01.96	116129	14	90 A49		
		01.94- 01.96	111369	14	90		
		01.94- 01.96	112529	14	90		
C 230 2.3	[111.974]	01.98- 01.98	111369	14	90	01.98- 01.98	111347 12 1.2
		01.98- 01.98	112529	14	90		
		01.98- 01.98	112530	14	120		
		01.98- 01.98	116129	14	90 A49		
C 230 2.3 Super	[111.975]	01.00- 01.00	111369	14	90	01.00- 01.00	111347 12 1.2
C 240 2.6	[112.912]					01.02- 01.02	113282 12 1.4
						01.01- 01.01	111768 12 1.7
C 280 2.8	[112.920]	01.99- 01.00	111902	14	115		
		01.94- 01.97	116129	14	90 A49		
		01.94- 01.97	111369	14	90	01.94- 01.97	111768 12 1.7
		01.94- 01.97	112529	14	90		
C 32 AMG 3.2 Super						01.02- 01.03	113282 12 1.4
C 320 3.2	[112.946]					01.02- 01.03	113282 12 1.4
C 320 3.2 4 Matic	[112.946]					01.03- 01.03	113282 12 1.4
C 36 AMG 3.6		01.95- 01.97	116129	14	90 A49		
		01.95- 01.97	111369	14	90		
		01.95- 01.97	112529	14	90		
		01.95- 01.97	112530	14	120		
C 43 AMG 4.3	[113.944]					01.99- 01.00	111768 12 1.7
CL 500 5.0	[113.960]					01.01-	111768 12 1.7
		01.98- 01.98	111850	14	143		
CL 55 AMG 5.5						01.01- 01.02	111768 12 1.7
CL 600 6.0		01.98- 01.99	111850	14	143		
CLK 320 3.2	[112.940]	01.00- 01.01	111902	14	115	01.00- 01.01	111768 12 1.7
						01.02- 01.02	113282 12 1.4
CLK 430 4.3	[113.943]					01.00- 01.02	111768 12 1.7
E 300 D 3.0		01.95- 01.97	116129	14	90 A49		
		01.95- 01.97	111354	14	70		
		01.95- 01.97	111369	14	90		
		01.95- 01.97	112529	14	90		
E 320 3.2	[112.941]	01.99- 01.01	111902	14	115	01.99- 01.01	111768 12 1.7
		01.94- 01.97	116129	14	90 A49		
		01.94- 01.97	111369	14	90		
		01.94- 01.97	112529	14	90	01.94- 01.97	113282 12 1.4
E 320 3.2 4 Matic	[112.941]	01.99- 01.01	111902	14	115	01.99- 01.01	113282 12 1.4
						01.98- 01.98	111768 12 1.7
E 420 4.2		01.94- 01.97	112194	14	120		
E 430 4.3	[113.940]					01.00- 01.02	111768 12 1.7
E 430 4.3 4 Matic	[113.940]					01.01- 01.01	111768 12 1.7
E 500 5.0		01.94- 01.94	112194	14	120		
E 55 AMG 5.5						01.99- 01.99	111768 12 1.7
G 500 5.0		01.02- 01.02	111902	14	115	01.02- 01.02	111768 12 1.7
G-CLASS 5.4 4x4	(W463)[M113.993]	08.06-	114737	14	180		
ML 320 3.2	[112.942]	01.01- 01.01	111902	14	115	01.01- 01.01	111768 12 1.7
						01.02- 01.02	113282 12 1.4
ML 430 4.3	[113.942]					01.01- 01.01	111768 12 1.7
ML 500 5.0						01.02- 01.02	111768 12 1.7
ML 55 AMG 5.5						01.00- 01.01	111768 12 1.7
S 320 3.2	[104.994]	01.99- 01.99	112530	14	120		
		01.94- 01.97	112194	14	120	01.94- 01.97	111768 12 1.7
S 420 4.2	[119.981]	01.99- 01.99	111850	14	143		
		01.94- 01.97	112194	14	120		
S 430 4.3						01.00- 01.03	111768 12 1.7
S 500 5.0	[119.980]	01.99- 01.99	111850	14	143		
						01.98- 01.98	111768 12 1.7
		01.94- 01.97	112194	14	120		
S 55 AMG 5.5						01.01- 01.02	111768 12 1.7
S 600 6.0		01.94- 01.99	112194	14	120		
SL 320 3.2		01.94- 01.97	112194	14	120		
SL 500 5.0						01.03- 01.03	111768 12 1.7
		01.98- 01.98	111850	14	143		
		01.94- 01.97	112194	14	120		
SL 600 6.0	[120.983]	01.02- 01.02	111850	14	143		
		01.94- 01.97	112194	14	120		
SLK 230 2.3 Super	[111.973]					01.99- 01.00	111347 12 1.2
SLK 320 3.2						01.01- 01.03	113282 12 1.4
Sprinter 515 2.1 CDI		06.06-	115676	14	180		
		06.06-	116704	14	220		
PASSENGER CARS AO							
300 T 3.0 TD	(124)	12.84- 06.93	110923	14	55		
	(124)	04.85- 06.93	111093	14	70		



C 200 1.8	(W204)[M271.820]				05.11-	115771	12	1.7
C 300 3.0	(S204)[M272.947]	08.07-	115905	14	150			
CLK 320 3.0 CDI	(209)[OM642.910]	03.05-	114042	14	180 A49	03.05-	114178	12 1.4
		03.05-	116113	14	180			
CLK 500 5.5	(209)[M273.965]	06.06-	115532	14	180	RHD 06.06-	114178	12 1.4
E 300 3.0 CDI	(S212)[OM642.850]	11.09-	116377	14	200	A25 11.09-	116083	12 1.8
		11.09-	115924	14	180			
E 300 L 3.0	(W212)[M272.952]	12.10- 12.14	115532	14	180			
E 350 3.5	(A207)[M272.988]	05.11-	115905	14	150			
	(C207)	01.10- 12.11	115532	14	180			
		05.11-	115905	14	150			
E-Class 3.5 T-Model	(S211)[M272.985]	05.06- 07.09	115532	14	180			
		05.06-	115905	14	150			
R-Class 3.0 4 Matic	(W251)[M272.945]		116487	14	180			
Viano 2.2 CDI	(W639)[OM646.982]	08.05-	114102	14	180			
		08.05-	116068	14	180			
MOTORS								
Engine 11.0	[421]					02.86-	110539	12 3.6
Engine 3.8	[314]					04.71- 12.88	110512	24 5.4
Engine 9.6	[401..]					05.94-	110539	12 3.6
Mercedes-Benz (BBDC)								
PASSENGER CARS AO								
300 GLK 3.0	[M272.948]	04.12-	116171	14	150	04.12-	115825	12 1.1
C 200L 2.0	[M274.920]	08.14-	116631	14	175			
E 180L 2.0		11.14-	116631	14	175			
Mercedes-Benz (BBDC)								
Mercedes-Benz (BBDC)								
MARINE								
Various Models 2.5		01.73- 01.76	111250	14	42 DR	01.73- 01.76	110216	12 1.4
Various Models 3.0		01.69- 01.79	111250	14	42 DR	01.69- 01.79	110216	12 1.4
		01.90- 01.95	110959	14	55 Mando type	01.90- 01.95	112239	12 1.4
Various Models 4.3						01.96- 01.01	112239	12 1.4
Various Models 5.0						01.73- 01.95	112232	12 2.4
						01.87- 01.95	111786	12 1.6
						01.96-	111699	12 1.6
		01.70- 01.77	111250	14	42 DR	01.70- 01.77	111277	12
Various Models 5.7						01.75- 01.87	112232	12 2.4
						01.87- 01.95	112233	12
						01.89- 01.98	111786	12 1.6
		01.69- 01.77	111250	14	42 DR	01.69- 01.77	112239	12 1.4
Various Models 5.8						01.73- 01.77	112232	12 2.4
		01.73- 01.77	111250	14	42 DR	01.73- 01.77	111277	12
Various Models			114812	14	70		112239	12 1.4
							112897	12 1.7
							114402	12 2.3
Mercury								
PASSENGER CARS US								
Bobcat 2.3		01.75- 01.79	110237	14	60	01.75- 01.79	110230	12
Bobcat 2.8		01.75- 01.79	110237	14	60	01.75- 01.79	110230	12
Capri 2.0		01.71- 01.74	110179	14	36	01.71- 01.74	110336	12 0.75
		01.71- 01.74	111086	14	65			
Capri 2.3		01.79- 01.79	110237	14	60	01.79- 01.79	110149	12 0.9
						01.80- 01.80	112963	12 1.4
Capri 2.3 Ghia		01.79- 01.79	110237	14	60	01.79- 01.79	110225	12
Capri 2.3 Turbo		01.79- 01.79	110237	14	60	01.79- 01.79	110336	12 0.75
Capri 2.3 Turbo Ghia		01.79- 01.79	110237	14	60	01.79- 01.79	110225	12
Capri 2.8		01.79- 01.79	110237	14	60	01.79- 01.79	110149	12 0.9
		01.76- 01.77	110759	14	35			
Capri 2.8 Ghia		01.79- 01.79	110237	14	60	01.79- 01.79	112963	12 1.4
Capri 3.3		01.79- 01.79	110237	14	60	01.79- 01.79	110225	12
Capri 3.3 Ghia		01.79- 01.79	110237	14	60	01.79- 01.79	112963	12 1.4
Capri 4.2		01.80- 01.82	110237	14	60			
Capri 4.2 Ghia		01.80- 01.80	110237	14	60			
Capri 5.0		01.79- 01.82	110237	14	60	01.79- 01.82	110225	12
Capri 5.0 Ghia		01.79- 01.79	110237	14	60	01.79- 01.79	112963	12 1.4
Colony Park 5.0		01.79- 01.82	110237	14	60	01.79- 01.82	110225	12
Colony Park 5.8		01.79- 01.79	110237	14	60	01.79- 01.79	110228	12
Colony Park 7.5		01.72- 01.76	110237	14	60	01.72- 01.76	110225	12
Comet 3.3		01.76- 01.77	110237	14	60	01.76- 01.77	110225	12
Comet 4.1						01.77- 01.77	110225	12
		01.77- 01.77	110237	14	60			
Comet 4.3						01.63- 01.64	110225	12
Comet 4.7						01.64- 01.67	110225	12
Comet 5.0						01.77- 01.77	110225	12
		01.77- 01.77	110237	14	60			
Comet 5.8						01.69- 01.69	110225	12
Cougar 2.0						01.99- 01.02	112340	12 1.4
						01.99- 01.02	112235	12 1.4
Cougar 2.3						01.81- 01.81	112963	12 1.4
		01.81- 01.81	110237	14	60	01.81- 01.81	110225	12
Cougar 2.3 Turbo						01.84- 01.86	112963	12 1.4
		01.84- 01.86	110237	14	60	01.84- 01.86	110225	12
Cougar 2.5		01.99- 01.01	112939	14	130	01.99- 01.01	110225	12
Cougar 2.5 S		01.01- 01.01	112939	14	130	01.01- 01.01	110225	12
Cougar 3.3		01.81- 01.82	110237	14	60	01.81- 01.82	110225	12
Cougar 3.3 XR-7		01.80- 01.82	110237	14	60	01.80- 01.82	110225	12
Cougar 4.2		01.81- 01.81	110237	14	60	01.81- 01.81	110225	12
Cougar 4.2 XR-7						01.80- 01.81	110225	12
		01.80- 01.81	110237	14	60			
Cougar 4.6 30TH Anniversary						01.97- 01.97	112646	12 1.4
Cougar 4.6 XR-7						01.97- 01.97	112646	12 1.4
Cougar 4.7						01.67- 01.67	110225	12
Cougar 4.7 XR-7						01.67- 01.67	110225	12
Cougar 5.0		01.77- 01.79	110237	14	60	01.77- 01.79	111183	12 1.4
						01.83- 01.86	110225	12
Cougar 5.0 BOSS 302						01.69- 01.69	110225	12
Cougar 5.0 Brougham		01.77- 01.77	110237	14	60	01.77- 01.77	110225	12
Cougar 5.0 XR-7						01.77- 01.81	110225	12
		01.77- 01.81	110237	14	60			


MERCURY Continued

Cougar 5.8				01.78- 01.79	110225	12
				01.75- 01.75	110228	12
				01.75- 01.75	111374	12 1.5
				01.77- 01.77	111183	12 1.4
Cougar 5.8 Brougham				01.77- 01.77	110228	12
				01.77- 01.77	110225	12
				01.77- 01.77	110225	12
				01.77- 01.77	110228	12
Cougar 5.8 Brougham Villager						
				01.77- 01.77	110237	14 60
Cougar 5.8 XR-7						
				01.77- 01.77	110225	12
				01.76- 01.76	110228	12
				01.76- 01.76	111183	12 1.4
Cougar 6.6				01.75- 01.78	110228	12
				01.75- 01.78	111183	12 1.4
Cougar 6.6 Brougham				01.77- 01.77	110228	12
				01.77- 01.77	110225	12
Cougar 6.6 Brougham Villager				01.77- 01.77	110228	12
				01.77- 01.77	110237	14 60
Cougar 6.6 XR-7						
				01.73- 01.78	110228	12
				01.73- 01.78	111374	12 1.5
Cougar 7.5				01.75- 01.75	110237	14 60
Cougar 7.5 XR-7				01.73- 01.76	110237	14 60
				01.73- 01.76	111374	12 1.5
Cyclone 4.7				01.64- 01.67	110225	12
Cyclone 5.0				01.68- 01.69	110225	12
Cyclone 5.0 CJ				01.69- 01.69	110225	12
Cyclone 5.0 GT				01.70- 01.70	110225	12
Cyclone 5.8				01.69- 01.70	110225	12
Cyclone 5.8 GT				01.70- 01.71	110225	12
Cyclone 5.8 Spoiler				01.71- 01.71	110225	12
Grand Marquis 4.2				01.81- 01.82	112646	12 1.4
Grand Marquis 4.6				01.99- 01.02	112942	14 130
				01.98- 12.01	112947	14 135
Grand Marquis 5.0				01.79- 01.82	110237	14 60
				01.79- 01.82	110228	12
				01.83- 01.91	112646	12 1.4
Grand Marquis 5.0 Colony Park				01.83- 01.83	112646	12 1.4
Grand Marquis 5.8				01.78- 01.78	110237	14 60
				01.78- 01.78	110225	12
				01.79- 01.79	112646	12 1.4
Grand Marquis 6.6				01.75- 01.78	110237	14 60
				01.75- 01.78	110225	12
Grand Marquis 7.5				01.75- 01.78	110237	14 60
LN7 1.6				01.82- 01.82	110237	14 60
Lynx 1.6				01.81- 01.85	110237	14 60
Marquis 2.3				01.84- 01.86	110237	14 60
Marquis 2.3 Brougham				01.83- 01.83	110237	14 60
				01.83- 01.83	111183	12 1.4
				01.84- 01.86	110225	12
Marquis 2.3				01.84- 01.84	110237	14 60
Marquis 2.3 Brougham				01.83- 01.83	110237	14 60
				01.83- 01.83	111183	12 1.4
				01.84- 01.84	110225	12
Marquis 3.3				01.83- 01.83	110237	14 60
Marquis 3.3 Brougham				01.83- 01.83	111183	12 1.4
				01.83- 01.83	110225	12
Marquis 4.2				01.81- 01.82	110237	14 60
Marquis 4.2 Brougham				01.81- 01.82	112963	12 1.4
Marquis 5.0				01.81- 01.82	110237	14 60
				01.85- 01.85	110237	14 60
				01.85- 01.85	110225	12
Marquis 5.0 Brougham				01.79- 01.82	112963	12 1.4
				01.79- 01.82	112963	12 1.4
Marquis 5.8				01.78- 01.79	110237	14 60
				01.78- 01.79	112963	12 1.4
Marquis 5.8 Brougham				01.78- 01.79	110237	14 60
				01.78- 01.79	112963	12 1.4
Marquis 6.6				01.77- 01.78	110237	14 60
				01.77- 01.78	110228	12
Marquis 6.6 Brougham				01.77- 01.78	110237	14 60
				01.77- 01.78	112963	12 1.4
Marquis 7.5				01.76- 01.78	110237	14 60
				01.76- 01.78	110228	12
Marquis 7.5 Brougham				01.72- 01.78	110237	14 60
Monarch 3.3				01.75- 01.77	110237	14 60
Monarch 4.1				01.75- 01.78	110237	14 60
				01.75- 01.77	110225	12
Monarch 4.1 Ghia				01.75- 01.77	110237	14 60
				01.75- 01.77	110225	12
Monarch 4.2				01.80- 01.80	110237	14 60
Monarch 5.0				01.75- 01.80	110237	14 60
				01.75- 01.80	110225	12
Monarch 5.0 Ghia				01.75- 01.77	110237	14 60
				01.75- 01.77	110225	12
Monarch 5.8				01.75- 01.77	110237	14 60
				01.75- 01.77	110225	12
Monarch 5.8 Ghia				01.75- 01.77	110237	14 60
				01.75- 01.77	110225	12
Montego 4.1				01.69- 01.74	110225	12
Montego 4.1 MX				01.69- 01.73	110225	12
Montego 4.1 MX Brougham				01.70- 01.72	110225	12
Montego 4.1 Villager				01.70- 01.72	110225	12
Montego 5.0				01.68- 01.68	110225	12
Montego 5.0 MX				01.68- 01.74	110225	12
Montego 5.0 MX Brougham				01.70- 01.74	110225	12
Montego 5.0 Villager				01.70- 01.74	110225	12
Montego 5.8				01.69- 01.74	110225	12
				01.75- 01.76	110228	12
Montego 5.8 MX						
				01.75- 01.76	110237	14 60
				01.69- 01.74	110225	12
				01.75- 01.76	110228	12
Montego 5.8 MX Brougham						
				01.70- 01.74	110225	12
				01.75- 01.76	110228	12
Montego 5.8 Villager						
				01.70- 01.74	110225	12
				01.75- 01.76	110228	12
				01.75- 01.76	110237	14 60
Montego 6.6				01.72- 01.76	110228	12
Montego 6.6 GT				01.72- 01.73	110228	12
Montego 6.6 MX				01.72- 01.76	110228	12
Montego 6.6 MX Brougham				01.72- 01.76	110228	12
Montego 6.6 Villager				01.72- 01.76	110228	12
Montego 7.0 GT				01.72- 01.73	110237	14 60
Montego 7.0 Villager				01.72- 01.73	110237	14 60
Montego 7.5				01.76- 01.76	110237	14 60
				01.76- 01.76	110225	12
Montego 7.5 MX				01.75- 01.76	110237	14 60
				01.75- 01.76	110225	12
Montego 7.5 MX Brougham				01.74- 01.76	110237	14 60
Montego 7.5 Villager				01.74- 01.76	110237	14 60
				01.74- 01.76	110225	12



Monterey 7.5		01.72- 01.74	110237	14	60		01.72- 01.74	110225	12	
							01.74- 01.74	110228	12	
Monterey 7.5 Custom		01.72- 01.74	110237	14	60		01.72- 01.74	110225	12	
							01.74- 01.74	110228	12	
Mountaineer 4.0		01.02- 01.02	112946	14	130					
Mountaineer 4.0		01.98- 01.02	112946	14	130					
Mountaineer 4.6		01.02- 01.02	112942	14	130					
Mountaineer 5.0		01.97- 01.98	112946	14	130					
Mystique 2.0							01.99- 01.00	112340	12	1.4
							01.99- 01.00	112235	12	1.4
Mystique 2.0 GS							01.95- 01.98	112340	12	1.4
							01.95- 01.98	112235	12	1.4
Mystique 2.0 LS							01.95- 01.98	112340	12	1.4
							01.95- 01.98	112235	12	1.4
Mystique 2.5		01.99- 01.00	112939	14	130		01.99- 01.00	111374	12	1.5
Mystique 2.5 GS		01.95- 12.98	112939	14	130		01.95- 12.98	111374	12	1.5
Mystique 2.5 LS		01.96- 01.98	112939	14	130		01.96- 01.98	111374	12	1.5
Mystique 2.5 Young America		01.95- 01.95	112939	14	130		01.95- 01.95	111374	12	1.5
Tracer 1.6							01.87- 01.87	110149	12	0.9
Zephyr 2.3		01.78- 01.79	110237	14	60		01.78- 01.79	110225	12	
Zephyr 2.3 GS		01.83- 01.83	110237	14	60					
Zephyr 2.3 Z7		01.78- 01.79	110237	14	60		01.78- 01.79	110225	12	
Zephyr 3.3		01.78- 01.79	110237	14	60					
Zephyr 3.3 GS		01.83- 01.83	110237	14	60					
Zephyr 3.3 Z7		01.78- 01.79	110237	14	60		01.78- 01.79	112963	12	1.4
Zephyr 4.2		01.80- 01.82	110237	14	60					
Zephyr 4.2 Z7		01.80- 01.81	110237	14	60					
Zephyr 5.0		01.78- 01.79	110237	14	60		01.78- 01.79	110225	12	
Zephyr 5.0 Z7		01.78- 01.79	110237	14	60					
MARINE										
250 2.6 CXL L XXL XL		01.05-	116150	14	70					
4E+37							01.78-	114261	12	1.0
135CXL 1.7			116150	14	70					
40EL36							01.78-	114261	12	1.0
55E							01.78-	114261	12	1.0
60EL							01.78-	114261	12	1.0
Optimax Series			116539	14	50					
Various Models			112477	28	25			112830	12	
			113685	14	70			112247	12	
			114172	14	65			112146	12	0.6
			116150	14	70			111786	12	1.6
							01.95- 01.00	113591	12	
							01.98- 01.01	113592	12	
								114402	12	2.3
								115992	12	1.4
								115740	12	
			111576	14	90			110648	12	0.7
			111710	14	65			110654	12	0.7
			110959	14	55			112829	12	
INDUSTRY										
1000 SER. 80 100 & 120D-C Terminal Ti [QSB4.5]			116317	28	70					
Merkur										
PASSENGER CARS US										
Scorpio 2.9							01.88- 01.89	110842	12	1.4
XR 4 TI 2.3 Turbo							01.85- 01.89	112963	12	1.4
MG										
PASSENGER CARS EU										
Express 1.4	[14K4F]	03.03- 05.05	111756	14	65		03.03- 05.05	113281	12	1.1
		03.03- 05.05	112414	14	85		03.03- 05.05	113361	12	1.7
Express 1.8	[18K4F]	03.03- 05.05	111756	14	65		03.03- 05.05	113346	12	0.8
		03.03- 05.05	112414	14	85					
Express 2.0 Diesel	[20T2N]	03.03- 05.05	114386	14	90					
Maestro 1.6 1600	[16H]	03.83- 09.84	111086	14	65					
Maestro 2.0		10.84- 09.90	110770	14	55					
Maestro 2.0 Turbo		10.88- 09.90	110770	14	55					
Magnette 1.6							01.64- 09.68	111103	12	0.8
Metro 1.3 1300		05.82- 09.90	111185	14	43	A47	05.82- 09.90	111102	12	0.8
		01.85- 09.90	111289	14	70					
Metro 1.3 Turbo		10.82- 09.90	111289	14	70		10.82- 09.90	111102	12	0.8
MG ZR 2.0 TD	[20T2N]	12.02- 12.05	114386	14	90					
MGB 1.8		01.69- 12.80	110178	14	36					
MGB 1.8 GT		01.69- 11.80	110178	14	36					
MGF 1.6	[16K4F]	02.00- 03.02	112414	14	85					
MGF 1.8 i 16V	[18K4F]	03.95-	112202	14	85		03.95-	113281	12	1.1
		10.95- 03.02	112414	14	85					
MGF 1.8 i VVC	[18K4K]	03.95-	112202	14	85		Chas. YD 522573- 03.95-	113281	12	1.1
MGF 1.8 i WC	[18K4K]	AT 03.01- 03.02	112414	14	85		03.01- 03.02	113281	12	1.1
Midget 1.1							01.64- 12.66	111103	12	0.8
Midget 1.5							09.74- 12.79	111103	12	0.8
		01.73- 12.79	110178	14	36					
Montego 2.0		04.84- 09.90	110968	14	70					
		AC 04.84- 09.90	111355	14	65					
		04.84- 09.90	111362	14	55					
Montego 2.0 Turbo	[20HT]	10.84- 09.90	110968	14	70					
		10.84- 09.90	111362	14	55					
		AC 10.84- 09.90	111355	14	65					
RV8 3.9		09.92-	110891	14	70	A47				
TF 1.6 115	[16K4F]	03.02-	112414	14	85		Chas. YD522573- 03.02-	113281	12	1.1
TF 1.8	[18K4K]	AT 03.02-	112414	14	85					
TF 1.8 120	[18K4F]	03.02-	112414	14	85		Chas. YD 522573- 03.02-	113281	12	1.1
TF 1.8 135	[18K4F]	03.02-	112414	14	85		Chas. YD 522573- 03.02-	113281	12	1.1
ZR 2.0 TD	[20T2N]	06.01- 05.05	114386	14	90		06.01- 05.05	113361	12	1.7
ZR 105 1.4	[14K4F]	06.01-	112414	14	85		06.01-	113346	12	0.8
ZR 120 1.8	[18K4F]	06.01-	112414	14	85		Chas. YD 471565 - 06.01-	113281	12	1.1
ZR 160 1.8	[18K4K]	06.01- 03.02	112414	14	85		Chas. YD522573- 06.01- 03.02	113281	12	1.1
ZS 2.0 TD	[20T2N]	01.04- 05.05	114386	14	90		01.04- 05.05	113361	12	1.7
ZS 120 1.8	[18K4F]	07.01-	112414	14	85		07.01-	113281	12	1.1
ZS 180 2.5	[25 K4F]	07.01-	115864	14	90		07.01-	113281	12	1.1
ZT 2.0 CDTi	[204D2]	10.01- 05.05	112472	14	100		10.01- 05.05	114502	12	1.2



MG Continued

	[M47R (204D2)]	11.02-	112462	14 120		11.02-	113965	12 2.0	
		11.02-	112472	14 100					
ZT 160 2.5	[25K4F]	06.01-	115864	14 90		06.01-	115950	12 2.0	
ZT 190 2.5	[25K4F]	06.01-	115864	14 90		06.01-	115950	12 2.0	
ZT- T 2.0 CDTi	[M47R (204D2)]	11.02-	112462	14 120		11.02-	113965	12 2.0	
		11.02-	112472	14 100		11.02-	115950	12 2.0	
ZT- T 2.5 190	[25K4F]					10.01-	115950	12 2.0	
ZT-T 1.8 16V	[18K4F]					01.03-	114502	12 1.2	
ZT-T 1.8 T 16V	[18K4G]					01.03-	114502	12 1.2	
ZT-T 2.0 CDTi	[204D2]	10.01- 05.05	112472	14 100		10.01- 05.05	113965	12 2.0	
PASSENGER CARS US									
1100 1.1						01.64-	111102	12 0.8	
1300 1.3						01.68-	111102	12 0.8	
MGA 1.5						01.56- 01.59	111102	12 0.8	
MGA 1.6						01.60- 01.62	111102	12 0.8	
MGB 1.8		01.72- 01.73	110178	14 36					
		01.74- 01.79	111185	14 43 A47					
MGB 1.8 GT		01.68- 01.71	110178	14 36					
		01.74- 01.74	111185	14 43 A47					
MGC 2.9		01.69- 01.69	110178	14 36					
Midget 1.1						01.63- 01.66	111102	12 0.8	
Midget 1.3		01.74- 01.74	110178	14 36		01.74- 01.74	111102	12 0.8	
Midget 1.5						01.75- 01.79	111102	12 0.8	
		01.75- 01.79	110178	14 36					
TF 1.5						01.55- 01.55	111102	12 0.8	
Minelli									
PASSENGER CARS AO									
TF 1.8	[OM353.904]					01.98-	114073	24 5.5	
						01.98-	115511	24 5.5 A49	
Mini									
PASSENGER CARS EU									
Cooper 1.2	[B38A12A]	03.16-	116622	14 180		A25 03.16-	114692	12 1.7	
						03.16-	116371	12 1.5	
Cooper 1.5 Diesel	[B37C15A]	03.14-	116622	14 180		A25 03.14-	114692	12 1.7	
Cooper 1.5	[B36A15A]					10.16-	116371	12 1.5	
	[B38A15A]	10.14-	116622	14 180		A25 10.14-	114692	12 1.7	
						10.14-	116371	12 1.5	
		11.15-	116239	14 150		A25 11.15-	114849	12 1.7	
						11.15-	115999	12 1.4	
Cooper 1.5 Clubman	[B38A15A]	07.15-	116622	14 180		A25 07.15-	114692	12 1.7	
						07.15-	115999	12 1.4	
						07.15-	116371	12 1.5	
Cooper 1.6 Diesel	[9HZ (DV6TED4)]	03.07-	114844	14 145		03.07-	113960	12 0.9	
	[N47C16A]	06.10-	115834	14 150		06.10-	113933	12 1.5	
						06.10-	113960	12 0.9	
						06.10-	115997	12 1.4	
	[W16D16]	03.07-	114844	14 145		03.07-	113960	12 0.9	
Cooper 1.6 Diesel Clubman	[N47C16A]	03.10-	115834	14 150		03.10-	113960	12 0.9	
						03.10-	115997	12 1.4	
Cooper 1.6 Diesel Countryman	[N47C16A]	06.10-	115834	14 150		06.10-	113960	12 0.9	
						06.10-	115997	12 1.4	
Cooper 1.6	[N12B16A]	03.10-	114771	14 150		A25 03.10-	113960	12 0.9	
						03.10-	114692	12 1.7	
	[N14B16C]	09.11-	114771	14 150		09.11-	113960	12 0.9	
		09.11-	114811	14 120 A49					
		09.11-	116311	14 120		09.11-	114849	12 1.7	
	[N16B16A]	03.09-	114771	14 150		03.09-	113960	12 0.9	
						03.10-	114692	12 1.7	
	[W10B16A]	06.01-	114147	14 105		06.01-	113286	12 0.9	
		06.01-	114200	14 100		06.01-	113960	12 0.9	
		06.01-	115658	14 110					
						AT 06.01- 11.06	114295	12 0.9	
Cooper 1.6 Clubman	[N12B16A]	10.07-	114771	14 150		10.07-	113960	12 0.9	
	[N14B16A]	10.07-	114811	14 120 A49		10.07-	113960	12 0.9	
		10.07-	116311	14 120		A25 10.07-	114849	12 1.7	
	[N16B16A]	10.07-	114771	14 150		10.07-	113960	12 0.9	
						A25 10.07-	114692	12 1.7	
Cooper 1.6 Countryman	[N16B16A]	06.10-	114771	14 150		06.10-	113960	12 0.9	
						A25 09.10-	114692	12 1.7	
Cooper 1.6 Countryman 4x4	[N16B16A]					11.14-	114692	12 1.7	
	[N18B16A]					11.14-	114692	12 1.7	
Cooper 1.6 Paceman	[N16B16A]	05.13-	114771	14 150		05.13-	113960	12 0.9	
						05.13-	114692	12 1.7	
Cooper 1.6 Paceman 4x4	[N16B16A]	07.14-	114771	14 150		07.14-	113960	12 0.9	
						07.14-	114692	12 1.7	
	[N18B16A]					11.14-	114692	12 1.7	
Cooper 1.6 Roadster	[N16B16A]	02.12-	114771	14 150		02.12-	113960	12 0.9	
Cooper 1.6 Roadster John Cooper Work	[N14B16C]	02.12-	114771	14 150		02.12-	113960	12 0.9	
Cooper 1.6 S 4X4 Countryman	[N18B16A]	07.14-	114771	14 150		07.14-	113960	12 0.9	
						07.14-	114692	12 1.7	
Cooper 1.6 S 4X4 Paceman	[N18B16A]	07.14-	114771	14 150		07.14-	113960	12 0.9	
						07.14-	114692	12 1.7	
Cooper 1.6 S Paceman	[N18B16A]	07.14-	114771	14 150		07.14-	113960	12 0.9	
						07.14-	114692	12 1.7	
Cooper 1.6 SD Countryman	[N18B16A]	07.14-	114771	14 150		07.14-	113960	12 0.9	
						07.14-	114692	12 1.7	
Cooper 2.0 SD	[B47C20A]	06.14-	116239	14 150		06.14-	113933	12 1.5	
		06.14-	116622	14 180		A25 06.14-	114692	12 1.7	
						06.14-	116371	12 1.5	
Cooper 2.0 SD	[B48A20A]	10.14-	116622	14 180		A25 10.14-	114692	12 1.7	
						10.14-	116371	12 1.5	
Cooper SD 2.0 Diesel	[N47C20A]	09.11-	115834	14 150		09.11-	115997	12 1.4	
Cooper D 1.5 Diesel	[B37C15A]	12.13-	116622	14 180		11.15-	115997	12 1.4	
		11.15-	116239	14 150					
Cooper D 1.6 Diesel	[B47C20A]	12.14-	116239	14 150		12.14-	115999	12 1.4	
	[N47C16A]	12.12-	115834	14 150		12.12-	115997	12 1.4	
Cooper D 1.6 Diesel 4x4 Paceman	[N47C16A]	09.12-	115834	14 150		09.12-	115997	12 1.4	
Cooper D 1.6 Diesel Paceman	[N47C16A]	09.12-	115834	14 150		09.12-	115997	12 1.4	



Cooper D 2.0 Diesel	[N47C20A]	02.11-	115834	14 150	02.11- 02.11-	115997 116371	12 1.4 12 1.5
Cooper D 2.0 Diesel 4x4	[N47C20A]	02.11-	115834	14 150	02.11-	115997	12 1.4
Cooper D 2.0 Diesel 4x4 Paceman	[N47C20A]	09.12-	115834	14 150	09.12-	115997	12 1.4
Cooper D 2.0 Diesel Clubman	[B47C20A]	07.15-	116622	14 180			
Cooper D 2.0 Diesel Clubvan	[N47C20A]	12.12-	115834	14 150	12.12-	115997	12 1.4
Cooper D 2.0 Diesel Paceman	[N47C20A]	09.12-	115834	14 150	09.12-	115997	12 1.4
Cooper D 2.0 Cooper Works	[B48A20B]	03.15-	116622	14 180			
Cooper S 1.6	[B48A20A]	04.13-	116239	14 150	04.13- 04.13- 04.13-	113960 115999 116371	12 0.9 12 1.4 12 1.5
	[N18B16A]	09.11- 01.12- 01.12-	114771 114811 116311	14 150 14 120 A49 14 120	09.11-	113960	12 0.9
	[W11B16A]	03.02-	114258	14 105	03.02- AT 03.02- 11.06	113286 114295	12 0.9 12 0.9
Cooper S 1.6 4x4	[B48A20A]	04.15-	116239	14 150	04.15- 04.15- 04.15-	113960 115999 116371	12 0.9 12 1.4 12 1.5
Cooper S 1.6 Countryman	[N18B16A]	09.12-	114771	14 150	09.12-	113960	12 0.9
Cooper S 1.6 Roadster	[N18B16A]	02.12-	114771	14 150	02.12-	113960	12 0.9
Cooper S 2.0	[B48A20A]	12.13- 11.15-	116622 116239	14 180 14 150	A25 12.13- 12.13- 11.15- 11.15-	114692 116371 113960 115999	12 1.7 12 1.5 12 0.9 12 1.4
Cooper S 2.0 4x4	[B48A20A]	01.16-	116622	14 180	01.16- 01.16-	114692 116371	12 1.7 12 1.5
Cooper S 2.0 4x4 Clubman	[B48A20A]	11.14- 11.14-	116239 116622	14 150 14 180	11.14- 11.14- 11.14- 11.14-	113960 114692 115999 116371	12 0.9 12 1.7 12 1.4 12 1.5
Cooper S 2.0 Clubman	[B48A20A]	07.15- 07.15-	116239 116622	14 150 14 180	07.15- 07.15- 07.15-	113960 114692 116371	12 0.9 12 1.7 12 1.5
Cooper S 2.0 JCW	[B46A20A]	04.13-	116239	14 150	04.13- 04.13- 04.13-	113960 115999 116371	12 0.9 12 1.4 12 1.5
	[B48A20A]	09.13- 04.13-	116622 116239	14 180 14 150	09.13- 04.13- 04.13- A25 09.13-	114692 113960 115999 114692	12 1.7 12 0.9 12 1.4 12 1.5 12 1.7
Cooper SD 2.0 4x4 Paceman	[N47C20A]	10.12-	115834	14 150	10.12-	115997	12 1.4
Cooper SD 2.0 Paceman	[N47C20A]	10.12-	115834	14 150	10.12-	115997	12 1.4
Cooper SD 2.0 Diesel	[B47C20A]	09.13- 03.16-	116239 116622	14 150 14 180			
	[N47C20A]	01.10- 10.16	115834	14 150	01.10- 10.16	115997	12 1.4
Cooper SD 2.0 Diesel 4x4	[B47C20A]	04.15- 01.16-	116239 116622	14 150 14 180			
	[N47C20A]	02.11-	115834	14 150	02.11-	115997	12 1.4
Cooper SD 2.0 Diesel Clubman	[B47C20A]	11.15-	116622	14 180			
	[N47C20A]	02.11-	115834	14 150	02.11-	115997	12 1.4
Cooper SD 2.0 Diesel Countryman	[N47C20A]	02.11-	115834	14 150	A25 02.11-	115997	12 1.4
Cooper SD 2.0 Diesel Roadster	[N47C20A]	02.12-	115834	14 150	02.12-	115997	12 1.4
Countryman 1.6 Cooper S	[N18B16A]	08.10- 10.16	114771	14 150	08.10- 10.16 A25 08.10- 10.16	113960 114692	12 0.9 12 1.7
John Cooper Works 1.6	[B48A20B]	11.15-	116239	14 150	11.15- 11.15- 11.15-	113960 115999 116371	12 0.9 12 1.4 12 1.5
	[N14B16C]				03.08-	113960	12 0.9
John Cooper Works 1.6 Paceman	[N18B16C]				09.12-	113960	12 0.9
John Cooper Works 2.0	[B48A20B]	03.16-	116622	14 180	03.16- 03.16-	113960 116371	12 0.9 12 1.5
Mini 1.5	[B38A15A]	12.13-	116622	14 180	12.13- 12.13-	113960 116371	12 0.9 12 1.5
Mini 1.6	[W11B16A]	11.03-	114258	14 105	11.03- AT 11.03- 11.06	113286 114295	12 0.9 12 0.9
Mini Works 1.6	[W11B16A]	11.03-	114258	14 105	11.03- AT 11.03-	113286 114295	12 0.9 12 0.9
One 1.2	[B38A12A]	03.14-	116622	14 180	A25 03.14- 03.14-	114692 116371	12 1.7 12 1.5
One 1.4 Diesel	[1ND]	06.03- 09.05 06.03- 09.06	113970 116661	14 100 14 100	06.03- 09.05 A25 06.03- 09.06	113960 114692	12 0.9 12 1.7
	[1ND-TV]	06.03- 06.03- 09.06	113970 116661	14 100 14 100	06.03- A25 06.03- 09.06	113960 114692	12 0.9 12 1.7
One 1.4 Clubman	[N12B14A]				A25 03.10-	114692	12 1.7
One 1.4 i	[B14A]	04.03- 10.06 04.03- 10.06	114147 114200	14 105 14 100	04.03- 10.06 04.03- 10.06 AT 04.03- 10.06	113286 113960 114295	12 0.9 12 0.9 12 0.9
One 1.5 Diesel Countryman	[B37C15A]	07.17-	116239	14 150	A25 07.17-	114849	12 1.7
One 1.5 Clubman	[B38A15A]	11.15-	116622	14 180	A25 11.15- 11.15- 11.15-	114692 115999 116371	12 1.7 12 1.4 12 1.5
One 1.6 Diesel	[N47C16A]	07.10-	115834	14 150	07.10-	113933	12 1.5
One 1.6 Diesel Clubman	[N47C16A]	03.10-	115834	14 150	03.10- 03.10-	113960 115997	12 0.9 12 1.4
One 1.6 Diesel Countryman	[N47C16A]	06.10-	115834	14 150	06.10- 06.10-	113960 115997	12 0.9 12 1.4
One 1.6	[N16B16A]	03.10-	114771	14 150	03.10-	113960	12 0.9
	[W10B16A]	06.01- 06.01- 06.01-	114147 114200 115658	14 105 14 100 14 110	06.01- 06.01- 06.01- AT 06.01- 11.06	113286 114071 113960 114295	12 0.9 12 2.0 12 0.9 12 0.9
One 1.6 Countryman	[N16B16A]				A25 06.10-	114692	12 1.7
One D 1.5 Diesel Clubman	[B37C15A]	11.15-	116622	14 180			
One First 1.2 First	[B38A12A]	03.15-	116622	14 180	03.15- 03.15-	116371 115999	12 1.5 12 1.4
One LPG 1.4 LPG	[N12B14A]	03.09- 03.10 03.09- 03.10 03.09- 03.10	114771 114811 116311	14 150 14 120 A49 14 120	A25 03.09- 03.10	113960 114692	12 0.9 12 1.7



MINI Continued

Paceman 1.6 Cooper ALL4	[N16B16A]	07.13- 09.16	114771	14	150	07.13- 09.16	113960	12	0.9
						A25 07.13- 09.16	114692	12	1.7
Paceman 1.6 Cooper S	[N18B16A]	01.14- 09.16	114771	14	150	01.14- 09.16	113960	12	0.9
						A25 01.14- 09.16	114692	12	1.7
MI									
PASSENGER CARS EU									
3000 GT 3.0 i 24V	(Z16A)[6G72]	06.92-	111406	14	110	06.92-	111241	12	1.2
ASX 1.6	(GA_W_)[4A92]	05.10-	116153	14	95	05.10-	116420	12	2.0
		05.10-	116698	14	85				
	(GA1W)	06.10-	116153	14	95	06.10-	116419	12	2.0
		06.10-	116698	14	85	06.10-	116420	12	2.0
ASX 1.8 Di-D	(GA6W)[4N13]	06.10-	116030	14	130	06.10-	116419	12	2.0
						06.10-	116420	12	2.0
ASX 1.8 Di-D 4WD	(GA_W_)[4N13]	06.10-	116030	14	130	06.10-	116419	12	2.0
						06.10-	116420	12	2.0
	(GA6W)	06.10-	116030	14	130	06.10-	116419	12	2.0
ASX 1.8 Di-D 4x4	(GA6W)[4N13]	06.10-	116030	14	130	06.10-	116419	12	2.0
ASX 1.8	[4B10]	02.10-	115760	14	120	02.10-	115448	12	1.4
ASX 2.0 i	[4B11]	06.10-	115760	14	120	06.10-	115448	12	1.4
ASX 2.0 i 4WD	[4B11]	06.10-	115760	14	120	06.10-	115448	12	1.4
Carisma 1.3 16V	(DA_)[4G13(16V)]	09.00- 10.04	112418	14	90	09.00- 10.04	111971	12	1.2
						09.00- 10.04	111508	12	1.2
Carisma 1.6	(DA1A)[4G92]					AT 12.98-	113040	12	0.9
						12.98-	111508	12	1.2
Carisma 1.8 GDi	(DA_)[4G93]	10.00-	112327	14	100	10.00-	111971	12	1.2
						10.00-	113040	12	0.9
Carisma 1.8	[4G93]					AT 05.95-	113040	12	0.9
						05.95-	111508	12	1.2
Carisma 1.8 16V	[4G93]					AT 05.95-	113040	12	0.9
						05.95-	111508	12	1.2
Carisma 1.8 GDi 16V	(DA_)[4G93]	09.97-	112327	14	100	09.97-	112295	12	1.7
		09.97-	112328	14	85	09.97-	111971	12	1.2
Celeste 2.0	(A78)[4G52]	10.75- 06.81	110318	14	50	10.75- 06.81	110315	12	0.9
						10.75- 06.81	116166	12	1.2
						01.77- 06.81	110158	12	1.2
Colt 1.1 BiFuel	(Z3_, Z2_)[3A91]	10.04-	115663	14	95	10.04-	110315	12	0.9
						10.04-	114108	12	0.9
Colt 1.1	[3A91]	10.04- 06.12	115441	14	85	10.04- 06.12	110158	12	1.2
		10.04- 06.12	115663	14	95	10.04- 06.12	110315	12	0.9
						10.04-	114108	12	0.9
Colt 1.3 BiFuel	(Z3_, Z2_)[4A90]	06.04- 06.12	115441	14	85	06.04- 06.12	110158	12	1.2
		06.04-	115663	14	95	06.04-	110315	12	0.9
						06.04-	114108	12	0.9
Colt 1.3 Flexfuel Flexfuel	(Z3_A, Z2_A)	A25 10.08- 06.12	115663	14	95	10.08- 06.12	110315	12	0.9
	(Z3_A, Z2_A)	10.08- 06.12	115441	14	85	10.08- 06.12	110158	12	1.2
	(Z3_A, Z2_A)					10.08- 06.12	114108	12	0.9
Colt 1.3	[4A90]	06.04- 06.12	115663	14	95	06.04- 06.12	110315	12	0.9
						06.04-	114108	12	0.9
	(C5_A)[4G13]	04.88- 12.90	110659	14	75	04.88- 12.90	110809	12	2.0
	(C51A)	04.88- 05.92	110659	14	75	04.88- 05.92	110479	12	0.9
	(C1_A)[G13B]					06.86- 04.88	110158	12	1.2
Colt 1.3 1300	(CJ1A)[4G13]					09.00- 07.05	111971	12	1.2
						09.00- 07.05	113040	12	0.9
Colt 1.3 GLX	[4G13]					05.96- 06.00	111971	12	1.2
						05.96- 06.00	113038	12	0.7
						05.96-	113040	12	0.9
Colt 1.3 12V	(C51A)[4G13]	07.90- 05.92	110659	14	75	07.90- 05.92	110315	12	0.9
	(CA1A)	04.92- 04.96	110659	14	75	04.92- 04.96	110315	12	0.9
						04.92- 04.96	110158	12	1.2
Colt 1.5 DiD	(Z3_V)	08.04- 06.12	114406	14	115	08.04- 06.12	110315	12	0.9
	(Z3_V)					08.04- 06.12	114183	12	1.8
Colt 1.5 Di-D	[OM639.939]	08.04-	114406	14	115	08.04-	110315	12	0.9
						08.04-	114183	12	1.8
Colt 1.5	[4A91]	06.04-	115441	14	85	06.04-	110158	12	1.2
						06.04-	114108	12	0.9
	(C52A)[4G15]	04.88- 05.92	110659	14	75	04.88- 05.92	110809	12	2.0
						07.90- 05.92	110811	12	1.2
Colt 1.5 CZC	[4A91]	05.06-	115441	14	85	05.06-	110158	12	1.2
						05.06-	114108	12	0.9
Colt 1.5 CZT	[4G15T]					03.05-	114108	12	0.9
Colt 1.5 Turbo CZC	[4G15T]					05.06-	114108	12	0.9
Colt 1.6 1600	(CJ1A)[4G92]	09.00- 06.03	112328	14	85	09.00- 06.03	110315	12	0.9
						09.00- 06.03	113040	12	0.9
Colt 1.6 1600 GLX	[4G92]	05.96-	112328	14	85	05.96-	110315	12	0.9
						A13 05.96-	111971	12	1.2
						05.96-	113040	12	0.9
Colt 1.6 16V	(CA4A)[4G92]					12.91- 05.92	110158	12	1.2
Colt 1.6 GTi 16V	(C53A)[4G61]	04.88- 05.90	110802	14	75	04.88- 05.90	110479	12	0.9
Colt 1.8 Diesel	(C14A)[4D65]					02.84- 09.86	111461	12	2.2
	(C54A)					04.88- 05.92	111912	12	2.2
Colt 1.8 16V	(CA5A)[4G93]					04.92- 04.96	110158	12	1.2
Colt 1.8 GTi 16V	(C58A)[4G67]	06.90- 05.92	110802	14	75	06.90- 05.92	110479	12	0.9
						12.91- 05.92	110158	12	1.2
Cordia 1.6	(A212A)[4G32]					10.82- 07.84	110158	12	1.2
						10.82- 12.86	110315	12	0.9
Cordia 1.6 Turbo	(A212A)[4G32T]					09.82- 05.85	110158	12	1.2
						10.82- 05.85	110315	12	0.9
Cordia 1.8	(A215A)[4G37]					10.86- 12.86	110158	12	1.2
Cordia 1.8 Turbo	(A213A)[4G62T]					10.84- 12.86	110158	12	1.2
						10.84- 07.89	110315	12	0.9
Delica 2.0	[4G63(SOHC16V)]	09.95- 10.02	114432	14	100	09.95- 10.02	110811	12	1.2
						09.95- 10.02	110315	12	0.9
Eclipse 2.0 i 16V	(D22A)[4G63]	04.91- 02.94	110804	14	90	04.91- 02.94	110811	12	1.2
Eclipse 2.0 i 16V 4WD	[4G63]	04.91- 02.94	110804	14	90	04.91- 02.94	110811	12	1.2
Eclipse 2000 2.0 16V GT	[4G63]	12.95-	110804	14	90	12.95-	110811	12	1.2
Galant 1.6	(A12_)[4G32]					01.77- 08.80	110158	12	1.2
						01.77- 08.80	110315	12	0.9
						01.77- 08.80	116166	12	1.2
						09.80- 05.84	110158	12	1.2
	(A161A)					09.80- 05.84	110315	12	0.9



	(A161V)					09.80- 05.84	110158	12	1.2	
						09.80- 05.84	110315	12	0.9	
Galant 1.6 GL	(A121V)[4G32]					01.79- 08.80	110158	12	1.2	
Galant 1.8 TD	(E14A)[4D65T]	06.84- 04.90	110318	14	50	06.84- 04.90	110809	12	2.0	
						06.84- 12.87	111461	12	2.2	
	(E34A)	11.88- 10.92	111339	14	65	11.88- 10.92	110811	12	1.2	
Galant 1.8	(E32A)[4G37]					11.87- 08.90	110158	12	1.2	
						11.87- 08.90	110315	12	0.9	
Galant 2.0 TD	(E57A)[4D68]					11.92- 08.96	111912	12	2.2	
Galant 2.0 TDi	(EA6A)[4D68]					09.96- 10.04	113445	12	2.2	
	(EA6W)					09.96- 10.03	113445	12	2.2	
	(EA6A)[4D68T]					09.96- 10.04	113445	12	2.2	
Galant 2.0	(A12_) [4G52]	01.77- 08.80	110318	14	50	01.77- 08.80	110958	12	0.9	
						01.77- 08.80	110158	12	1.2	
						01.77- 08.80	116166	12	1.2	
	(A163)[4G63]	09.80- 05.84	110318	14	50	AT 09.80- 05.84	110958	12	0.9	
						09.80- 05.84	110158	12	1.2	
	(A163V)	09.80- 06.83	110318	14	50	AT 09.80- 06.83	110958	12	0.9	
						09.80- 06.83	110158	12	1.2	
	(E15A)					06.84- 12.87	110315	12	0.9	
	(E33A)	11.87- 10.92	110802	14	75	11.87- 10.92	110811	12	1.2	
						11.87- 10.92	110315	12	0.9	
		04.89- 10.92	110804	14	90					
	(E55A)					11.92-	110315	12	0.9	
	(E15A)[G63B]					06.86- 12.87	110315	12	0.9	
Galant 2.0 4WD	(E38A)[4G63]	12.88- 10.92	110802	14	75	12.88- 10.92	110809	12	2.0	
		12.88- 10.92	110804	14	90	12.88- 10.92	110811	12	1.2	
						12.88- 10.92	110315	12	0.9	
	(E39A)	04.89- 10.92	110802	14	75	04.89- 10.92	110809	12	2.0	
		04.89- 10.92	110804	14	90	04.89- 10.92	110811	12	1.2	
						04.89- 10.92	110315	12	0.9	
	(E75A)					11.92-	110315	12	0.9	
Galant 2.0 GLX	(A123V)[4G52]	01.79- 08.80	110318	14	50	AT 01.79- 08.80	110958	12	0.9	
						01.79- 08.80	110158	12	1.2	
Galant 2.0 16V	(E33A)[4G63]	11.87- 10.92	110802	14	75	11.87- 10.92	110809	12	2.0	
						11.87- 10.92	110315	12	0.9	
		11.89- 10.92	110804	14	90	11.88- 10.92	110811	12	1.2	
	(EA_)					09.00- 10.04	113638	12	1.4	
	(EA2A)	09.96-	112328	14	85	09.96-	110315	12	0.9	
						09.96- 09.00	113638	12	1.4	
	(EA2W)	09.96-	112328	14	85	09.96-	110315	12	0.9	
						09.96- 09.00	113638	12	1.4	
	(ES2W)					09.00- 10.03	113638	12	1.4	
Galant 2.0 16V 4WD	(E3_A)[4G63]	06.88- 10.92	110802	14	75	06.88- 10.92	110809	12	2.0	
						06.88- 10.92	110315	12	0.9	
		11.89- 10.92	110804	14	90	11.89- 10.92	110811	12	1.2	
Galant 2.0 GTi 16V	(E3_A)[4G63]	11.87- 10.92	110802	14	75	11.87- 10.92	110811	12	1.2	
						11.87- 10.92	110315	12	0.9	
Galant 2.0 GTi 16V 4WD	[4G63]	07.89- 12.92	110802	14	75	07.89- 12.92	110811	12	1.2	
		11.89- 12.92	110804	14	90	07.89- 12.92	110315	12	0.9	
Galant 2.0 Turbo	(A164)[4G63T]					05.82- 05.84	110158	12	1.2	
	(E15A)					06.84- 05.85	110158	12	1.2	
						06.84- 05.85	110315	12	0.9	
Galant 2.3 TD	(A167)[4D55T]					A13 09.80- 05.84	111461	12	2.2	
						09.80- 05.84	111912	12	2.2	
		11.81- 05.84	110805	14	45	11.81- 05.84	110811	12	1.2	
	(A167V)	07.83- 05.84	110805	14	45	07.83- 05.84	110811	12	1.2	
						A13 07.83- 05.84	111461	12	2.2	
						07.83- 05.84	111912	12	2.2	
Galant 2.4 GDi	(EA3A)[4G64]	09.00- 10.04	112327	14	100	Change pulley	09.00- 10.04	111241	12	1.2
		AC					A13 02.99-	110811	12	1.2
	(EA3W)	AC 09.00- 10.03	112327	14	100	Change pulley	09.00- 10.03	110315	12	0.9
		AC					02.99-	111241	12	1.2
Galant 2.5 V6 24V	(EA5A)[6A13]					09.96- 09.00	114488	12	1.2	
	(EA5W)					09.96- 09.00	114488	12	1.2	
Gallopier 2.5 Diesel Intercooler	[D4BH]	02.99-	113519	14	90	02.99-	111565	12	2.2	
Gallopier 2.5 TD	(JK-01)[D4BF]	02.99-	113519	14	90	02.99-	111565	12	2.2	
Grandis 2.0 Di-D	(NA8W)[BSY]	09.05-	113884	14	150	09.05-	115359	12	1.2	
		09.05- 03.10	113992	14	140	09.05- 03.10	114217	12	2.0	
	[BWC]	02.07-	113884	14	150	02.07-	114217	12	2.0	
		02.07- 03.10	113992	14	140					
Grandis 2.4	[4G69]	04.04- 12.11	113782	14	110					
L 200 2.5 Di-D	(KB_T, KA_T)[4D56HP]	08.07-	114229	14	120					
		08.07-	115477	14	90					
	(KJ_ , KK_ , KL_) [4N15]	09.15-	116707	14	95					
L 200 2.5 Di-D 4WD	(KB4T)[4D56HP]	05.06-	114229	14	120					
		05.06-	115477	14	90					
	(KJ_ , KK_ , KL_) [4N15]	09.15-	116707	14	95					
L 200 2.5 Di-D 4x4	(KB4T)[4D56HP]	04.10- 07.11	114229	14	120					
		04.10- 07.11	115477	14	90					
		04.10- 12.15	115760	14	120					
L 200 2.5 Di-D RWD	(KA4T)[4D56HP]	04.10-	115477	14	90					
L 200 2.5 Diesel	(K14T)[4D56]	11.86- 08.96	110805	14	45	11.86- 08.96	110809	12	2.0	
		11.86- 08.96	110806	14	65	11.86- 08.96	110811	12	1.2	
		01.96-	111594	14	75	VP 01.96-	110315	12	0.9	
		01.96-	112128	14	75	VP 01.96-	111912	12	2.2	
		01.96-	112205	14	90	VP				
		06.96-	112355	14	80					
L 200 2.5 Diesel 4WD	(K24, 34T)[4D56]	12.87- 05.93	110805	14	45	12.87- 05.93	110809	12	2.0	
		12.87- 05.93	110806	14	65	12.87- 05.93	110811	12	1.2	
L 200 2.5 TD 4WD	(K6_T)[4D56T]	08.03-	111594	14	75	08.03-	111912	12	2.2	
		08.03-	112128	14	75	A13 08.03-	111461	12	2.2	
	(K74T)	01.96-	111594	14	75	01.96-	111912	12	2.2	
		01.96-	112128	14	75	A13 01.96-	111461	12	2.2	
		01.96-	112355	14	80	11.92- 08.96	110809	12	2.0	
		11.92- 08.96	110805	14	45	AT 11.92- 08.96	110811	12	1.2	
		11.92- 08.96	110806	14	65					



MI Continued

	[4D56TD]	01.96-	111594	14 75		01.96-	112370	12 2.2
		01.96-	112128	14 75	A13	01.96-	111461	12 2.2
		01.96-	112205	14 90		01.96-	111912	12 2.2
		06.96-	112355	14 80				
L 300 1.6	(L)[4G32]					04.83-	110158	12 1.2
	(L030PW)					11.84- 02.87	110158	12 1.2
	(L032P)					05.80- 10.86	110158	12 1.2
	(P02V,P12V)					11.86-	110158	12 1.2
	(R12V,P02V)					11.86-	110158	12 1.2
						11.86- 05.94	110315	12 0.9
L 300 1.8 4WD	(L03_P)[4G62]	08.84- 11.86	110318	14 50		08.84- 11.86	110479	12 0.9
						08.84- 02.87	110315	12 0.9
L 300 2.0	(P0_W,P1_W,P2_W)[4G63]					07.96- 08.97	110315	12 0.9
						07.96- 08.97	110811	12 1.2
	(P03V,2W,13V)					11.86-	110315	12 0.9
						11.86-	110811	12 1.2
		07.94-	114432	14 100				
	(P03V,P13V)[G63B]					11.86-	110315	12 0.9
	(P03W)					11.86-	110315	12 0.9
L 300 2.0 4WD	(P23V,W)[4G63]					12.86- 05.04	110315	12 0.9
	(P23W)					11.86- 05.04	110315	12 0.9
L 300 2.3 Diesel	(I030P)[4D55]	09.83- 10.86	110805	14 45		09.83- 10.86	110479	12 0.9
	(L038P)	04.83- 10.86	110805	14 45		04.83- 10.86	110479	12 0.9
L 300 2.4	(P04V,W,14V)[4G64]					11.90-	110315	12 0.9
						11.90-	110811	12 1.2
L 300 2.4 4WD	(P24V,W)[G64B]					11.86-	110315	12 0.9
						01.91-	110811	12 1.2
L 300 2.4 8V 4WD	(P24V,W)[4G64]					11.90-	110315	12 0.9
						11.90-	110811	12 1.2
L 300 2.5 Diesel V8	(P05V, W, 15V)[4D56]	11.86- 10.88	110806	14 65		11.86- 10.88	110809	12 2.0
						11.86-	111912	12 2.2
		11.88- 05.94	111339	14 65				
L 300 2.5 Diesel	(P05W, 05U, 15V)[4D56]	06.94- 08.96	111872	14 65		06.94- 08.96	110811	12 1.2
	(P05V, P05W, P15V)	11.86- 10.88	110806	14 65		11.86- 10.88	110809	12 2.0
						11.86-	111912	12 2.2
		11.88- 05.94	111339	14 65		11.88- 05.94	110811	12 1.2
		11.86-	111240	14 50				
	(P15T)[4D56T]					11.94-	111912	12 2.2
L 300 2.5 TD 4WD	(P25V, P25W, P45V)[4D56T]	11.88- 11.91	111339	14 65		11.88- 11.91	110809	12 2.0
		11.88-	111594	14 75		11.88-	110811	12 1.2
						11.88-	111912	12 2.2
L 400 2.0	(PAOV)[4G63]	06.96- 03.01	114432	14 100				
L 400 2.5 TD 2500	(PA5V)[4D56T]	01.96-	111594	14 75		01.96-	111912	12 2.2
		01.96-	112128	14 75				
		A13 01.96-	112355	14 80		01.96-	110811	12 1.2
	(PA5W)	A13 01.96-	111594	14 75		01.96-	111912	12 2.2
		A13 01.96-	112128	14 75				
		A13 01.96-	112355	14 80				
Lancer 1.2	(C15AS)[4G16]					01.84- 10.86	110158	12 1.2
	(C65A)					08.86- 04.88	110158	12 1.2
Lancer 1.3	(C6_A)[4G13]	04.88- 05.92	110659	14 75		04.88- 05.92	110958	12 0.9
	(C61A)	08.88- 05.92	110659	14 75		08.88- 05.92	110958	12 0.9
	(CB1A)					06.92- 12.96	110158	12 1.2
Lancer 1.3 12V	(C61A)[4G13]	01.91- 06.92	110659	14 75		01.91- 06.92	110809	12 2.0
Lancer 1.3 12V GLX	[4G13]					12.95- 08.03	111971	12 1.2
						12.95- 08.03	113038	12 0.7
						12.95- 06.99	113040	12 0.9
Lancer 1.3 16V	(CS_A)[4G13]					09.03-	111971	12 1.2
Lancer 1.4	(A172)[4G12]					09.79- 02.83	110158	12 1.2
Lancer 1.5 BiFuel	(CY/Z_A)[4A91]	02.10-	116698	14 85		02.10-	110158	12 1.2
						02.10-	114108	12 0.9
Lancer 1.5 BiFuel Sportsback	(CX_A)[4A91]	03.10-	116698	14 85		03.10-	110158	12 1.2
						03.10-	114108	12 0.9
Lancer 1.5	[4A91]	06.08-	116698	14 85		06.08-	110158	12 1.2
						06.08-	114108	12 0.9
	(C12AS)[4G15]					11.83- 04.88	110158	12 1.2
	(C12V)					09.85- 12.87	110158	12 1.2
		09.88- 12.90	110659	14 75		09.88- 12.90	110958	12 0.9
	(C6_A,C7_A)	06.88- 05.92	110659	14 75		06.88- 05.92	110809	12 2.0
						06.88- 05.92	110158	12 1.2
	(C62A)	04.88- 05.92	110659	14 75		04.88- 05.92	110809	12 2.0
	(C12AS)[G15B]					06.85- 04.88	110158	12 1.2
	(C12V)					09.85- 08.89	110158	12 1.2
Lancer 1.5 12V	(C12V)[4G15]	09.90- 12.91	110659	14 75		09.90- 12.91	110809	12 2.0
	(C62A)	05.89- 05.92	110659	14 75		05.89- 05.92	110809	12 2.0
Lancer 1.6	(CY/Z_A)[4A92]	05.10-	116153	14 95		05.10-	110315	12 0.9
		05.10-	116698	14 85		05.10-	110158	12 1.2
	(CS_A)[4G18]					09.03-	111971	12 1.2
	(CS_W)					09.03-	111971	12 1.2
	(CS3W)					09.03- 06.08	111971	12 1.2
	(A174)[4G32G5]					03.79- 02.83	110158	12 1.2
	(A7_)	01.78- 09.79	110318	14 50		AT 01.78- 09.79	110958	12 0.9
Lancer 1.6 Sportsback	(CX_A)[4A92]	05.10-	116153	14 95	A13	05.10-	110315	12 0.9
Lancer 1.6 16V	(CJ4A)[4G92]	12.95-	112328	14 85		12.95-	110811	12 1.2
						12.95-	111971	12 1.2
						12.95-	113040	12 0.9
Lancer 1.6 16V 4WD GLXi	[4G92]					12.92- 10.03	110158	12 1.2
Lancer 1.6 16V GLXi	[4G92]					12.92- 10.03	110158	12 1.2
Lancer 1.8 BiFuel	(CY/Z_A)[4B10]	02.10-	115760	14 120		02.10-	110315	12 0.9
						02.10-	115448	12 1.4
Lancer 1.8 BiFuel Sportsback	(CX_A)[4B10]	02.10-	115760	14 120		02.10-	110315	12 0.9
						02.10-	115448	12 1.4
Lancer 1.8 Flexfuel	(CY/Z_A)[4B10]	03.09-	115760	14 120		03.09-	110315	12 0.9
						03.09-	115448	12 1.4
Lancer 1.8 Flexfuel Flex Sportback	(CX_A)[4B10]	03.09-	115760	14 120		03.09-	110315	12 0.9
						03.09-	115448	12 1.4
Lancer 1.8 Di-D	(CY/Z_A)[4N13]	05.10-	116030	14 130		05.10-	110315	12 0.9
						05.10-	116420	12 2.0
						06.10-	116419	12 2.0



Lancer 1.8 Di-D Sportsback	(CX_A)[4N13]	05.10-	116030	14	130		05.10- 05.10- 06.10-	110315 116420 116419	12	0.9 2.0 2.0
Lancer 1.8 Diesel	(C14AS)[4D65]						01.84- 09.86 01.84- 09.86	111461 111476	12	2.2 2.0
	(C14V)						09.85- 09.86 09.85- 09.86 09.85- 09.86	110158 111461 111476	12	1.2 2.2 2.0
	(C64A)						08.86- 06.92 04.88- 05.92 04.88- 05.92	111912 111461 111912	12	2.2 2.2 2.2
Lancer 1.8	(CY/Z_A)[4B10]	05.10-	115760	14	120		05.10- 05.10-	110315 115448	12	0.9 1.4
Lancer 1.8 4WD	(C37V)[4G37] (C77A) [G37B]						03.89- 12.90 09.89- 06.92 01.87- 08.89	110158 110158 110158	12	1.2 1.2 1.2
Lancer 1.8 Sportsback	(CX_A)[4B10]	05.10-	115760	14	120	A13	05.10- 05.10-	110315 115448	12	0.9 1.4
Lancer 1.8 GTi 16V	(C68A)[4G67] (C69A)[4G93]	11.89- 05.92 11.89- 05.92	110802 110804	14	75 90	AT	11.89- 05.92	110958	12	0.9
Lancer 1.8 Mivec Mivec	(CY_A, CZ_A)[4B10]	11.09-	115760	14	120	AT	06.92- 12.93 11.09-	110158 110315	12	1.2 0.9
Lancer 2.0 Di-D	(CY/Z_A)[BKD]	01.08-	113992	14	140		01.08- 01.08-	110315 114217	12	0.9 2.0
	(CY8A)	06.08-	113992	14	140		06.08- 06.08-	110315 114217	12	0.9 2.0
	(CY/Z_A)[BWC]	01.08-	113992	14	140		01.08- 01.08-	110315 114217	12	0.9 2.0
	(CY8A)	06.08-	113992	14	140		06.08- 06.08-	110315 114217	12	0.9 2.0
Lancer 2.0 Diesel GLX	(CB_W, CD_W)[4D68]						12.92- 10.03	111461	12	2.2
Lancer 2.0	(CS_A)[4G63] (CS_A)[4G63Turbo]	12.03-	115975	14	110	AT	12.03- 12.03-	110315 115359	12	0.9 1.2
Lancer 2.0 EVO X	(CY/Z_A)[4B11T/C]	06.08-	115760	14	120		08.96- 12.97 06.08- 06.08-	114488 110315 115448	12	1.2 0.9 1.4
Lancer 2.0 Ralliart	(CY/Z_A)[4B11T/C]	10.08-	115760	14	120		10.08- 10.08-	110315 115448	12	0.9 1.4
Lancer 2.0 Sportsback Ralliart	(CX_A)[4B11T/C]	10.08-	115760	14	120		10.08-	110315	12	0.9
Lancer 2.0 16V	(CP9A)[4G63] (CS_W)						01.98- 12.98 09.03- 12.07 09.03- 12.07	114488 110315 115359	12	1.2 0.9 1.2
Lancer F 1.2	(A171)[4G11]						03.83- 01.84	110158	12	1.2
Lancer F 1.4	(A172)[4G12]						03.83- 01.84	110158	12	1.2
Lancer F 1.4 Turbo	(A17_)[4G12T]						03.83- 01.84	110158	12	1.2
Libero 1.8 Gti	(CB_A, CD_A, CE_A)						07.91- 07.93	110158	12	1.2
Outlander 1.8 4WD	(H6_W, H7_W)[4G93 (GDI)]	06.99- 09.02	112327	14	100		06.99- 09.02	111971	12	1.2
Outlander 2.0 CRDi 4WD	(CW_W)[BSY]	12.06- 06.10	113992	14	140		12.06- 06.10	115448	12	1.4
Outlander 2.0 Di-D	(CW8W)[BSY]	02.07- 11.12	113992	14	140		02.07- 11.12	115448	12	1.4
Outlander 2.0	(CW4W)[4B11]	11.06- 11.12	115760	14	120		11.06- 11.12	115359	12	1.2
Outlander 2.0 4WD	(CW_W)[4B11] [4G63]	11.06- 11.12 05.03-	115760 115975	14	120 110		11.06- 11.12 05.03-	115359 114854	12	1.2 2.5
Outlander 2.0 16V	(CU2W)[4G63]	05.03- 10.06	115975	14	110		05.03- 10.06	114854	12	2.5
Outlander 2.0 i 16V 4WD	(CU2W)[4G63]	05.03-	115975	14	110		05.03-	115359	12	1.2
Outlander 2.0 Turbo 16V 4WD	(CU2W)[4G63]	04.04-	115975	14	110		04.04-	115359	12	1.2
Outlander 2.0 Bifuel Bifuel	(GG_W, GF_W, ZJ)	10.12-	116394	14	130		10.12-	114217	12	2.0
Outlander 2.0 Bifuel Bifuel 4WD	(GG_W, GF_W, ZJ)	10.12-	116394	14	130		10.12-	116419	12	2.0
Outlander 2.2 Di-D	(CW7W)[4HK] (CW7W)[4HN] (CW1W)[4N14]	08.07- 08.07- 11.06- 11.12	115369 115369 116030	14	150 150 130		08.07- 08.07- 11.06- 11.12 11.06- 11.12 11.06- 11.12	115448 115448 114488 116419 116420	12	1.4 1.4 1.2 2.0 2.0
Outlander 2.2 Di-D 4WD	(CW_)[4N14] (CW1W)	09.10- 11.06- 11.12	116030 116030	14	130 130		09.10- 09.10- 11.12 11.06- 11.12 11.06- 11.12	114488 116420 114460 116419	12	1.2 2.0 1.4 2.0
Outlander 2.3 CRDi 4WD	(CW_W)[4N14]	09.10- 12.12	116030	14	130		09.10- 12.12 09.10- 12.12	114460 116419	12	1.4 2.0
Outlander 2.4 Flexfuel	(CW_W)[4B12]	09.07- 11.12	115760	14	120		09.07- 11.12	115359	12	1.2
Outlander 2.4	[4B12]	11.06- 11.12	115760	14	120		11.06- 11.12	115448	12	1.4
Outlander 2.4 4WD	(GG_W, GF_W, ZJ)[4B12] [4G64(SOHC16V)] [4G69]	10.12- 05.03- 05.03-	116394 113782 113782	14	130 110 110		10.12- 05.03- 05.03-	114217 115448 115448	12	2.0 1.4 1.4
Outlander 2.4 Mivec	(CW5W)[4B12]	09.07- 11.12	115760	14	120		09.07- 11.12	115448	12	1.4
Pajero 1.8 Pinin	[4G93]	09.01- 11.01-	112328 112327	14	85 100		09.01- 09.01-	111476	12	2.0
Pajero 1.8 GDi Pinin	(H6_W, H7_W)[4G93]	06.00- 08.99- 06.00	112328 112327	14	85 100		06.00-	111476	12	2.0
Pajero 2.0 GDi Pinin	(H67W/H77W)[4G94]	10.00-	112327	14	100		10.00-	111476	12	2.0
Pajero 2.3 TD	(L048G)[4D55] (L043G)[4D55T]	12.82- 04.86 12.82- 04.86	110805 110805	14	45 45		12.82- 04.86 12.82- 04.86	110809 110809	12	2.0 2.0
Pajero 2.5 TD	(L044G)[4D56T]	05.86- 10.89 05.86- 10.89 05.86- 10.89	110806 111240 111339	14	65 50 65		11.89- 11.90 05.86- 10.89 11.89- 11.90 05.86- 10.89	110315 111241 110811 110809	12	0.9 1.2 1.2 2.0
	(L049G)	05.86- 06.91 05.86- 06.91 05.86- 10.89	110806 111240 111339	14	65 50 65		01.90- 12.91 05.86- 06.91 05.86- 06.91 05.86- 06.91	110315 110809 110811 111241	12	0.9 2.0 1.2 1.2
	(V24C, W)[4D56TD]	12.90- 10.93 12.90- 10.93 11.93- 11.93- 11.93-	111339 112129 111594 112128 112205	14	65 90 75 75 90		12.90- 10.93 12.90- 10.93 11.93- 11.93- 11.93-	110315 111461 112370 111565	12	0.9 2.2 2.2 2.2
Pajero 2.5 TD Classic	(V2_W)[4D56]	07.02- AC 07.02-	114187 112355	14	105 80		07.02-	113445	12	2.2
Pajero 2.5 TD Sport	(K9_)[4D56T]	07.02- 08.03-	112128 112355	14	75 80	A13	07.02- 08.03- A13 08.98- 08.99	111565 113445 111461	12	2.2 2.2 2.2



MI Continued

Pajero 2.5 TDi	(V60)[4D56T]	04.00- 06.00	111594	14 75		04.00- 06.00	112370	12 2.2
		04.00-	112128	14 75	AT	04.00-	111461	12 2.2
		09.01-	112355	14 80		09.01-	113445	12 2.2
		09.01-	114187	14 105		09.01-	116250	12 1.2
Pajero 2.6	(L042G)[4G54]	01.83- 06.86	110318	14 50		01.83- 06.86	110809	12 2.0
	(L047G)	12.82- 06.91	110318	14 50		12.82- 06.91	110809	12 2.0
Pajero 2.8 TD	(V46W)[4M40-T]	06.94-	111956	14 75		06.94-	111912	12 2.2
		06.96-	111626	14 90		06.96-	112370	12 2.2
Pajero 3.0 24V	(V2_W,V4_W)[6G72]	06.94-	111806	14 90		06.94-	111971	12 1.2
Pajero 3.0 V6 24V	(V2_W,V4_W)[6G72]	06.97- 04.00	111806	14 90		06.97- 04.00	111971	12 1.2
Pajero 3.0 V6 Sport	(K9_)[6G72]	08.98-	111806	14 90		08.98-	111912	12 2.2
	(K90)	03.03-	111806	14 90		03.03-	111912	12 2.2
Pajero 3.2 Di-D	(V60)[4M41]	10.01- 12.06	116700	14 140	AT	02.07-	116250	12 1.2
	(V80)	02.07-	115926	14 120		11.06-	116250	12 1.2
	(V90, V80)	11.06-	115926	14 120				
	(V8_W, V9_W)	02.07-	115926	14 120		02.07-	116250	12 1.2
Pajero 3.2 Di-D 4x4	(V88, V98)[4M41]	01.09-	115926	14 120	AT	01.09-	116250	12 1.2
	(V90, V80, V8_V)	02.07-	115926	14 120				
Pajero 3.2 TD 4x4	(V90, V80)[4M41]	01.10-	115926	14 120		01.10-	116250	12 1.2
Pajero 3.5 V6 24V	(V2_W,V4_W)[6G74]	07.97-	111806	14 90		07.97-	111971	12 1.2
	(V25W,V45W)[6G74 (SOHC 24V)]	06.94- 10.99	111806	14 90		06.94- 10.99	111912	12 2.2
	(V25W,V45W)[6G74(DOHC24V)]	11.93-	111806	14 90		11.93-	112370	12 2.2
Pajero Junior I 0.7 4WD	(H57A)[4A30T]					10.95- 04.98	110158	12 1.2
Pajero Sport Van 3.0 V6	(K90)[6G72 (DOHC24V)]	12.99- 01.08	111806	14 90		12.99- 01.08	111241	12 1.2
					AT	12.99- 01.08	116250	12 1.2
Santamo 2.0 16V	[4G63]					05.99-	110315	12 0.9
Santamo 2.0 16V 4x4	[4G63]					05.99-	110315	12 0.9
Sapporo 1.6	(A121)[4G32]					04.78- 07.80	116166	12 1.2
	(A161A)					08.80- 09.84	110158	12 1.2
Sapporo 2.0	(A123)[4G52]	04.78- 07.80	110318	14 50		04.78- 07.80	110315	12 0.9
						04.78- 07.80	110811	12 1.2
						04.78- 07.80	116166	12 1.2
						01.79- 07.80	110158	12 1.2
	(A161A)[4G63]	08.80- 08.83	110318	14 50		08.80- 08.83	110158	12 1.2
Sapporo 2.0 Turbo	(A164)[4G63T]					08.82- 08.83	110158	12 1.2
Sapporo 2.4	(E16A)[4G64]	06.87- 08.90	110659	14 75		06.87- 08.90	110158	12 1.2
Shogun 2.5 TD	(P25W)[4D56]	06.86- 11.88	110806	14 65		06.86- 11.88	110809	12 2.0
		11.88- 12.96	111339	14 65		11.88- 12.96	111241	12 1.2
Shogun 3.0 4WD	(V3_W, V2_W, V4_W)[6G72 (SOHC24V)]	11.97- 04.00	111806	14 90		11.97- 04.00	111461	12 2.2
Sigma 3.0 i 24V	(F16A)[6G72]	12.90- 07.96	111406	14 110		12.90- 07.96	111241	12 1.2
Sigma 3.0 i V6	(F16A)[6G72(SOHC12V)]	12.90-	111406	14 110		12.90-	111241	12 1.2
Sigma 3.0 V6	(F07W)[6G72(SOHC12V)]					01.93- 07.96	111241	12 1.2
Space Gear 2.4 i 16V 4WD	(PA4W)[4G64]	05.95- 05.00	114432	14 100		05.95- 05.00	111912	12 2.2
Space Gear 2.5 Diesel					A13	05.95- 05.00	111912	12 2.2
		05.95- 05.00	112205	14 90		05.95- 05.00	110315	12 0.9
						05.95- 05.00	112370	12 2.2
Space Gear 2.5 TD	(PA5W)[4D56TD]	05.95- 05.00	112205	14 90		05.95- 05.00	110811	12 1.2
Space Gear 2.5 TD 4WD	(PA5W)[4D56TD]	05.95- 05.00	112205	14 90	AT	05.95- 05.00	110811	12 1.2
						05.95- 05.00	111912	12 2.2
Space Runner 1.8 4WD	[4G93]				A13	06.91- 05.92	110158	12 1.2
Space Runner 2.0 TD GLX	[4D68T]					10.92- 08.99	111912	12 2.2
Space Runner 2.0	(N6_W)[4G63 (SOHC16V)]	05.00- 08.02	112327	14 100		05.00- 08.02	110158	12 1.2
						05.00- 08.02	113638	12 1.4
Space Runner 2.0 16V	(N50)[4G63]	05.99- 08.02	112327	14 100		05.99- 08.02	110315	12 0.9
					AT	06.97- 08.99	113638	12 1.4
						05.99- 08.02	110958	12 0.9
Space Runner 2.4 GDi	(N64W)[4G64]	05.99- 08.02	112327	14 100		05.99- 08.02	110809	12 2.0
						08.99-	113638	12 1.4
	(N6_W)[4G64 (GDI)]	08.99- 08.02	112327	14 100		08.99- 08.02	110315	12 0.9
						08.99- 08.02	113638	12 1.4
Space Star 1.3 16V	(DGO)[4G13]	09.00-	112418	14 90		09.00-	111508	12 1.2
	(DGO)	12.98-	112418	14 90	AC	12.98-	111508	12 1.2
Space Star 1.6 16V	(DGO)[4G18]	09.01-	112418	14 90		09.01-	111508	12 1.2
Space Star 1.8 GDi	(DGO)[4G93]	06.98-	112327	14 100		06.98-	111971	12 1.2
		06.98-	112328	14 85		06.98-	111508	12 1.2
Space Star 1.8 GDi	[4G93]	06.98-	112327	14 100		06.98-	112474	12 1.8
		06.98-	112328	14 85		06.98-	111971	12 1.2
Space Star 1.9 Diesel Di	(DGO)[F9Q1]	02.01-	112471	14 125	AT	02.01-	113040	12 0.9
Space Wagon 1.8 TD	(D09W)[4D65T]					06.86- 04.91	111461	12 2.2
						06.86- 04.91	111476	12 2.0
	(N35W)					10.91- 10.98	111912	12 2.2
Space Wagon 1.8	(N31W)[4G93]					05.91-	110158	12 1.2
						05.91-	110315	12 0.9
Space Wagon 1.8 4WD	[4G37]					10.87- 05.91	110315	12 0.9
						10.87- 05.91	110811	12 1.2
	(N41W)[4G93]					05.91-	110158	12 1.2
						05.91-	110315	12 0.9
Space Wagon 1.8 GLX	(D05V)[4G37]					01.84- 12.88	110315	12 0.9
Space Wagon 1.8	(D0_V/W)[4G37]				A13	10.83- 05.86	110315	12 0.9
					A42	10.83- 05.86	110158	12 1.2
Space Wagon 2.0 TD	(N38W)[4D68T]					10.92- 10.98	111912	12 2.2
Space Wagon 2.0	(D04W)[4G63]					06.88- 04.91	110315	12 0.9
						06.88- 04.91	110811	12 1.2
	(N33W)					10.92- 10.98	110811	12 1.2
	(D04W)[G63B]					06.86- 05.88	110315	12 0.9
Space Wagon 2.0 4WD	(D08W)[4G63]	05.88-	110659	14 75		03.85- 04.91	110315	12 0.9
						06.87- 04.91	110811	12 1.2
						05.88-	110809	12 2.0
	(N43W)					10.92- 10.98	110811	12 1.2
	(D08W)[G63B]					06.86- 05.88	110315	12 0.9
						06.87- 05.88	110811	12 1.2
Space Wagon 2.0 GDi 16V	[4G63 (SOHC16V)]	04.02- 12.04	112327	14 100		04.02- 12.04	110811	12 1.2
Space Wagon 2.4 GDi 16V 4WD	(N94W)[4G64]	07.98-	112327	14 100	Change pulley	07.98-	110811	12 1.2
Space Wagon 2.4 GDi	(N84W)[4G64]					09.00-	113638	12 1.4
		07.98-	112327	14 100	Change pulley	07.98-	110809	12 2.0
Space Wagon 2.4 GDi	(N84W)[4G64]	10.98-	112327	14 100	Change pulley	10.98-	110809	12 2.0
						10.98-	113638	12 1.4
Space Wagon 2.4 GDi 4WD	(N94W)[4G64]	10.98-	112327	14 100	Change pulley	10.98-	110809	12 2.0
						10.98-	113638	12 1.4
Space Wagon 2.4 i	(N3_W, N4_W)[4G64]					10.92- 10.98	110811	12 1.2



Starion 2.0 Turbo	(A183E)[4G63T]				06.82- 12.85	110158	12	1.2
	(A183A)[4G63T/C]				05.85- 05.88	110158	12	1.2
Starion 2.6 Turbo	(A187)[G54BT/C]				12.89- 06.90	110811	12	1.2
Tredia 1.4	(A211)[4G12]				10.82- 08.85	110158	12	1.2
					10.82- 08.85	110315	12	0.9
Tredia 1.6 Turbo	(A212)[4G32T]				09.82- 07.84	110158	12	1.2
					09.82- 07.84	110315	12	0.9
					09.82- 05.85	110479	12	0.9
Tredia 1.8	(A215)[4G37]				08.84- 07.86	110158	12	1.2
					08.84- 11.87	110315	12	0.9
Tredia 1.8 Turbo	(A21_) [G62B]				A13 09.84- 09.85	110315	12	0.9
					09.84- 09.85	110158	12	1.2
Tredia 2.0 GLXi 4WD	(A21_) [4G63 (SOHC8V)]				10.86- 03.88	110315	12	0.9
Triton 2.5 DI-D 4x4	(KA_T, KB_T)[4D56HP]	04.10- 04.10-	114229 115477	14 120 14 90	04.10-	111912	12	2.2
PASSENGER CARS US								
3000 GT 3.0	[6G72]	01.93- 01.93	111406	14 110	01.93- 01.93	111241	12	1.2
3000 GT 3.0 SL	[6G72]	01.93- 01.93	111406	14 110	01.93- 01.93	111241	12	1.2
3000 GT 3.0 Spyder SL	[6G72]	01.95- 01.95	111406	14 110	01.95- 01.95	111241	12	1.2
3000 GT 3.0 Turbo Spyder VR-4	[6G72]	01.95- 01.95	111406	14 110	01.95- 01.95	111241	12	1.2
3000 GT 3.0 Turbo VR4	[6G72T]	01.99- 01.99	111406	14 110	01.99- 01.99	111241	12	1.2
3000 GT 3.0 Turbo VR-4	[6G72]	01.93- 01.93	111406	14 110	01.93- 01.93	111241	12	1.2
Cordia 1.8					01.83- 01.83	110158	12	1.2
Cordia 1.8 Turbo					01.86- 01.88	110158	12	1.2
Cordia 1.8 Turbo L					01.85- 01.85	110158	12	1.2
Cordia 1.8 Turbo LS					01.84- 01.84	110158	12	1.2
Cordia 2.0					01.86- 01.88	110811	12	1.2
					01.84- 01.84	110158	12	1.2
Cordia 2.0 L					01.84- 01.85	110158	12	1.2
Cordia 2.0 LS					01.84- 01.84	110158	12	1.2
Eclipse 1.8					01.90- 01.92	110158	12	1.2
Eclipse 1.8 GS					01.90- 01.92	110158	12	1.2
Eclipse 2.0 GS		01.90- 01.92	110802	14 75	01.90- 01.92	110958	12	0.9
					01.93- 01.94	110811	12	1.2
Eclipse 2.0 Turbo GS					01.93- 01.94	110811	12	1.2
		01.90- 01.92	110802	14 75	01.90- 01.92	110958	12	0.9
Eclipse 2.0 Turbo GST	[4G63]				01.96- 01.97	110811	12	1.2
Eclipse 2.0 Turbo GSX	[4G63]				01.96- 01.97	110811	12	1.2
		01.90- 01.92	110802	14 75				
Eclipse 2.0 Turbo Spyder GST	[4G63]				01.96- 01.97	110811	12	1.2
Eclipse 2.4	[4G64]				01.00- 01.01	113638	12	1.4
Eclipse 2.4 SPYDER	[4G64]				01.01- 01.03	113638	12	1.4
					01.99- 01.99	110811	12	1.2
Eclipse 2.4 Spyder GS	[4G64]				01.96- 01.97	110811	12	1.2
Expo 2.4	[4G64]				01.93- 01.95	110811	12	1.2
					01.92- 01.92	110158	12	1.2
		01.92- 01.92	110802	14 75				
Expo 2.4 SP					01.92- 01.92	110158	12	1.2
		01.92- 01.92	110802	14 75	01.92- 01.92	110811	12	1.2
Galant 2.0					01.89- 01.90	110158	12	1.2
					01.89- 01.90	110811	12	1.2
		01.89- 01.90	110802	14 75				
		01.91- 01.92	110804	14 90				
Galant 2.0 ES		01.93- 01.93	110802	14 75	01.93- 01.93	110811	12	1.2
		01.93- 01.93	110804	14 90				
Galant 2.0 GS					01.89- 01.90	110158	12	1.2
		01.89- 01.90	110802	14 75	01.89- 01.90	110811	12	1.2
		01.91- 01.92	110804	14 90				
Galant 2.0 GSR					01.91- 01.92	110158	12	1.2
		01.91- 01.92	110802	14 75	01.91- 01.92	110811	12	1.2
		01.91- 01.92	110804	14 90				
Galant 2.0 GSX					01.90- 01.90	110158	12	1.2
		01.90- 01.90	110802	14 75	01.90- 01.90	110811	12	1.2
		01.91- 01.92	110804	14 90				
Galant 2.0 LS					01.89- 01.90	110158	12	1.2
		01.89- 01.90	110802	14 75	01.89- 01.90	110811	12	1.2
		01.91- 01.92	110804	14 90				
Galant 2.0 S		01.93- 01.93	110802	14 75	01.93- 01.93	110811	12	1.2
		01.93- 01.93	110804	14 90				
Galant 2.0 Turbo VR-4		01.91- 01.92	110804	14 90	01.91- 01.92	110811	12	1.2
Galant 2.4	[4G64]				01.00- 01.02	113638	12	1.4
Galant 2.4 LS	[4G64]				01.98- 01.98	110811	12	1.2
Galant 3.0					01.00- 01.02	113638	12	1.4
Lancer 2.0		01.02- 01.03	112328	14 85	01.02- 01.03	111971	12	1.2
Lancer 2.0 Turbo Evolution		01.03- 01.03	112328	14 85				
Lancer 2.4 Ralliart		01.04-	113782	14 110				
Lancer 2.4 Sportback		01.04-	113782	14 110				
Mighty Max 2.0					01.84- 01.86	110315	12	0.9
					01.83- 01.83	110158	12	1.2
Mighty Max 2.0 S					01.84- 01.84	110315	12	0.9
					01.83- 01.83	110158	12	1.2
Mighty Max 2.0 SWB					01.89-	110811	12	1.2
					01.89-	110158	12	1.2
Mighty Max 2.3 Turbo SP					01.83- 01.83	110811	12	1.2
					01.83- 01.83	111461	12	2.2
Mighty Max 2.3 Turbo SPX					01.84- 01.84	110811	12	1.2
					01.84- 01.84	111461	12	2.2
Mighty Max 2.4					01.90- 01.92	110811	12	1.2
					01.90- 01.92	110158	12	1.2
Mighty Max 2.4 LWB					01.92- 01.93	110811	12	1.2
					01.92- 01.93	110158	12	1.2
Mighty Max 2.4 SWB	[4G64]				01.95- 01.96	110158	12	1.2
					01.95- 01.96	110811	12	1.2
Mighty Max 2.6					01.88- 01.89	110811	12	1.2
Mighty Max 2.6 LWB					01.89-	110811	12	1.2
Mighty Max 2.6 SP					01.83- 01.83	110158	12	1.2
		01.83- 01.83	110805	14 45	01.83- 01.83	110809	12	2.0
Mighty Max 2.6 SPX					01.83- 01.83	110158	12	1.2
		01.83- 01.83	110805	14 45	01.83- 01.83	110811	12	1.2
Mighty Max 2.6 SWB					01.89-	110811	12	1.2
Mighty Max 3.0 SWB					01.92- 01.92	111241	12	1.2



MI Continued

Mirage 1.5	[4G15]	01.91- 01.92	110659	14	75	01.00- 01.01	111971	12	1.2
						01.00- 01.01	113038	12	0.7
						01.91- 01.92	110811	12	1.2
						01.99- 01.99	113040	12	0.9
						01.85- 01.85	110158	12	1.2
Mirage 1.5 DE	[4G15]					01.97- 01.97	113038	12	0.7
						01.97- 01.97	113040	12	0.9
Mirage 1.5 ES	[4G15]	01.93- 01.95	110659	14	75	01.93- 01.95	110315	12	0.9
Mirage 1.5 L						01.85- 01.85	110158	12	1.2
Mirage 1.5 LS	[4G15]	01.91- 01.93	110659	14	75	01.91- 01.93	110315	12	0.9
						01.89- 01.90	110158	12	1.2
Mirage 1.5 RS		01.90- 01.90	110659	14	75	01.90- 01.90	110958	12	0.9
Mirage 1.5 S	[4G15]	01.93- 01.96	110659	14	75	01.93- 01.96	110158	12	1.2
Mirage 1.5 VL	[4G15]	01.91- 01.92	110659	14	75	01.91- 01.92	110315	12	0.9
						01.90-	110811	12	1.2
Mirage 1.6 GS		01.91- 01.92	110802	14	75	01.91- 01.92	110958	12	0.9
Mirage 1.6 Turbo						01.88- 01.88	110158	12	1.2
		01.89- 01.89	110802	14	75	01.89- 01.89	110958	12	0.9
Mirage 1.6 Turbo L						01.85- 01.85	110158	12	1.2
Mirage 1.6 Turbo LS						01.86- 01.87	110158	12	1.2
Mirage 1.8	[4G93]	01.00- 01.02	112328	14	85	01.00- 01.02	110158	12	1.2
						01.00- 01.02	111971	12	1.2
						01.99- 01.99	113040	12	0.9
Mirage 1.8 LS	[4G93]					01.97- 01.97	113040	12	0.9
		01.98- 01.98	112328	14	85	01.98- 01.98	110158	12	1.2
						01.98- 01.98	111971	12	1.2
Montero 2.6						01.83- 01.83	110158	12	1.2
		01.83- 01.83	110805	14	45	01.83- 01.83	110811	12	1.2
Montero 3.0						01.89- 01.92	111241	12	1.2
Montero 3.0 LS						01.89- 01.92	111241	12	1.2
Montero 3.0 LS Sport	[6G72]	01.98- 01.98	111806	14	90	01.98- 01.98	111241	12	1.2
Montero 3.0 Sport	[6G72]	01.00- 01.01	111806	14	90	01.00- 01.01	111241	12	1.2
						01.02- 01.03	110811	12	1.2
Montero 3.0 Sport LS	[6G72]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.0 Sport XLS	[6G72]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.0 XLS Sport	[6G72]	01.98- 01.98	111806	14	90	01.98- 01.98	111241	12	1.2
Montero 3.5 LS	[6G74]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.5 Sport	[6G74]	01.00- 01.01	111806	14	90	01.00- 01.01	111241	12	1.2
Montero 3.5 SR	[6G74]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Precis 1.5						01.90- 01.93	110158	12	1.2
		01.90- 01.93	110659	14	75				
Precis 1.5 RS						01.90- 01.91	110158	12	1.2
		01.90- 01.91	110659	14	75				
Sigma 3.0						01.88- 01.90	111241	12	1.2
Starion 2.6 Turbo		01.83- 01.83	110318	14	50	01.83- 01.83	110158	12	1.2
Starion 2.6 Turbo ES		01.84- 01.84	110318	14	50	01.84- 01.84	110158	12	1.2
Starion 2.6 Turbo LE		01.84- 01.84	110318	14	50	01.84- 01.84	110158	12	1.2
Starion 2.6 Turbo LS		01.84- 01.84	110318	14	50	01.84- 01.84	110158	12	1.2
Treda 1.8						01.83- 01.83	110158	12	1.2
Treda 1.8 Turbo						01.86- 01.88	110158	12	1.2
Treda 1.8 Turbo LS						01.84- 01.84	110158	12	1.2
Treda 2.0						01.86- 01.88	110811	12	1.2
						01.84- 01.84	110158	12	1.2
Treda 2.0 L						01.84- 01.85	110158	12	1.2
Treda 2.0 LS						01.84- 01.84	110158	12	1.2
Van 2.4						01.87- 01.88	110811	12	1.2
PASSENGER CARS AO									
Colt 1.6 4WD	(CA_A)[4G92]					12.91- 05.92	110158	12	1.2
Grandis 2.4 GDI GLX	(N94W)[4G64]					11.97- 07.00	113638	12	1.4
Grandis 2.4 GDI GLX	[4G64]					08.00- 05.03	113638	12	1.4
L 300 2.0	(P0_W, P1_W)	06.94- 08.95	114432	14	100				
L 400 2.0	(PAOV)	09.95- 10.02	114432	14	100				
L 400 2.4	(PAOV)	06.96- 10.02	114432	14	100				
	(PAOV)	06.96- 10.02	114432	14	100				
Lancer 1.6 GTi	(C6_A)[4G61]	05.88- 05.90	110802	14	75	05.88- 05.90	115448	12	1.4
	(C6_A, C7_A)	05.88- 05.90	110802	14	75	05.88- 05.90	110315	12	0.9
Lancer 2.0	(CY/Z_A)[4B11]	04.08-	115760	14	120	04.08-	115448	12	1.4
Lancer 2.0 i	(CS_A)[4B11]	10.07-	115760	14	120	10.07-	115448	12	1.4
Lancer 2.0 i Sportback	(CY/Z_A)[4B11]	10.07-	115760	14	120	10.07-	115448	12	1.4
Pajero 3.2 4x4	(V60, V70)[4M41]	04.00- 10.01	116700	14	140	04.00- 10.01	116250	12	1.2
Pajero 3.2 Di-D 4x4	(V80, V90)[4M41]	02.07-	115926	14	120	02.07-	110811	12	1.2
Pajero 3.2 TD 4x4	(V80, V90)	01.12-	115926	14	120	01.12-	110158	12	1.2
Pajero Sport 3.5	(KG_, KH_)[6G74(SOHC24V)]					AT 09.08-	116250	12	1.2
Sigma 2.0 Scorpion	(GE)[4G52]					03.78- 06.79	116166	12	1.2
FORK LIFTS									
DP40N Forklifts	[854F-E34T - FPI]		114450	14	120		114388	12	3.2 A49
							116308	12	3.2
DP45N Forklifts	[854F-E34T - FPI]		114450	14	120		114388	12	3.2 A49
							116308	12	3.2
DP50CN Forklifts	[854F-E34T - FPI]		114450	14	120		114388	12	3.2 A49
							116308	12	3.2
DP50N Forklifts	[854F-E34T - FPI]		114450	14	120		114388	12	3.2 A49
							116308	12	3.2
DP55N Forklifts	[854F-E34T - FPI]		114450	14	120		114388	12	3.2 A49
							116308	12	3.2
DP70N1 Forklifts	[854E-E34TA - FPI]		114450	14	120		114388	12	3.2 A49
							116308	12	3.2
FD SERIES Forklifts	[S4S]		113401	14	40		111272	12	2.2
FD10			113212	28	20				
FD15			113212	28	20				
FD15/18K Forklifts	[S4Q2]		113401	14	40				
FD15N Forklifts	[S4Q2]		113401	14	40				
FD18N Forklifts	[S4Q2]		113401	14	40				
FD20		01.83-	113212	28	20	01.83-	111275	12	2.0
						01.83-	112323	24	5.0
						01.83-	111913	24	3.2
FD20/25K Forklifts	[S4S]		113401	14	40		111272	12	2.2
FD20CN Forklifts	[S4Q2]		113401	14	40				
FD20K Forklifts	[S4S]		113401	14	40		111272	12	2.2
FD20N Forklifts	[S4Q2]		113401	14	40				



FD20N & FD25N Forklifts	[S4S]	113401	14	40		111272	12	2.2	
FD23					01.83- 01.91	111275	12	2.0	
FD25		113212	28	20	01.83- 01.91	111275	12	2.0	
					01.83- 01.91	112323	24	5.0	
FD25K Forklifts	[S4S]	113401	14	40		111272	12	2.2	
FD25N Forklifts	[S4Q2]	113401	14	40					
FD28					01.83- 01.91	111275	12	2.0	
FD28N Forklifts	[S4S]	113401	14	40		111272	12	2.2	
FD30		113212	28	20	01.83-	111275	12	2.0	
					01.83-	112323	24	5.0	
						111272	12	2.2	
FD30K Forklifts	[S4S]	113401	14	40					
FD30N Forklifts	[S4Q2]	113401	14	40					
FD30N FD33N & FD35N Forklifts	[S4S]	113401	14	40		111272	12	2.2	
FD35		113212	28	20		112323	24	5.0	
FD35 Forklifts	[S6S]	116529	14	50		116536	12	3.0	
FD35D	[S6E/S6S]	114457	28	35		114169	24	5.0	
FD35D2	[S6E/S6S]	114457	28	35		114169	24	5.0	
FD35DS	[S6E/S6S]					114169	24	5.0	
FD35K Forklifts	[S4S]	113401	14	40		111272	12	2.2	
FD35N Forklifts	[S4Q2]	113401	14	40					
FD38	[S6E/S6S]					114169	24	5.0	
FD40 Forklifts	[S6S]	116529	14	50		116536	12	3.0	
FD40D	[S6E/S6S]	114457	28	35		114169	24	5.0	
FD40K Forklifts	[S6S]	116529	14	50		116536	12	3.0	
FD40KL Forklifts	[S6S]	116529	14	50		116536	12	3.0	
FD40N Forklifts	[854F-E34T - FPI]	114450	14	120		114388	12	3.2	A49
						116308	12	3.2	
	[S6S]	116529	14	50		116536	12	3.0	
FD45 Forklifts	[S6S]	116529	14	50		116536	12	3.0	
FD45D	[S6E/S6S]	114457	28	35		114169	24	5.0	
FD45K Forklifts	[S6S]	116529	14	50		116536	12	3.0	
FD45N Forklifts	[854F-E34T - FPI]	114450	14	120		114388	12	3.2	A49
						116308	12	3.2	
	[S6S]	116529	14	50		116536	12	3.0	
FD50(C) Forklifts	[S6S]	116529	14	50		116536	12	3.0	
FD50C	[S6E/S6S]	114457	28	35		114169	24	5.0	
FD50CN Forklifts	[854F-E34T - FPI]	114450	14	120		114388	12	3.2	A49
						116308	12	3.2	
	[S6S]	116529	14	50		116536	12	3.0	
FD50D	[S6E/S6S]	114457	28	35		114169	24	5.0	
FD50K Forklifts	[S6S]	116529	14	50		116536	12	3.0	
FD50N Forklifts	[854F-E34T - FPI]	114450	14	120		114388	12	3.2	A49
						116308	12	3.2	
	[S6S]	116529	14	50		116536	12	3.0	
FD55N Forklifts	[854F-E34T - FPI]	114450	14	120		114388	12	3.2	A49
						116308	12	3.2	
	[S6S]	116529	14	50		116536	12	3.0	
FD60 - FD70 Forklifts	[S6S]	116529	14	50		116536	12	3.0	
FD60N Forklifts	[854E-E34TA - FPI]	114450	14	120		114388	12	3.2	A49
						116308	12	3.2	
FD70N Forklifts	[854E-E34TA - FPI]	114450	14	120		114388	12	3.2	A49
						116308	12	3.2	
	[F34ENT]	114450	14	120		114002	12	4.2	
FDC SERIES Forklifts	[S4S]	113401	14	40		111272	12	2.2	
FDC20		113212	28	20					
FDC25		113212	28	20					
FG10					01.90-	110572	12	1.2	
					01.77- 01.79	110292	12	1.1	
FG15N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FG15N & FG18N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FG18 1.4					01.90-	110572	12	1.2	
FG18N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FG20		110138	14	40	01.80- 12.87	111272	12	2.2	
		110448	28	20	01.80- 12.87	110572	12	1.2	
		110802	14	75	01.80- 12.87	111108	12	1.2	
		111042	14	35	01.80- 12.87	110292	12	1.1	
FG20CN Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FG20N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FG20N-HO Forklifts	[K25(L)]	112069	14	50		114479	12	1.2	
FG25		110318	14	50	01.80- 12.87	110572	12	1.2	
		110448	28	20	01.80- 12.87	110292	12	1.1	
		110802	14	75	01.80- 12.87	110182	12	0.9	
		111042	14	35					
FG25N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FG25N-HO Forklifts	[K25(L)]	112069	14	50		114479	12	1.2	
FG28N Forklifts	[K25(L)]	112069	14	50		114479	12	1.2	
FG28N FG30N & FG33N Forklifts	[K25(L)]	112069	14	50		114479	12	1.2	
FG30 2.4		110318	14	50	01.80- 12.87	110572	12	1.2	
		110448	28	20	01.80- 12.87	110292	12	1.1	
		110802	14	75					
		111042	14	35					
FG30N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
	[K25(L)]	112069	14	50		114479	12	1.2	
FG33N Forklifts	[K25(L)]	112069	14	50		114479	12	1.2	
FG35N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
	[K25(L)]	112069	14	50		114479	12	1.2	
FG40K & FG40KL Forklifts	[TB45E(L)]	116530	14	100					
FG40N Forklifts	[TB45E(L)]	116530	14	100					
FG45K & FG50K Forklifts	[TB45E(L)]	116530	14	100					
FG45N Forklifts	[TB45E(L)]	116530	14	100					
FG50CN Forklifts	[TB45E(L)]	116530	14	100					
FG50N Forklifts	[TB45E(L)]	116530	14	100					
FG55N Forklifts	[TB45E(L)]	116530	14	100					
FGC15N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FGC15N - FGC33N CUSHION Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FGC18N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FGC20CN Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FGC20N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	
FGC20N-HO Forklifts	[K25(L)]	112069	14	50		114479	12	1.2	
FGC25N Forklifts	[K21(L)]	112069	14	50		114479	12	1.2	



MI Continued

FGC25N-HO Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FGC30N Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FGC33N Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
Various Models 4.3	[GM Vortec]				115985	12	1.6
Various Models		01.83-	113212	28 20	01.83-	111108	12 1.2
						110182	12 0.9
						112323	24 5.0
						112185	12 1.2
					01.88- 01.01	112178	12 1.6
						113195	24 3.2
		01.83-	110448	28 20	01.83-	111272	12 2.2
MARINE							
Various Models			114079	14 40			
			111832	14 40		110947	12 2.0
INDUSTRY							
ME/MX SERIES Excavators	[L3E]		114079	14 40		114444	12 1.6
MM15T Excavators	[L3E]		114079	14 40		114444	12 1.6
MM20T Excavators	[L3E]		114079	14 40		114444	12 1.6
MM25T Excavators	[S3L2]		114902	14 90		110933	12 1.4
MM30T Excavators	[S3L2]		114902	14 90		110933	12 1.4
PF57QX Generator Sets	[S4S]		113401	14 40		111272	12 2.2
PG45QX Generator Sets	[S4Q2]		113401	14 40			
PG87QX Generator Sets	[S6S]		116529	14 50		116536	12 3.0
MOTORS							
Engine	[6D22.]				01.87-	112342	24 5.5
Various Models			111832	14 40		113141	12 0.8
MISCELLANEOUS							
Mini Loader						110947	12 2.0
Morris							
PASSENGER CARS EU							
Ital 1.3		07.80- 03.84	110178	14 36	07.80- 03.84	111103	12 0.8
Ital 1.7		07.80- 03.84	110178	14 36	07.80- 03.84	111103	12 0.8
Ital 2.0		07.80- 03.84	111289	14 70			
Marina 1.3		04.71- 06.75	110178	14 36	04.71- 06.75	111103	12 0.8
Marina 1.3 1300		03.78- 10.80	110178	14 36			
Marina 1.7		11.78- 06.80	110178	14 36			
Marina 1.8		04.71- 09.75	110178	14 36	04.71- 09.75	111103	12 0.8
Marina 1.8 1800		04.71- 10.75	110178	14 36	04.71- 10.75	111103	12 0.8
		10.75- 09.78	111185	14 43 A47			
Marina 1.8 1800 GT		03.75- 10.78	111185	14 43 A47			
Marina 1.8 TC		04.71- 12.75	110178	14 36	04.71- 12.75	111103	12 0.8
Mosa							
INDUSTRY							
Various Models					04.92-	112497	12 1.1 A49
					07.92-	112172	12 1.6
					01.86-	112034	12 1.7
						116624	12 1.1
Moto Guzzi							
MOTOR BIKES							
Various Models						113974	12 1.1 VA
Multicar							
PASSENGER CARS EU							
Various Models				M26, Iveco Engine		111693	12 2.5
Mustang							
INDUSTRY							
980						113924	12 1.4
2066	[4TNV98T]					114874	12 3.0
2076	[4TNV98T]					114874	12 3.0
2086	[4TNV98T]					114874	12 3.0
930A						113924	12 1.4
MTL20 Skid Steer Loader	[4JG1]		115432	14 50			
V2700	[4TNV98T]					114874	12 3.0
NANNI INDUSTRIES							
MARINE							
Various Models			116506	14 120			
New Holland							
INDUSTRY							
460 Trenchers	[V1505-E]		113856	14 40		111021	12 1.4
555 Tractor/Loader/Backhoes	[BSD442]					112074	12 3.1
560 Trenchers	[V2203-DI]		110540	14 55		112489	12 2.7
575 Tractor/Loader/Backhoes	[BSD442]					112074	12 3.1
	[BSD444]					110462	12 2.8
						110813	12 2.7
655 Tractor/Loader/Backhoes	[BSD442]					112074	12 3.1
	[BSD444]					110462	12 2.8
						110813	12 2.7
660 Trenchers	[4B3.9]		111888	14 65		113725	12 2.5
860 Trenchers	[4B3.9]		111888	14 65		113725	12 2.5
12D Wheel Loaders and Dozers	[N67ENT]		114228	14 150		114002	12 4.2
621E Wheel Loaders and Dozers	[N67ENT]		114228	14 150		114002	12 4.2
621F Wheel Loaders and Dozers	[N67ENT]		114228	14 150		114002	12 4.2
721E Wheel Loaders and Dozers	[N67ENT]		114228	14 150		114002	12 4.2
721F Wheel Loaders and Dozers	[N67ENT]		114228	14 150		114002	12 4.2
821E Wheel Loaders and Dozers	[N67ENT]		114228	14 150		114002	12 4.2
821F Wheel Loaders and Dozers	[N67ENT]		114228	14 150		114002	12 4.2
921F Wheel Loaders and Dozers	[N67ENT]		114228	14 150		114002	12 4.2
D140B Crawlers	[N67ENT]		114228	14 150		114002	12 4.2
D150B Crawlers	[N67ENT]		114228	14 150		114002	12 4.2
D180C Crawlers	[N67ENT]		114228	14 150		114002	12 4.2
E135B						115802	24 3.2
E18 Excavator						114696	12 1.2
						114444	12 1.6
E27B Excavator	[3TNV82A]				01.05-	114281	12 1.7
E30B Excavator					01.05-	114281	12 1.7
E35B Excavator	[3TNV88]				01.08-	114281	12 1.7
E70B						115802	24 3.2
E80B						115802	24 3.2
EC130	[4BT3.9]	01.00- 01.01	112160	28 75			
EC160	[4BT3.9]	01.00- 01.01	112160	28 75			
EC215	[6BTA5.9]	01.00-	112160	28 75			



F106.7 SERIES Graders	[N67ENT]		114228	14	150			114002	12	4.2
F157.7 SERIES Graders	[N67ENT]		114228	14	150			114002	12	4.2
FG 70 Graders	[6BT5.9]		111843	14	95					
FG 75 Graders	[6BT5.9]		111843	14	95					
FG 85 Graders	[6BTA5.9]		111843	14	95					
FR 140 Wheel Loaders and Dozers	[6BT5.9]		111843	14	95					
FR 180 Wheel Loaders and Dozers	[6BTA5.9]		111843	14	95					
G4010	[Kohler]							113854	12	
G4020	[Kohler]							113854	12	
L125 Skid Steer Loaders	[404D-22]		113763	14	85			115325	24	2.5
L140 1.5	[N843]		113562	14	40					
L150 1.5	[N843]		113562	14	40					
L160 2.0	[N844]		113562	14	40					
L170 5.0	[N844]		113562	14	40					
L250	[Onan]						01.84- 01.99	113141	12	0.8
L464	[Ford V5G]						01.94- 01.97	113696	12	2.0
L465	[Ford Engine]	01.94- 01.99	113562	14	40		01.94- 01.99	113696	12	2.0
L565	[N844]	01.94- 01.99	113562	14	40					
L60 2.9	[Fiat]	09.95- 12.98	114669	14	65		09.95- 12.98	113182	12	3.0
L65 3.6	[Fiat]	09.95- 12.98	114669	14	65		09.95- 12.98	113182	12	3.0
L75 3.9	[Fiat]	09.95- 12.98	114669	14	65		09.95- 12.98	113182	12	3.0
L85 3.9	[Fiat]	09.95- 12.98	114669	14	65		09.95- 12.98	112268	12	2.8
							09.95- 12.98	113182	12	3.0
L95 3.9	[Fiat]	09.95- 12.98	114669	14	65		09.95- 12.98	113182	12	3.0
LS140	[N843]		113562	14	40					
LS150	[N843]		113562	14	40					
LS160	[N844]		113562	14	40					
LS170	[N844]		113562	14	40					
LX465	[N843]	01.94- 01.99	113562	14	40					
LX485	[N843]	01.94- 01.99	113562	14	40					
LX565	[N844]	01.94- 01.99	113562	14	40		01.94- 01.99	113696	12	2.0
LX665	[N844]	01.94- 01.99	113562	14	40		01.94- 01.99	113696	12	2.0
MAXI-SNEAKER Trenchers	[V1505-E]		113856	14	40			111021	12	1.4
P240 Irrigation Sets	[N67ENT]		114228	14	150			114002	12	4.2
RG140B Graders	[N67ENT]		114228	14	150			114002	12	4.2
RG170B Graders	[N67ENT]		114228	14	150			114002	12	4.2
RG200B Graders	[N67ENT]		114228	14	150			114002	12	4.2
S215 Irrigation Sets	[N67ENT]		114228	14	150			114002	12	4.2
S240 Irrigation Sets	[N67ENT]		114228	14	150			114002	12	4.2
Various Models			113497	28	35			114021	12	3.0
			114759	14	55			114281	12	1.7
			116010	14	95			114224	12	2.7
			116575	14	50			114196	24	4.0
W130 Wheel Loaders and Dozers	[N67ENT]		114228	14	150			114002	12	4.2
W170B Wheel Loaders and Dozers	[N67ENT]		114228	14	150			114002	12	4.2
W190B Wheel Loaders and Dozers	[N67ENT]		114228	14	150			114002	12	4.2
Zero Turn Mower	[Kohler]							114075	12	
Nissan										
PASSENGER CARS EU										
100NX 1.6	(B13)[GA16DE]	10.92-	110631	14	70		10.92- 10.92-	111608	12	1.4
	(B13)[GA16DS]	10.90- 10.92	110631	14	70		AT 10.90- 10.92	111459	12	1.2
							10.90- 10.92	111312	12	0.8
280ZX 2.8	(HGS130)[L28E]	10.78- 06.83	110458	14	60					
	(HGS133)	02.80- 09.82	110458	14	60					
Almera 1.4	(N15)[GA14DE]	07.95-	111704	14	70		A13 07.95- 07.95-	111459	12	1.2
								111312	12	0.8
Almera 1.5 DCi	(N16)[K9K722]	01.03- 11.06	113940	14	110 A47		01.03- 11.06	113267	12	0.7
							01.03- 11.06	113323	12	1.7
							01.03-	113927	12	1.4
Almera 1.5	(N16)[QG15DE]	07.00-	113317	14	80		07.00-	113319	12	2.2
Almera 1.6	(N15)[GA16DE]	07.95-	111704	14	70		07.95-	111312	12	0.8
Almera 1.6 SLX	(N15)[GA16DE]	07.95-	111704	14	70		07.95-	111312	12	0.8
Almera 1.8	(N16)[QG18DE]	03.01-	113317	14	80		03.01- 10.02-	113319	12	2.2
								111312	12	0.8
Almera 2.0 Diesel	(N15)[CD20]	07.95- 04.96	111294	14	70		07.95- 04.96	110575	12	2.0
		11.95- 03.00	113788	14	80		11.95- 03.00	113323	12	1.7
							11.95- 07.00	113927	12	1.4
Almera 2.2 DCi	(N16)[YD22DDT]	09.03-	113440	14	100		09.03-	113267	12	0.7
	(N16E)	09.03-	113440	14	100		09.03-	113267	12	0.7
Almera 2.2 Diesel Di	(N16)[YD22DDT]	07.00-	113324	14	90		07.00-	113267	12	0.7
		07.00-	113440	14	100					
	(N16E)	03.00-	113440	14	100		03.00-	113267	12	0.7
Almera Tino 1.8 i	(V10M)[QG18DE]	08.00-	113317	14	80		08.00-	111459	12	1.2
Almera Tino 2.2 DCi	(V10)[YD22DDT]	09.03-	113440	14	100		09.03- 09.03-	113267	12	0.7
								113319	12	2.2
							6 Speed 07.04-	113323	12	1.7
Almera Tino 2.2 Diesel Di	(V10)[YD22DDT]	08.00-	113440	14	100		08.00-	113267	12	0.7
Bluebird 1.6	[CA16S]	03.86- 06.91	110968	14	70					
		03.86- 06.91	111355	14	65	Change pulley				
Bluebird 1.8	(910)[L18S]	01.80- 05.84	110168	14	50					
		01.80- 05.84	110307	14	60					
		01.80- 12.83	110458	14	60					
	(W910)	01.80- 05.84	110168	14	50					
		01.80- 05.84	110307	14	60					
		01.80- 05.84	110458	14	60					
	(910)[L18T]	01.80- 05.84	110168	14	50					
		01.80- 05.84	110307	14	60					
		01.80- 05.84	110458	14	60					
Bluebird 2.0 i	(910)[Z20E]	01.82- 05.84	110168	14	50					
		01.82- 05.84	110307	14	60					
		01.82- 05.84	110458	14	60					
Cabstar 2.5 Diesel	(F23, H41, H42)[TD25]	01.92- 12.00	110701	14	50		01.92- 12.00	110574	12	2.0
Cherry 1.0	(N10)[A10S]	08.78- 07.81	110307	14	60					
		03.79- 07.81	110128	14	35					
		08.81- 06.82	110168	14	50					
	(N12)[E10]	05.82- 05.86	110168	14	50					
		05.82- 05.86	110264	14	40					
Cherry 1.2	(N10)[A12]	01.70- 07.81	110128	14	35					
		08.78- 07.81	110307	14	60					



NISSAN Continued

	(VN10)	10.78- 05.82	110128	14	35			
		10.78- 07.81	110307	14	60			
Cherry 1.3	(N10)[E13]	08.81- 09.82	110307	14	60			
		09.81- 08.86	110168	14	50			
	(N12)	05.82- 10.86	110168	14	50			
		05.82- 10.86	110264	14	40			
		05.82- 10.86	110307	14	60			
	(VN10)	09.81- 12.83	110168	14	50			
		09.81- 08.86	110307	14	60			
Cherry 1.4	(N10)[A14S]	08.80- 07.81	110307	14	60			
		08.81- 03.82	110168	14	50			
	(VN10)	07.81- 04.82	110168	14	50			
Cherry 1.4 i.e.	(N10)[A14S]	08.80- 07.81	110307	14	60			
		07.81- 04.82	110168	14	50			
Cherry 1.5	(N10)[E15]	01.79- 12.82	110168	14	50			
	(N12)[E15S]	11.83- 10.86	110168	14	50			
		11.83- 10.86	110264	14	40			
		11.83- 10.86	110307	14	60			
Cherry 1.5 Turbo	(N12)[E15ET]	01.83- 12.85	110458	14	60			
		07.83- 12.85	110307	14	60			
Cube 1.5 DCi	(Z12)[K9K]	03.10-	114354	14	150	03.10-	113897	12 1.4
Cube 1.6 16V	(Z12)[HR16DE]					03.10-	115361	12 1.0
D22 2.4	[KA24DE]					11.01- 04.05	112368	12 1.4
Dualis 1.6 LPG LPG	(J10, NJ10)[HR16DE]	11.10- 12.13	115811	14	150	11.10- 12.13	115341	12 1.0
						A25 11.10- 12.13	116253	12 1.4
Dualis 2.0 4x4	(J10, NJ10)	01.10- 04.14	115705	14	110	01.10- 04.14	115361	12 1.0
Interstar 1.9 DCi	[F9Q772]	07.02-	113248	14	120	07.02-	112474	12 1.8
		07.02-	113248	14	120	07.02-	112475	12 2.1
Interstar 2.2 DCi	[G9T722]	AC 07.02-	112471	14	125	07.02-	112474	12 1.8
		07.02-	112471	14	125	07.02-	112475	12 2.1
		07.02-	113245	14	125			
		07.02-	113837	14	150			
Interstar 2.5 DCi	(X70)[G9U632]	09.06-	113837	14	150			
		09.06-	114700	14	150			
	(X70)[G9U650]	07.02-	113245	14	125	07.02-	114032	12 2.5
		07.02-	113837	14	150			
		09.06-	114700	14	150			
	(X70)[G9U720]	11.03-	113248	14	120	07.02-	112475	12 2.1
		07.02-	112471	14	125	07.02-	114032	12 2.5
		07.02-	113245	14	125			
		07.02-	113837	14	150			
Interstar 2.5 DCi 100	[G9U720]	11.03-	112471	14	125	11.03-	112475	12 2.1
		11.03-	113245	14	125	11.03-	114032	12 2.5
		11.03-	113248	14	120			
		11.03-	113837	14	150			
Interstar 2.5 DCi 120	[G9U650]	08.06-	113837	14	150			
		08.06-	114700	14	150			
Interstar 2.5 DCi 150	[G9U632]	08.06-	113837	14	150			
		08.06-	114700	14	150			
Interstar 3.0 DCi 140	[ZD30]	11.03-	113993	14	135			
		11.03-	115317	14	120			
Juke 1.5 DCi	[K9K ..]	06.10-	114354	14	150	06.10-	113897	12 1.4
		06.10-	116395	14	150	06.10-	116367	12 1.7
	(F15)[K9K636]	06.10-	113920	28	35	06.10-	113897	12 1.4
		06.10-	114354	14	150	06.10-	115361	12 1.0
		06.10-	116395	14	150	A25 06.10-	116253	12 1.4
Juke 1.6 LPG	(F15)[HR16DE]	01.12-	116009	14	110	01.12-	115341	12 1.0
		A25 01.12-	115811	14	150	01.12-	115361	12 1.0
Juke 1.6	(F15)[HR16DE]	07.18-	116009	14	110	07.18-	115341	12 1.0
		A25 07.18-	115811	14	150	07.18-	115361	12 1.0
	[MR16DDT]	06.10-	116680	14	110	A25 06.10-	116253	12 1.4
Juke 1.6 4x4	[MR16DDT]	06.10-	116680	14	110	A25 06.10-	116253	12 1.4
Juke 1.6 CVTC CVTC	(F15)	A25 08.14-	115811	14	150	A25 08.14-	115361	12 1.0
	(F15)	08.14-	116009	14	110	08.14-	115341	12 1.0
Juke 1.6 Diesel 4x4	(F15)[MR16DDT]	02.13- 07.14	116680	14	110			
Juke 1.6 DiG-T	[MR16DDT]	03.13- 07.14	116680	14	110	A25 03.13- 07.14	116253	12 1.4
Juke 1.6 DiG-T 4x4	(F15)[MR16DDT]	08.14-	116680	14	110			
Juke 1.6 DiG-T NISMO RS	(F15)[MR16DDT]	08.14-	116680	14	110			
Juke 1.6	(F15)[HR16DE]	03.13-	116009	14	110	03.13-	115341	12 1.0
		A25 03.13-	115811	14	150			
	(F15)[MR16DDT]	03.13-	116680	14	110			
King Cab 1.6	(FG21)[Z16]	01.89-	110168	14	50	01.89-	110719	12 2.0
King Cab 2.0	(D21)[Z20]	09.85- 02.98	110168	14	50	09.85- 02.98	110574	12 2.0
		09.85- 02.98	110307	14	60	01.89-	110386	12 1.9
	(FG21)	01.89-	110168	14	50			
King Cab 2.2 Diesel	(Z20)[SD22]	12.81- 08.85	110694	14	40			
King Cab 2.3 Diesel	(Z20)[SD23]	01.83- 05.85	110694	14	40			
	(D21)	06.85- 08.87	110707	14	60			
		06.85- 08.87	116106	14	40/70			
King Cab 2.4 Diesel	(D21)[Z24]	09.85- 04.92	110168	14	50	09.85- 04.92	111485	12 1.2
		09.85- 04.92	110307	14	60			
King Cab 2.4 i 4WD	(D21)[Z24i]	03.86- 04.92	110307	14	60	03.86- 04.92	111485	12 1.2
		04.92-	111980	14	70			
King Cab 2.7 TD 4WD	(D21)[TD27]	08.87-	110700	14	50			
		08.87- 02.98	113383	14	60			
King Van 2.0	(E24)[Z20]	11.86- 01.95	110264	14	40	11.86- 01.95	111805	12 2.5
		02.87- 03.89	110307	14	60	12.88- 10.93	110277	12 0.8
		12.88- 10.93	110168	14	50			
King Van 2.3 Diesel	(E24)[TD23]	11.86- 03.89	110701	14	50			
		02.87- 12.88	112093	14	70			
King Van 2.5 TD	(E24)[TD25]	12.88- 07.94	110701	14	50			
		12.88- 07.94	112093	14	70			
King Vanette 1.5	(GC22)[A15S]	09.86- 07.95	110168	14	50	09.86- 07.95	110277	12 0.8
		09.86- 07.95	110307	14	60			
King Vanette 2.0	(GC22)[Z20S]	09.86-	110168	14	50	09.86-	110142	12 1.0
		09.86-	110307	14	60			
Kubistar 1.4	(X76)[K7J700]	08.03- 10.09	112199	14	75	08.03- 10.09	113897	12 1.4
Kubistar 1.5 DCI	(X76)[K9K710]	08.03- 10.09	112457	14	110	08.03- 10.09	113897	12 1.4
		08.03- 10.09	114673	14	120			
		08.03- 10.09	116325	14	125			



	(X76)[K9K714]	08.03- 10.09	112457	14 110	08.03- 10.09	113897	12 1.4
		08.03- 10.09	114673	14 120			
		08.03- 10.09	116325	14 125			
Kubistar 1.5 DCi X76	(FC08)[K9K702]	08.03- 08.03- 08.03-	113862 114673 116325	14 125 A49 14 120 14 125	08.03-	113927	12 1.4
	(FC07)[K9K704]	08.03- 08.03- 08.03-	113862 114673 116325	14 125 A49 14 120 14 125	08.03- 08.03-	113897 113927	12 1.4 12 1.4
	(FC08)[K9K710]	08.03- 08.03- 08.03-	113862 114673 116325	14 125 A49 14 120 14 125	08.03-	113927	12 1.4
	(FC09)	08.05- 08.05- 08.05-	112457 113862 114673 116325	14 110 14 125 A49 14 120 14 125	08.05- 08.05-	113927	12 1.4
	(FC09)[K9K714]	08.05- 08.05- 08.05-	112457 113862 114673 116325	14 110 14 125 A49 14 120 14 125	08.05- 08.05-	113897 113927	12 1.4 12 1.4
	(FC08)[K9K718]	08.03- 08.03- 08.03-	113862 114673 116325	14 125 A49 14 120 14 125	08.03- 08.03-	113927 113932	12 1.4 12 0.85
	(FC08)[K9K722]	08.03- 08.03- 08.03-	113862 114673 116325	14 125 A49 14 120 14 125	08.03- 08.03-	113927 115442	12 1.4 12 0.8
Kubistar 1.6 16V X76	[K4M752]	08.03- 08.03-	112144 112199	14 98 14 75	08.03- 08.03-	113897 112218	12 1.4 12 1.0
Laurel 2.0	(C230)[L20A] (C31)	03.77- 03.85 01.81- 01.84	110458 110458	14 60 14 60	03.77- 03.85 01.81- 01.84	110277 110277	12 0.8 12 0.8
Laurel 2.4	(C230)[L24] (C31) (C32)[L24E] (C32)[L24S]	12.77- 05.83 01.81- 01.84 01.85- 12.87 01.85- 12.87	110458 110458 110458 110458	14 60 14 60 14 60 14 60	12.77- 05.83 01.81- 01.84 01.85- 12.87 A13 01.85- 12.87 A13 01.85- 12.87	110277 110277 110277 110280 110277 110280	12 0.8 12 0.8 12 0.8 12 1.2 12 0.8 12 1.2
Laurel 2.8 Diesel	(C32)[RD28]				02.87- 12.89	111445	12 2.0
March 1.2 LPG LPG	(K13)[HR12DE]	05.10-	115316	14 100	05.10-	115426	12 1.0
Maxima 2.0	(A32)[VQ20DE]	AC 10.94-	111381	14 110	10.94-	111382	12 1.4
Maxima 2.5	(J32)[VQ25DE]	08.13- 12.13	116646	14 130			
Maxima QX 2.0	(A32)[VQ20DE]	AC 02.95-	111381	14 110	02.95-	111382	12 1.4
Maxima QX 2.5 V6 24V	(A33)[VQ25DE]				03.00-	111492	12 1.4
Maxima QX 3.0	(A32)[VQ30DE]				10.94- 12.96	111382	12 1.4
		AC 10.94- 12.96	111381	14 110			
Maxima QX 3.0 V6 24V	(A33)[VQ30DE]				03.00-	111382	12 1.4
Micra 1.0	(K10)[MA10S]	12.82- 05.89	110168	14 50	12.82- 05.89	111029	12 1.4
		12.82- 05.89	110264	14 40	AT 12.82- 12.89	111728	12 1.4
		12.82- 05.89	110307	14 60	12.82- 10.88	113644	12 1.2
Micra 1.0 16V	(K12)[CG10DE]	01.03- 06.10 01.03- 06.10	114877 115531	14 80 14 80			
Micra 1.0 i 16V	(K11)[CG10DE]	09.00- 02.03 08.92- 05.96	113697 111280	14 65 14 65	09.00- 02.03 08.92- 05.96	115426 113644	12 1.0 12 1.2
Micra 1.2	(K13)[HR12DDR] (K13)[HR12DE] (K10)[MA12S]	04.11- 05.10- 07.86- 07.92	116033 115316 110168	14 150 14 100 14 50	AT 05.10- AT 07.86- 07.92	114199 111728	12 0.7 12 1.4
Micra 1.2 16V	(K12)[CG12DE] (K12)[CR12DE]	01.03- 06.10 01.03- 06.10 01.03- 06.10 01.03- 06.10 05.06-	114877 114877 115531 114877 114293	14 80 14 80 14 80 14 80 14 80	A34 01.03- 06.10 05.06- 05.06-	114199 115361 115426	12 0.7 12 1.0 12 1.0
Micra 1.2 LPG	(K12)[CR12DE]	06.05- 06.10	114293	14 80	06.05- 06.10	114199	12 0.7
Micra 1.2	(K13KK)[HR12DE]	01.13-	115316	14 100	01.13-	115522	12 0.7
Micra 1.3 i 16V	(K11E)[CG13DE]	08.92- 05.96	111280	14 65	08.92- 05.96	113897	12 1.4
Micra 1.4 16V	(K12)[CR14DE] (K12E)	01.03- 06.10 05.06- 08.05- 05.06-	115531 114293 115531 114293	14 80 14 80 14 80 14 80	05.06- AT 05.06-	115361 114199	12 1.0 12 0.7
Micra 1.4 i 16V	(K11)[CGA3DE]	09.00- 02.03	113697	14 65	09.00- 02.03	115426	12 1.0
Micra 1.5 DCi	(K12)[K9K276] (K14)[K9K628] (K12)[K9K704] (K12)[K9K722]	01.03- 06.05- 06.10 12.16- 01.03- 06.10 01.03- 09.07 09.03- 06.10 09.03-	114354 114673 113940 113920 113940 114673	14 150 14 120 14 110 A49 28 35 14 110 A47 14 120 14 110 A47 14 120	01.03- 06.05- 06.10 12.16- 01.03- 06.10 01.03- 09.07 09.03- 06.10 09.03-	114199 115426 113897 113927 113927 114199	12 0.7 12 1.0 12 1.4 12 0.7 12 1.4 12 0.7
Micra 1.6 160 SR	(K12)[HR16DE]	05.05-	115548	14 120			
Murano 2.5 4x4	(Z51)[YD25DDTi]	01.10-	115703	14 150			
Murano 2.5 DCi 4x4	(Z51)[YD25DDTi]	03.13- 09.14	115703	14 150			
Murano 3.5	(Z51)[VQ35DE]	11.07-	116646	14 130			
Murano 3.5 4WD	(Z50)[VQ35DE]	08.03-	111381	14 110	08.03-	115727	12 2.2
Murano 3.5 4x4	(Z51)[VQ35DE]	11.07-	116646	14 130			
Murano 3.5 4x4	(Z51)[VQ35DE]	03.13- 09.14	116646	14 130			
Navara 2.5 DCi	(D40)[YD25DDTi]	07.05- 07.05- 03.10-	114244 114803 115703	14 130 14 150 14 150	07.05- 07.05- 03.10-	114232 115949 115727	12 2.0 12 2.2 12 2.2
Navara 2.5 DCi 4WD	(D40)[YD25DDTi]	10.06- 10.06- 12.09-	114244 114803 115703	14 130 14 150 14 150	07.05- 10.06- 10.06-	115949 114232 115727	12 2.2 12 2.0 12 2.2
Note 1.4	(E11)[CR14DE]	03.06- 05.06-	115531 114293	14 80 14 80	03.06- 05.06-	114199 113897	12 0.7 12 1.4
Note 1.4 LPG LPG	(E11, NE11)[CR14DE]	01.06- 08.13 01.06- 08.13	114293 115531	14 80 14 80	01.06- 08.13 01.06- 08.13	113897 114199	12 1.4 12 0.7
Note 1.5 DCi	(E11)[K9K276]	01.11- 09.12 01.11- 09.12	113920 114354	28 35 14 150	01.11- 09.12 01.11- 09.12 03.06-	113644 115426 113897	12 1.2 12 1.0 12 1.4
	(E11)[K9K292]	07.08-	114354	14 150	07.08-	113897	12 1.4



NISSAN Continued

	[K9K700]	03.06-	114354	14	150		03.06-	113897	12	1.4
	[K9K892]	06.13-	116395	14	150					
Note 1.6	[HR16DE]	03.06-	115548	14	120		03.06-	115361	12	1.0
NP 300 2.5 DCi	[YD25DDTi]	04.08-	115550	14	90					
NP 300 2.5 DCi 4x4	[YD25DDTi]	04.08-	115550	14	90		04.08-	113964	12	2.2
NV 200 1.5 DCi	(M20)[K9K]	02.10-	113940	14	110 A49		02.10-	113897	12	1.4
		02.10-	114354	14	150					
	[K9K400]	02.10-	113940	14	110 A49		02.10-	113897	12	1.4
		02.10-	114354	14	150					
	[K9K608]	02.10-	113940	14	110 A49		02.10-	113897	12	1.4
		02.10-	114354	14	150					
	[K9K628]	02.10-	113940	14	110 A49		02.10-	113897	12	1.4
		02.10-	114354	14	150					
	[K9K636]	04.11-	114354	14	150		04.11-	115361	12	1.0
	[K9K646]	04.11-	114354	14	150		04.11-	115361	12	1.0
	[K9K892]	04.11-	113940	14	110 A47		04.11-	113897	12	1.4
		04.11-	116048	14	110					
		04.11-	116395	14	150					
NV 200 1.6 16V	(M20)[HR16DE]	02.10-	115548	14	120					
NV 200 Evalia 1.5 DCi	[K9K636]	04.11-	114354	14	150		04.11-	113897	12	1.4
	[K9K646]	04.11-	114354	14	150		04.11-	113897	12	1.4
	[K9K892]	04.11-	113940	14	110 A47		04.11-	113897	12	1.4
		04.11-	116048	14	110					
		01.13-	116395	14	150					
NV 400 2.3 DCi	(X62)[M9T670]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
	(X62)[M9T672]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
	(X62)[M9T676]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
	[M9T678]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
	[M9T680]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
	[M9T686]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
	[M9T690]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
	[M9T692]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
	[M9T694]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
	[M9T696]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
	[M9T698]	11.11-	114826	14	185 A49		11.11-	114074	12	2.2
		11.11-	116324	14	185					
NV400 2.3 DCi 130	[M9T]	06.16-	114826	14	185 A49		06.16-	114074	12	2.2
		06.16-	116324	14	185					
NV400 2.3 DCi 170	[M9T]	06.16-	114826	14	185 A49		06.16-	114074	12	2.2
		06.16-	116324	14	185					
NV400 2.3 DCi 180	(X62, X62B)[M9T716]	01.20-	114826	14	185 A49		01.20-	116287	12	2.2
		01.20-	116324	14	185					
NV400 Bus 2.3 DCi 180	(X62, X62B)[M9T716]	01.20-	116324	14	185		01.20-	116287	12	2.2
Pathfinder 2.5 DCi	(R51)[YD25DDTi]	08.10-	115703	14	150		08.10-	115727	12	2.2
Pathfinder 2.5 DCi 4WD	(R51)[YD25DDTi]	03.05-	114244	14	130		03.05-	110574	12	2.0
		03.05-	114803	14	150		03.05-	114232	12	2.0
		03.05-	115703	14	150		03.05-	115949	12	2.2
Pathfinder 2.5 DCi 4X4 R51M	(R51)[YD25DDTi]	03.13- 08.14	115703	14	150		03.13- 08.14	115727	12	2.2
Pathfinder 3.0 DCi	(R51)[V9X]	08.10-	116031	14	150		08.10-	115727	12	2.2
Patrol 2.8 TD	(260)[RD28T]	04.89- 11.92	112329	14	70 BO					
		09.90- 11.90	111747	14	70 VP					
		12.92-	112207	14	70 VP					
	(Y60)	09.88- 08.95	111747	14	70 VP					
		04.89- 11.92	112329	14	70					
		12.92-	112207	14	70 BO					
	[RD28Ti]	06.97-	112359	14	100					
Patrol 2.8	(160)[L28]	07.80- 08.88	110458	14	60		07.80- 08.88	110280	12	1.2
	(260)	05.86- 06.90	110458	14	60		05.86- 06.90	110280	12	1.2
		05.86- 06.90	111614	28	35		05.86- 06.90	111445	12	2.0
Patrol 3.2 Diesel	(W260)[SD33T]	08.88- 06.90	110567	28	25		08.88- 06.90	111558	24	3.5
		08.88- 06.90	111614	28	35		08.88- 06.90	111445	12	2.0
Patrol 3.2 TD	(160)[SD33T]	07.83- 08.88	110567	28	25		07.83- 08.88	111558	24	3.5
		07.83- 08.88	111614	28	35		07.83- 08.88	111445	12	2.0
							07.83- 08.88	113191	24	3.5
Patrol 3.3 Diesel	(160)[SD33]	11.79- 08.88	110567	28	25		11.79- 08.88	110280	12	1.2
		11.79- 08.88	111614	28	35		11.79- 08.88	111558	24	3.5
							11.79- 08.88	111445	12	2.0 HI
Patrol GR 3.0 DTi	(Y61)[ZD30DDTi]	05.00-	113787	14	90		05.00-	114764	12	2.5
						A13	05.00-	114875	12	2.8
Pick-Up 1.8	(720)[L18]	12.81- 03.86	110168	14	50		12.81- 03.86	110719	12	2.0
		01.83- 03.86	110307	14	60		01.83- 03.86	110574	12	2.0
Pick-Up 2.0	(D21)[Z20]	04.83- 08.93	110168	14	50		04.83- 08.93	110574	12	2.0
Pick-Up 2.2 4WD	(720)[Z22]	04.83- 03.86	110168	14	50		04.83- 03.86	110574	12	2.0
		04.83- 03.86	110307	14	60					
		04.83- 03.86	110458	14	60					
Pick-Up 2.3 Diesel	(720)[SD23]	VP	04.83- 03.86	110694	14	40	04.83- 03.86	110386	12	1.9
	(D21)	VP	09.85- 08.88	110707	14	60				
		VP	09.85- 08.88	116106	14	40/70				
Pick-Up 2.4 4WD	(D21)[Z24]	09.85- 04.92	110168	14	50		09.85- 04.92	110574	12	2.0
Pick-Up 2.5 Diesel	(D21)[TD25]	08.87- 02.98	111316	14	60					
	(D22)	02.98- 11.01	113383	14	60					
Pick-Up 2.5 Diesel 4WD	(720)[SD25]	01.83- 03.86	110694	14	40		01.83- 03.86	112368	12	1.4
	(D21)	09.85- 08.88	110707	14	60		03.86- 08.91	113964	12	2.2
		09.85- 08.88	116106	14	40/70					
	(D21)[TD25]	08.87- 03.96	110700	14	50		08.87- 03.96	111805	12	2.5
		08.87- 03.96	111316	14	60					
	(D22)	02.98-	113383	14	60					
Pick-Up 2.5 TD	(D22)[YD25DDTi]	03.02-	113324	14	90	Change pulley				
		03.02-	115550	14	90					



Pick-Up 2.5 TD 4WD	(D22)[TD25Ti]	01.01-05.98-	113324	14 90				
			113383	14 60				
Pixo 1.0	(UA0)[K10B]	06.09-	115868	14 70	06.09-	114761	12 1.0	
Pixo 1.0 LPG LPG	(UA0)[K10B]	06.09-	115868	14 70	06.09-	114761	12 1.0	
Prairie 1.5 S	(M10)[E15S]	01.83- 12.87	110168	14 50	01.83- 12.87	110278	12 0.8	
		01.84- 12.87	110307	14 60				
Primastar 1.9 DCi	[F9Q760]	03.01-	113248	14 120	03.01-	112474	12 1.8	
		AC 03.01-	112471	14 125				
	[F9Q762]	03.01-	113248	14 120	03.01-	112474	12 1.8	
		AC 03.01-	112471	14 125				
Primastar 1.9 DCi 80	(X83)	07.02- 08.06	113248	14 120				
	(X83)	07.02- 08.06	112471	14 125	07.02- 08.06	112475	12 2.1	
Primastar 2.0 DCi	(X83)[M9R780]	09.06-	114509	14 150				
	(X83)[M9R782]	09.06-	114509	14 150				
Primastar 2.0	(X83)[F4R720]	03.01-	114122	14 150	03.01- 12.02	114814	12 0.9	
		07.02- 08.06	113245	14 125	07.02- 12.02	112475	12 2.1	
	[F4R722]	03.01- 12.02	113245	14 125	03.01- 12.02	112475	12 2.1	
		03.01-	114122	14 150				
	(X83)[F4R820]	04.06-	113245	14 125				
Primastar 2.5 DCi	(X83)[G9U630]	09.06-	113837	14 150				
	(X83)[G9U632]	09.06-	113837	14 150				
	[G9U730]	09.03-	112471	14 125	09.03-	112474	12 1.8	
		09.03-	113245	14 125	09.03-	112475	12 2.1	
		09.03-	113248	14 120	09.03-	114814	12 0.9	
		09.06-	113837	14 150				
Primastar 2.5 DCi 140	(X83)	07.02- 08.06	113245	14 125				
	(X83)	07.02- 08.06	112471	14 125	07.02- 08.06	112475	12 2.1	
Primastar 2.5 DCi 150	(X83)[G9U630]	04.06-	112471	14 125	04.06-	112475	12 2.1	
		04.06-	113245	14 125				
		04.06-	113837	14 150				
		04.06-	114700	14 150				
Primera 1.6	[GA16DE]	06.93- 01.96	111361	14 67	06.93- 01.96	110575	12 2.0	
	(P10)[GA16DS]	06.90- 05.93	111361	14 67	06.90- 05.93	111303	12 0.8	
					06.90- 06.96	110575	12 2.0	
	(P12)[QG16DE]	AC 03.02-	113317	14 80	03.02-	111608	12 1.4	
Primera 1.6 Visia	(WP12)[QG16DE]	01.02-	113317	14 80	01.02-	111608	12 1.4	
Primera 1.6 16V	(P11)[QG16DE]	09.00-	113317	14 80	A13 09.00-	111459	12 1.2	
					09.00- 12.01	113267	12 0.7	
Primera 1.6 i	(W10)[GA16DE]	04.93- 07.94	110631	14 70	04.93- 07.94	111303	12 0.8	
		07.94-	111704	14 70	07.94-	110575	12 2.0	
	(W10)[GA16DS]	07.90- 04.93	110631	14 70	07.90- 04.93	111303	12 0.8	
Primera 1.6 LPG LPG	(P11)				A42 09.00- 07.02	113267	12 0.7	
Primera 1.8 16V LPG	(WP11)[QG18DE]	08.99- 12.01	113317	14 80	08.99- 12.01	111608	12 1.4	
					A42 08.99- 12.01	113267	12 0.7	
	(P11)	08.99- 07.02	113317	14 80	08.99- 07.02	111608	12 1.4	
Primera 1.8 LPG LPG	(P12)[QG18DE]	03.02-	113317	14 80	03.02-	111608	12 1.4	
					A42 03.02-	113267	12 0.7	
Primera 1.8	(P12)[QG18DE]	07.02-	113317	14 80	A13 07.02-	111459	12 1.2	
					07.02-	113267	12 0.7	
		AC			03.02-	111608	12 1.4	
	(WP12)	AC 03.02-	113317	14 80	03.02-	111608	12 1.4	
Primera 1.8 16V	(P11)[QG18DE]	08.99-	113317	14 80	A13 08.99-	111459	12 1.2	
					08.99-	111608	12 1.4	
					A13 08.99-	113267	12 0.7	
Primera 1.9 DCi	(P12)[F9Q]	04.03-	113919	14 125	A13 04.03-	111459	12 1.2	
	(WP12)	04.03-	113919	14 125	A13 04.03-	111459	12 1.2	
Primera 2.0 Diesel	(P10)[CD20]	01.91- 01.96	111294	14 70	01.91- 01.96	111303	12 0.8	
	(W10)	07.90- 12.95	111294	14 70	07.90- 12.95	111303	12 0.8	
Primera 2.0 TD	(P11)[CD20T]	09.96- 07.02	112351	14 90	09.96- 07.02	110575	12 2.0	
				14 90	09.96-	111608	12 1.4	
Primera 2.0	(P12)[QR20DE]	12.01-	113316	14 110	12.01-	111608	12 1.4	
					03.02-	116565	12 1.4	
	(WP12)	12.01-	113316	14 110	12.01-	111608	12 1.4	
					03.02-	116565	12 1.4	
Primera 2.2 DCi	(P12)[YD22DDT]				01.03-	113323	12 1.7	
		04.03-	114489	14 110	A42 04.03-	113267	12 0.7	
	(WP12)				01.03-	113323	12 1.7	
		04.03-	114489	14 110	04.03-	113267	12 0.7	
Primera 2.2 Diesel Di	(P12)[YD22DDT]	03.02-	114489	14 110	A13 03.02-	111459	12 1.2	
					03.02-	113323	12 1.7	
					07.02-	113267	12 0.7	
	(WP12)	03.02-	114489	14 110	03.02-	113267	12 0.7	
					03.02-	113323	12 1.7	
Pulsar 1.2 DIG-T	(C13)[HR12DDT]	10.14-	116225	14 150	10.14-	113897	12 1.4	
Pulsar 1.5 DCi	(C13)[K9K636]	10.14-	116381	14 150				
Qashqai 1.2	[HR12DDT]	02.14-	116225	14 150				
Qashqai 1.3 DIG-T	(J11, J11, J12)[HR13DDT]	08.18-	116225	14 150				
Qashqai 1.3	(J11, J11, J12)[HR13DDT]	10.20-	116225	14 150				
Qashqai 1.5 DCi	(J10, J110)[K9K410]	07.08-	114354	14 150	07.08-	114074	12 2.2	
	(J10, J110)[K9K430]	11.10-	114354	14 150	11.10-	114074	12 2.2	
	(J11E)[K9K636]	02.14-	116381	14 150				
	(J11, J12)[K9K646]	05.15-	116381	14 150				
	(J10, J110)[K9K732]	02.07-	114354	14 150	02.07-	114074	12 2.2	
	(J10, J110)[K9K764]	02.07-	114354	14 150	02.07-	114074	12 2.2	
	(J11, J12)[K9K872]	06.18-	116381	14 150				
Qashqai 1.6 DCi	(J10, J110)[R9M]	10.11- 12.13	115519	14 150	10.11- 12.13	115341	12 1.0	
		02.14-	116225	14 150				
Qashqai 1.6 DCi 4x4	(J10, J110)[R9M]	10.11- 12.13	115519	14 150	10.11- 12.13	115341	12 1.0	
		02.14-	116225	14 150	02.14-	115829	12 2.0	
Qashqai 1.6	(J10, J110)[HR16DE]	11.10-	115811	14 150	11.10-	115829	12 2.0	
					02.07-	116277	12 0.9	
Qashqai 2.0 DCi	[M1D]	02.07-	114842	14 150	02.07-	113897	12 1.4	
		02.07-	115519	14 150	02.07-	116375	12 1.7	
	[M9R]	02.07- 12.13	115519	14 150	02.07- 12.13	115361	12 1.0	
Qashqai 2.0 DCi 4WD	[M1D]	02.07-	114842	14 150	02.07-	113897	12 1.4	
		02.07- 12.13	115519	14 150	02.07- 12.13	116375	12 1.7	
	[M9R]	02.07- 12.13	115519	14 150	02.07- 12.13	115361	12 1.0	
Qashqai 2.0	(J10, JJ10)[MR20DE]	EU5 01.10-	115705	14 110	01.10-	113897	12 1.4	


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Qashqai 2.0 4x4	(J10, JJ10)[MR20DE]	EU5 01.10-	115705	14	110	01.10-	113897	12	1.4
Qashqai / Qashqai +2 1.5 DCI	(J10, JJ10E)[K9K]	03.13- 04.14	113920	28	35	03.13- 04.14	114074	12	2.2
		03.13- 04.14	114354	14	150	03.13- 04.14	113897	12	1.4
Qashqai / Qashqai +2 1.6 DCI	(J10, JJ10E)[R9M]	03.13- 04.14	115519	14	150	03.13- 04.14	115341	12	1.0
Qashqai / Qashqai +2 1.6 DCI 4x4	(J10, JJ10E)[R9M]	03.13- 04.14	115519	14	150	A25 03.13- 04.14	116253	12	1.4
Qashqai / Qashqai +2 1.6 CVTC	(J10, JJ10E)[HR16DE]	03.13- 04.14	115811	14	150	03.13- 04.14	115829	12	2.0
Qashqai / Qashqai +2 2.0 DCI 4x4	(J10, JJ10E)[M9R]	03.13- 04.14	115519	14	150	03.13- 04.14	115829	12	2.0
Qashqai / Qashqai +2 2.0	(J10, JJ10E)[MR20DE]	03.13- 04.14	115705	14	110	03.13- 04.14	115361	12	1.0
Rogue 2.5 4x4	(T32-)[QR25DE]	10.14-	113316	14	110				
Rogue Sport 1.5 DCI	(J11, J11-)[K9K872]	06.18-	116381	14	150	06.18-	116375	12	1.7
Rogue/Rogue Select 2.5 AWD	[QR25DE]	01.10- 11.13	113316	14	110				
Serena 2.0 Diesel	(C23M)[LD20]	11.92-	111812	14	90	11.92-	114318	12	2.2
Serena 2.3 Diesel	(C23M)[LD23]	07.92- 01.95-	111812 113786	14 90	VP	07.92- 01.95-	111728 114318	12 2.2	1.4
Serena Van 1.6	(C23)[GA16DE]	02.93- 06.01	113786	14	90	02.93- 06.01	114318	12	2.2
Serena Van 2.0 Diesel	(C23)[LD20]	07.92- 09.94	111812	14	90	07.92- 09.94	111728	12	1.4
Serena Van 2.3 Diesel	(C23)[LD23]	10.94- 09.01	111812	14	90	10.94- 09.01	111728	12	1.4
		10.94- 09.01	113786	14	90				
Silvia 2.0	(S12)[FJ20E]	10.83- 09.88	110307	14	60	10.83- 09.88	110280	12	1.2
Skyline 2.0	(R32)[RB20DET]					A13 01.90- 01.93	111451	12	1.4
						01.90- 01.93	111452	12	0.8
Stanza 1.6	(T11)[CA16S]					08.81- 12.85	110278	12	0.8
Stanza 1.8	(T11)[CA18]					08.81- 12.85	110278	12	0.8
	(T11)[CA18S]					08.81- 12.85	110278	12	0.8
Stanza 1.8 SGL	(T11)[CA18S]					03.83- 12.85	110278	12	0.8
Sunny 1.3	(B11)[E13]	03.82- 08.90	110168	14	50	03.82- 08.90	110575	12	2.0
		03.82- 09.87	110307	14	60	AT 03.82- 09.87	110142	12	1.0
		05.83- 05.88	110264	14	40	08.82- 08.90	111608	12	1.4
	(N13)[E13S]	06.86- 10.88	110307	14	60	06.86- 10.88	111608	12	1.4
						07.86- 10.91	111459	12	1.2
	(B11)	02.82- 08.90	110168	14	50	02.82- 08.90	110575	12	2.0
Sunny 1.4	(B310)[A14]	01.70- 05.78	110128	14	35	AT 01.70- 05.78	110142	12	1.0
		09.80- 06.82	110168	14	50	09.80- 06.82	110575	12	2.0
	(N13)[GA14S]	10.88- 08.91	110632	14	65	10.88- 08.91	111312	12	0.8
Sunny 1.4 LX	(N13)[GA14S]	10.88- 08.91	110632	14	65	10.88- 08.91	111459	12	1.2
Sunny 1.4 16V	[GA14DE]	10.90- 05.95	110631	14	70	AT 10.90- 05.95	111459	12	1.2
Sunny 1.4 i 16V	(N14)[GA14DE]	10.92- 06.95	110631	14	70	10.92- 06.95	111459	12	1.2
						10.92- 06.95	111312	12	0.8
Sunny 1.4 i	(N14)[GA14DE]	10.90- 05.95	110631	14	70	AT 10.90- 05.95	111459	12	1.2
						10.90- 05.95	111312	12	0.8
	(N14)[GA14DS]	10.90- 05.95	110631	14	70	AT 10.90- 05.95	111459	12	1.2
						10.90- 05.95	111312	12	0.8
Sunny 1.5	(B310)[A15]	06.79- 02.82	110168	14	50	06.79- 02.82	110575	12	2.0
	(B11)[E15S]	03.82- 10.86	110168	14	50	03.82- 10.86	110575	12	2.0
		03.82- 10.86	110307	14	60	AT 03.82- 10.86	110142	12	1.0
Sunny 1.6 16V	(Y10)[GA16DS]	10.90- 03.94	110631	14	70	10.90- 03.94	111459	12	1.2
						10.90- 05.95	111312	12	0.8
		03.94- 05.95	111704	14	70				
Sunny 1.6 i 12V	(N13)[GA16I]	10.88- 10.90	110632	14	65	10.88- 10.90	111459	12	1.2
Sunny 1.6 i 16V	(10)[GA16DE]	10.92- 03.94	110631	14	70	AT 10.92- 03.94	111459	12	1.2
		03.94-	111704	14	70	03.94-	111312	12	0.8
	(N14)	10.92- 05.95	110631	14	70	AT 10.92- 05.95	111459	12	1.2
						10.92- 05.95	111312	12	0.8
	(Y10L)	11.90- 03.94	110631	14	70	AT 11.90- 03.94	111459	12	1.2
		03.94- 07.95	111704	14	70	03.94- 07.95	111312	12	0.8
Sunny 1.6 i 16V 4WD	(N14)[GA16DE]	10.92- 05.95	110631	14	70	AT 10.92- 05.95	111459	12	1.2
	(N14)[GA16DS]	10.90- 10.92	110631	14	70	10.90- 10.92	111459	12	1.2
Sunny 1.6 i	(N13)[E16I]	10.88- 10.90	110632	14	65	10.88- 10.90	111312	12	0.8
	(N14)[GA16DE]	10.90- 05.95	110631	14	70	AT 10.90- 05.95	111459	12	1.2
						10.90- 05.95	111312	12	0.8
	(Y10)	06.91- 03.00	110631	14	70	06.91- 03.00	111459	12	1.2
		06.91- 03.00	111704	14	70	06.91- 03.00	111312	12	0.8
	(N14)[GA16DEL]	10.90- 05.95	110631	14	70	AT 10.90- 05.95	111459	12	1.2
						10.90- 05.95	111312	12	0.8
	(N14)[GA16DS]	10.90- 05.95	110631	14	70	AT 10.90- 05.95	111459	12	1.2
						10.90- 05.95	111312	12	0.8
	(Y10)	10.92- 03.94	110631	14	70	AT 10.92- 03.94	111459	12	1.2
		03.94- 07.95	111704	14	70	03.94- 07.95	111312	12	0.8
	(B12)[GA16I]	10.88- 06.91	110632	14	65	10.88- 06.91	111312	12	0.8
	(N13)	10.88- 06.91	110632	14	65	AT 10.88- 06.91	111459	12	1.2
Sunny 1.6 i 4WD	(B12A)[E16I]	06.86- 05.89	110168	14	50	06.86- 05.89	110575	12	2.0
Sunny 2.0 Diesel	(N14)[CD20]	10.90- 05.95	111294	14	70	10.90- 05.95	111312	12	0.8
	(Y10)	06.91-	111294	14	70	06.91-	111312	12	0.8
Terrano 2.4	(WD21)[Z24i]	07.86- 10.95	116021	14	90				
Terrano 2.4 i	(WD21)[Z24i]	10.87- 02.93	116021	14	90	10.87- 02.93	114032	12	2.5
Terrano 2.7 TD	(R20)[TD27T]	02.93-	111316	14	60	HI 02.93-	110574	12	2.0
		02.93- 06.96	112086	14	60	02.93- 06.96	112368	12	1.4
		02.93- 01.02	115837	14	70	02.93- 01.02	111805	12	2.5
	(WD21)	08.87- 10.93	110700	14	50	08.87- 10.93	110574	12	2.0
		02.89- 10.93	111316	14	60				
		02.89- 02.96	116021	14	90	02.89- 02.96	111485	12	1.2
Terrano 2.7 TDi 4WD	(R20)[TD27Ti]	05.96-	111980	14	70	05.96-	110574	12	2.0
		05.96-	115837	14	70	05.96-	111805	12	2.5
	AT 05.96-	112351	14	90	06.98-	112365	12	2.2	
					05.96-	112368	12	1.4	
Terrano 3.0 Diesel Di 4WD	[ZD30]	05.02-	113787	14	90	05.02-	111805	12	2.5
Terrano 3.0 4x4	(WD21)[VG30I]	07.86- 08.89	116021	14	90				
Terrano 3.0 i	(WD21)[VG30E]	01.90- 12.95	116021	14	90	01.90- 12.95	113797	12	1.7
Terrano Regulus 3.2 TD 4WD	(R50)[QD32ETI]					08.96- 12.98	110574	12	2.0
Tiida 1.5 DCi	(C11)[K9K]	03.07- 06.13	114354	14	150	03.07- 06.13	113897	12	1.4
	(SC11X)	09.07-	113940	14	110	A47 09.07-	113897	12	1.4
	(C11X)[K9K728]	09.07-	113940	14	110	A47 09.07-	113897	12	1.4
Tiida 1.6	(C11X)[HR16DE]	09.07-	115548	14	120	09.07-	115361	12	1.0
	(SC11X)	09.07-	115548	14	120	09.07-	115361	12	1.0
Tiida 1.8	(C11X)[MR18DE]					09.07-	115341	12	1.0
	(SC11X)					09.07-	115341	12	1.0
Tiida 1.8 Flexfuel	(SC11)[MR18DE]					01.11- 12.13	115341	12	1.0
Trade 2.0 Diesel	[LD20]					11.86- 03.93	115567	12	2.4



Trade 2.8 Diesel	[A428II]				12.86- 12.98	115567	12	2.4		
					12.86- 12.98	115979	12	2.2		
Trade 3.0	[BD-30Ti]	01.96- 12.98	112394	14	70	01.96- 12.98	110574	12	2.0	
Trade 3.0 Diesel	[BD-30II]					01.94- 12.98	112365	12	2.2	
Urvan 2.0	(E23)[H20]	07.81- 11.82	110168	14	50	07.81- 11.82	110386	12	1.9	
	(E23)[Z20]	12.82- 11.88	110168	14	50	12.82- 11.88	110386	12	1.9	
		12.82- 11.88	110307	14	60	12.82- 11.88	110277	12	0.8	
	(E24)	05.87-	110168	14	50	05.87-	110386	12	1.9	
		05.87-	110307	14	60	05.87-	110277	12	0.8	
		05.87- 05.97	110458	14	60	05.87- 05.97	111805	12	2.5	
Urvan 2.2 Diesel	(E23)[SD22]	07.80- 11.82	110694	14	40	07.80- 11.82	111805	12	2.5	
Urvan 2.3 Diesel	(E23)[SD23]	02.87-	112093	14	70	VP				
	(E24)[TD23]	02.87-	110701	14	50		02.87-	111452	12	0.8
		02.87-	112093	14	70					
Urvan 2.4	(E24)[Z24S]	11.86- 06.97	110307	14	60	11.86- 06.97	110256	12	0.8	
Urvan 2.5 Diesel	(E24)[TD25]	12.88-	110701	14	50	12.88-	111805	12	2.5	
		12.88-	112093	14	70					
	(E24L)	12.88-	110701	14	50					
		12.88-	112093	14	70	VP				
Vanette 1.5	(KC120)[A15]	07.81- 12.87	110168	14	50	07.81- 12.87	110142	12	1.0	
		01.83- 12.87	110307	14	60					
		01.83- 12.87	110458	14	60					
	(C22)[A15S]	09.85- 12.95	110264	14	40	09.85- 12.95	114318	12	2.2	
		10.86- 12.95	110168	14	50	10.86- 12.95	110142	12	1.0	
		10.86- 12.95	110307	14	60					
Vanette Cargo 2.0 Diesel	(C23M)[LD20]	07.92- 09.94	111812	14	90	07.92- 09.94	111728	12	1.4	
Vanette Cargo 2.3 Diesel	(C23M)[LD23]	01.95- 11.01	113786	14	90	09.94-	111728	12	1.4	
		09.94-	111812	14	90	09.94-	114318	12	2.2	
Versa 1.2 DIG-S	(E12)					12.13-	115426	12	1.0	
X-Trail 1.3 DIG-T	(T32)[HR13DDT]	04.19-	116225	14	150	04.19-	115341	12	1.0	
X-Trail 1.6 dCi	(T32)[R9M]	12.13-	116225	14	150	CVT Transmission	12.13-	114763	12	1.4
X-Trail 1.6 dCi 4x4	(T32)[R9M]	12.13-	116225	14	150		12.13-	115341	12	1.0
X-Trail 2.0	(T31)[MR20DE]					06.07-	115341	12	1.0	
	(T30)[QR20DE]					07.01-	116565	12	1.4	
		11.01-	113316	14	110	11.01-	113323	12	1.7	
X-Trail 2.0 4WD	(T30)[QR20DE]	07.01-	113316	14	110	07.01-	113323	12	1.7	
						07.01-	116565	12	1.4	
X-Trail 2.2 DCi	(T30)[YD22DDTI]	12.03-	113324	14	90	12.03-	114763	12	1.4	
X-Trail 2.2 DCi 4WD	(T30)[YD22DDTI]	12.03-	113324	14	90	AT	12.03-	114763	12	1.4
X-Trail 2.2 Di 4WD	(T30)[YD22ETI]	07.01-	113324	14	90		07.01-	114074	12	2.2
X-Trail 2.5	(T31)[QR25DE]					06.07-	116565	12	1.4	
X-Trail 2.5 4WD	[QR25DE]	09.02-	113316	14	110	09.02-	113323	12	1.7	
						01.03-	116565	12	1.4	
X-Trail Van 1.6 DCi	(T32)[R9M]	04.14-	116225	14	150					
X-Trail Van 1.6 DCi 4X4	(T32)[R9M]	04.14-	116225	14	150					
X-Trail Van 2.0 DCi	(T31)[M9R]	01.11- 02.14	114842	14	150	01.11- 02.14	114074	12	2.2	
		01.11- 02.14	115519	14	150	01.11- 02.14	116278	12	1.5	
X-Trail Van 2.0 DCi 4X4	(T31)[M9R]	01.13- 02.14	114842	14	150	01.13- 02.14	114074	12	2.2	
		01.13- 02.14	115519	14	150	01.13- 02.14	116278	12	1.5	
	(T31)[M9R760]	03.13- 02.14	114842	14	150	03.13- 02.14	114074	12	2.2	
		03.13- 02.14	115519	14	150					
PASSENGER CARS US										
210 1.2	[A12]					01.79- 01.79	110142	12	1.0	
210 1.4	[A14]					01.79- 01.79	110142	12	1.0	
210 1.4 Deluxe	[A14]					01.80- 01.80	110142	12	1.0	
210 1.5 Deluxe	[A15]					01.80- 01.82	110142	12	1.0	
310 1.4	[A14]					01.79- 01.80	110142	12	1.0	
310 1.4 GX	[A14]					01.80- 01.80	110142	12	1.0	
310 1.5	[A15]					01.81- 01.81	110142	12	1.0	
310 1.5 GX	[A15]					01.81- 01.81	110142	12	1.0	
410 1.2	[E1]					01.63- 01.65	110142	12	1.0	
510 2.0	[L20B]	01.78- 01.79	110168	14	50	01.78- 01.79	110277	12	0.8	
	[Z20S]	01.80- 01.81	110168	14	50					
520 1.3	[J13]					01.65- 01.67	110142	12	1.0	
521 1.3	[J13]					01.69- 01.69	110142	12	1.0	
720 2.0	[L20B]	01.80- 01.80	110264	14	40	01.80- 01.80	110277	12	0.8	
						01.80- 01.80	110280	12	1.2	
	[Z20]	01.83- 01.85	110168	14	50	01.83- 01.85	110386	12	1.9	
720 2.2	[Z22]	01.81- 01.82	110168	14	50	01.81- 01.82	110386	12	1.9	
						01.83-	110277	12	0.8	
720 2.4	[Z24]	01.83- 01.85	110168	14	50	01.83- 01.85	110277	12	0.8	
	[Z24I]					01.86- 01.86	110277	12	0.8	
810 2.4	[L24E]					01.77- 01.77	110277	12	0.8	
						01.78- 01.81	110280	12	1.2	
1200 1.2	[A12]					01.71- 01.73	110142	12	1.0	
200SX 1.6	[GA16DE]					01.95- 01.97	111312	12	0.8	
						01.95- 01.97	111459	12	1.2	
200SX 1.6 SE	[GA16DE]					01.95- 01.97	111312	12	0.8	
						01.95- 01.97	111459	12	1.2	
200SX 1.8 Turbo	[CA18ET]					01.84- 01.86	110278	12	0.8	
200SX 2.0	[CA20E]					01.84- 01.86	110278	12	0.8	
	[L20B]					01.77- 01.79	110280	12	1.2	
	[SR20DE]					01.95- 01.95	111608	12	1.4	
	[Z20E]	01.80- 01.81	110168	14	50	01.80- 01.81	110277	12	0.8	
200SX 2.0 SE-R	[SR20DE]					01.96- 01.97	111608	12	1.4	
200SX 2.2	[Z22E]	01.82- 01.83	110168	14	50	01.82- 01.83	110277	12	0.8	
240Z 2.4	[L24]					01.70- 01.73	110277	12	0.8	
260Z 2.6	[L26]					01.74- 01.74	110277	12	0.8	
280Z 2.8	[L28E]					01.75- 01.77	110277	12	0.8	
						01.78- 01.78	110280	12	1.2	
280ZX 2.8	[L28E]	01.82- 01.83	110458	14	60	01.82- 01.83	110280	12	1.2	
280ZX 2.8 GL	[L28E]	01.81- 01.81	110458	14	60	01.81- 01.81	110280	12	1.2	
280ZX 2.8 Turbo	[L28ET]	01.81-	110458	14	60	01.81-	110280	12	1.2	
B210 1.3	[A13]					01.74- 01.74	110142	12	1.0	
B210 1.4	[A14]					01.75- 01.78	110142	12	1.0	
D21 2.4	[KA24E]					01.90- 01.93	111485	12	1.2	
	[Z24]					01.86- 01.89	110277	12	0.8	
F 10 1.4	[A14]					01.76- 01.78	110142	12	1.0	
Frontier 2.4	[KA24DE]					01.01- 01.01	112368	12	1.4	
Maxima 2.4	[L24E]	01.82- 01.84	110458	14	60	01.82- 01.84	110280	12	1.2	


NISSAN Continued

Maxima 3.0	[VQ30DE]					01.00- 01.01	111382	12	1.4
		01.99- 01.99	111381	14	110				
Maxima 3.0 GLE	[VQ30DE]	10.94- 01.97	111381	14	110	10.94- 01.97	111382	12	1.4
Maxima 3.0 GXE	[VQ30DE]	01.95- 01.97	111381	14	110	01.95- 01.97	111382	12	1.4
Maxima 3.0 SE	[VQ30DE]	01.95- 01.97	111381	14	110	01.95- 01.97	111382	12	1.4
Murano 3.5	[Z51][VQ35]	01.11-	116646	14	130				
NX 1.6	[GA16DE]	01.91- 01.93	110631	14	70	01.91- 01.93	111608	12	1.4
						01.91- 01.93	111312	12	0.8
						01.91- 01.93	111459	12	1.2
Pick-Up 2.4	[KA24E]					01.94- 01.94	111485	12	1.2
						01.96- 01.97	112368	12	1.4
Pick-Up 2.4 SE	[KA24E]					01.96- 01.97	112368	12	1.4
Pick-Up 2.4 Short Bed E	[KA24E]					01.95- 01.95	111485	12	1.2
Pick-Up 2.4 Short Bed XE	[KA24E]					01.95- 01.97	111485	12	1.2
Pick-Up 2.4 XE	[KA24E]					01.94- 01.95	111485	12	1.2
						01.96- 01.97	112368	12	1.4
Pulsar NX 1.5 Turbo	[E15T]	01.83- 01.83	110307	14	60	01.83- 01.83	111459	12	1.2
Pulsar NX 1.6	[GA16I]	01.90- 01.90	110631	14	70	01.90- 01.90	111312	12	0.8
		01.90- 01.90	110632	14	65				
Pulsar NX 1.6 XE	[GA16I]	01.89- 01.90	110631	14	70	01.89- 01.90	111312	12	0.8
		01.89- 01.90	110632	14	65				
Quest 3.5	[V42]	05.03-	116646	14	130				
Sentra 1.6	[E16]	01.85- 01.85	110307	14	60	01.85- 01.85	111608	12	1.4
	[E16S]	01.86- 01.87	110307	14	60	01.86- 01.87	111459	12	1.2
	[GA16DE]	01.91- 01.93	110631	14	70	01.91- 01.93	111459	12	1.2
						01.91- 01.93	111312	12	0.8
	[GA16I]	01.89- 01.90	110631	14	70	01.89- 01.90	111459	12	1.2
		01.89- 01.90	110632	14	65				
						01.89- 01.90	111312	12	0.8
Sentra 1.6 4WD	[GA16I]	01.90- 01.90	110631	14	70	01.90- 01.90	111459	12	1.2
		01.90- 01.90	110632	14	65				
Sentra 1.6 E	[GA16DE]	01.93- 01.94	110631	14	70	01.93- 01.94	111459	12	1.2
						01.93- 01.94	111312	12	0.8
Sentra 1.6 GLE	[GA16DE]					01.95- 01.97	111312	12	0.8
Sentra 1.6 GXE	[GA16DE]	01.93- 01.94	110631	14	70	01.93- 01.94	111459	12	1.2
						01.93- 01.94	111312	12	0.8
Sentra 1.6 LE	[GA16DE]	01.94- 01.94	110631	14	70	01.94- 01.94	111459	12	1.2
						01.94- 01.94	111312	12	0.8
Sentra 1.6 SE	[GA16DE]	01.93- 01.94	110631	14	70	01.93- 01.94	111459	12	1.2
						01.93- 01.94	111312	12	0.8
Sentra 1.6 XE	[GA16DE]	01.93- 01.94	110631	14	70	01.93- 01.94	111459	12	1.2
						01.93- 01.94	111312	12	0.8
Stanza 2.0	[CA20E]					01.86- 01.89	110278	12	0.8
	[CA20S]					01.82- 01.83	110278	12	0.8
Stanza 2.0 GL	[CA20E]					01.84- 01.85	110278	12	0.8
Stanza 2.0 XE	[CA20E]					01.84- 01.85	110278	12	0.8
Van 2.4	[Z24i]					01.87- 01.88	110249	12	0.8
Xterra 2.4	[KA24DE]					01.00- 01.00	112368	12	1.4
PASSENGER CARS AO									
Laurel 2.0 GL	[JC31][CA20S]					11.84- 12.85	110278	12	0.8
Murano 3.5 AWD	[Z51][VQ35]	01.11-	116646	14	130				
Navara 2.5 DCi	(D40)[YD25DDTi]	12.05-	114244	14	130				
		12.05-	115703	14	150				
Navara 2.5 DCi 4x4	(D40)	08.08-	114244	14	130	08.08-	115727	12	2.2
NP 200 1.6		10.08-	112144	14	98	10.08-	113932	12	0.85
Pathfinder 2.5 DCi	(R51)	01.05-	114244	14	130	01.05-	114232	12	2.0
	(R51)	01.05-	114803	14	150	01.05-	115727	12	2.2
Patrol 3.0 Diesel 4x4	(GU)					09.07-	114764	12	2.5
	(GU)					A13 09.07-	114875	12	2.8
Qashqai +2 2.0	(J10, JJ10)[MR20DE]	02.07- 12.13	115705	14	110				
Qashqai +2 2.0 4x4	(J10, JJ10)[MR20DE]	02.07- 12.13	115705	14	110				
Teana 2.5	(J32)[VQ25DE]	07.08-	116646	14	130				
Teana 3.5	(J32)[VQ35DE]	07.08-	116646	14	130				
X-Trail 2.0 4WD	(T30)[QR20DE]					AT 09.01-	114763	12	1.4
X-Trail 2.0 LX	(T30)[QR20DE]						116565	12	1.4
X-Trail 2.0 Turbo Sport 4WD	(T30)					AT 06.01-	114763	12	1.4
	(T30)					06.01-	116565	12	1.4
X-Trail 2.5 4WD	(T30)[QR25DE]					AT 11.02-	114763	12	1.4
						11.02-	116565	12	1.4
FORK LIFTS									
AL30/AL35/AL50 Forklifts	[K21(L)]		112069	14	50		114479	12	1.2
CL30/CL35/CLS40 Forklifts	[K21(L)]		112069	14	50		114479	12	1.2
CL50/CL55 Forklifts	[K21(L)]		112069	14	50		114479	12	1.2
CL60/CL70/CL80 Forklifts	[K25(L)]		112069	14	50		114479	12	1.2
CLS60/CLS65 Forklifts	[K25(L)]		112069	14	50		114479	12	1.2
CLU40/CLU50/CLU Forklifts	[K25(L)]		112069	14	50		114479	12	1.2
DX-15 Forklifts	[K21(L)]		112069	14	50		114479	12	1.2
DX-18 Forklifts	[K21(L)]		112069	14	50		114479	12	1.2
DX-20 Forklifts	[K25(L)]		112069	14	50		114479	12	1.2
DX-25 Forklifts	[K25(L)]		112069	14	50		114479	12	1.2
DX-30 Forklifts	[K25(L)]		112069	14	50		114479	12	1.2
DX-32 Forklifts	[K25(L)]		112069	14	50		114479	12	1.2
FD104							110256	12	0.8
							110155	12	0.85
FX	[Z24]						110415	12	1.4
GF 03	[SD33]					01.78-	110616	24	4.5
H15		01.94-	112069	14	50				
H20	[H20]	01.94-	112069	14	50				
H20S						01.86-	110415	12	1.4
H25	[PJ01]	01.95-	112069	14	50				
H30						01.90-	111108	12	1.2
JP100Y & JP110Y Forklifts	[TB45E(L)]		116530	14	100				
JP80Y & JP90Y Forklifts	[TB45E(L)]		116530	14	100				
JPD100Y Forklifts	[S6S]		116529	14	50		116536	12	3.0
JPD110H Forklifts	[S6S]		116529	14	50		116536	12	3.0
JPD80Y Forklifts	[S6S]		116529	14	50		116536	12	3.0
JPD90Y Forklifts	[S6S]		116529	14	50		116536	12	3.0
PL30/PL35 Forklifts	[K21(L)]		112069	14	50		114479	12	1.2
PL40/PL50 Forklifts	[K21(L)]		112069	14	50		114479	12	1.2
PL55/PL60/PL70 Forklifts	[K25(L)]		112069	14	50		114479	12	1.2



PLATINUM G04 PNEUMATIC 8000-11000 LBS. Forklifts	[TB45E(L)]		116530	14	100			
PLATINUM G04 PNEUMATIC PF80Y PF90Y PF100Y & PF11 Forklifts	[TB45E(L)]		116530	14	100			
PLATINUM II CUSHION 3000-8000 LBS. Forklifts	[K21(L)]		112069	14	50		114479	12 1.2
	[K25(L)]		112069	14	50		114479	12 1.2
PLATINUM II CUSHION CF30 CF35 & CFS40 Forklifts	[K21(L)]		112069	14	50		114479	12 1.2
PLATINUM II CUSHION CF40 CF50 & CF55 Forklifts	[K21(L)]		112069	14	50		114479	12 1.2
PLATINUM II CUSHION CF80 & CF80 BOXCAR Forklifts	[K25(L)]		112069	14	50		114479	12 1.2
PLATINUM II CUSHION CFS60 CF60 CFS65 & CF70 Forklifts	[K25(L)]		112069	14	50		114479	12 1.2
PLATINUM II CUSHION CFU40 & CFU55 Forklifts	[K25(L)]		112069	14	50		114479	12 1.2
PLATINUM II PNEUMATIC 3000-7000 LBS. Forklifts	[K21(L)]		112069	14	50		114479	12 1.2
	[K25(L)]		112069	14	50		114479	12 1.2
PLATINUM II PNEUMATIC PF30 PF35 PFS40 PF40 & PF Forklifts	[K21(L)]		112069	14	50		114479	12 1.2
PLATINUM II PNEUMATIC PF55 PF60 & PF70 Forklifts	[K25(L)]		112069	14	50		114479	12 1.2
PLATINUM II PNEUMATIC PFU40 & PFU50 Forklifts	[K21(L)]		112069	14	50		114479	12 1.2
PLATINUM NOMAD COMPACT PNEUM. 3000-5000 LBS. Forklifts	[K21(L)]		112069	14	50		114479	12 1.2
PLATINUM NOMAD COMPACT PNEUM. AF30 AF35 & AF50 Forklifts	[K21(L)]		112069	14	50		114479	12 1.2
PLD40/PLD50/PLD Forklifts	[S4S]		113401	14	40		111272	12 2.2
PLD60/PLD70 Forklifts	[S4S]		113401	14	40		111272	12 2.2
PLS40 Forklifts	[K21(L)]		112069	14	50		114479	12 1.2
PLU40/PLU50 Forklifts	[K25(L)]		112069	14	50		114479	12 1.2
Various Models			113418	28	25		110572	12 1.2
			116104	28	80		110386	12 1.9
							110256	12 0.8
							115377	12 1.0
							114479	12 1.2
			112068	14	35		110617	12 1.2
YE 03	[SD33]					01.80-	113675	24 4.0
YGF 03	[SD33]					01.80-	110616	24 4.5
						01.80-	113675	24 4.0
Nissan (Dongfeng)								
PASSENGER CARS AO								
Qashqai 2.0	[MR20DE]	EU5	01.11-	115705	14	110	01.11-	115341 12 1.0
Teana 2.5	[VQ25DE]		11.10-	116646	14	130		
Tiida 1.6 GTS			06.11- 12.15	116680	14	110	06.11- 12.15	115341 12 1.0
NSU								
PASSENGER CARS EU								
RO 80 1.0	[KKM]						10.67- 07.77	113705 12 1.9
PASSENGER CARS US								
RO 80 1.0			01.74-	112098	14	65		
Oldsmobile								
PASSENGER CARS EU								
Cutlass 3.4 V6 Supreme	[6V]		09.90-	110499	14	100/105		
PASSENGER CARS US								
98 3.0 Regency			01.85- 01.85	110492	14	108		
98 3.8 Regency			01.85- 01.85	110492	14	108		
			01.88- 01.90	111220	14	105		
98 3.8 Regency Brougham			01.85- 01.85	110492	14	108		
			01.88- 01.90	111220	14	105		
98 3.8 Regency Elite			01.91- 01.91	111220	14	105		
98 3.8 Regency Touring			01.88- 01.90	111220	14	105		
98 3.8 Super Regency Elite			01.94- 01.94	111220	14	105		
98 3.8 Super Regency Touring			01.92- 01.93	111220	14	105		
98 4.1			01.81- 01.81	110505	14	75		
98 4.1 Regency			01.81- 01.83	110505	14	75		
98 4.1 Regency Brougham			01.82- 01.83	110505	14	75		
98 4.3 Regency			01.85- 01.85	110505	14	75		
98 4.3 Regency Brougham			01.85- 01.85	110505	14	75		
98 5.0			01.80- 01.81	110505	14	75		
98 5.0 Regency			01.80- 01.81	110505	14	75		
			01.84- 01.84	110508	14	78		
98 5.0 Regency Brougham			01.82- 01.83	110505	14	75		
			01.84- 01.84	110508	14	78		
98 5.7			01.78- 01.79	110505	14	75		
98 5.7 Regency			01.78- 01.79	110505	14	75		
			01.84- 01.84	110508	14	78		
			01.83- 01.83	110471	14	94		
98 5.7 Regency Brougham			01.82- 01.83	110505	14	75		
			01.84- 01.84	110508	14	78		
98 5.7			01.72- 01.73	110233	14	63		
			01.72- 01.73	110505	14	75		
98 5.7 Regency			01.73- 01.73	110505	14	75		
98 6.5			01.60- 01.64	110075	14	60		
98 6.6			01.75- 01.75	110505	14	75		
98 6.6 Regency			01.75- 01.75	110505	14	75		
98 7.0			01.65- 01.67	110075	14	60		
98 7.0 Holiday			01.65- 01.67	110075	14	60		
98 7.5			01.68- 01.71	110075	14	60		
			01.72- 01.76	110233	14	63		
			01.72- 01.76	110505	14	75		
98 7.5 Regency			01.73- 01.76	110505	14	75		
442 5.7			01.68- 01.70	110075	14	60		
			01.68- 01.70	110233	14	63		
			01.68- 01.70	110505	14	75		
442 6.6			01.68- 01.69	110075	14	60		
442 7.5			01.68- 01.71	110075	14	60		
			01.68- 01.71	110233	14	63		
			01.68- 01.71	110505	14	75		



OLDSMOBILE Continued

Alero 3.4						01.99- 01.00	112900	12	1.4
Bravada 4.2						01.02- 01.03	112905	12	1.6
Bravada 4.3		01.98- 01.00	112665	14	100	01.98- 01.00	112240	12	1.7
						01.01- 01.01	112241	12	1.5
		01.91- 01.92	110500	14	100/105	01.91- 01.92	111034	12	1.2
Calais 2.3		01.87- 01.87	110499	14	100/105				
Calais 2.5		01.85- 01.87	110471	14	94				
Calais 2.5 Supreme		01.85- 01.87	110471	14	94				
Calais 3.0		01.87- 01.87	110502	14	100/105				
		01.85- 01.86	110471	14	94				
Calais 3.0 Supreme		01.87- 01.87	110502	14	100/105				
		01.85- 01.86	110471	14	94				
Ciera 2.2 SL		01.95- 01.96	110500	14	100/105				
Custom Cruiser 5.0		01.91- 12.91	110500	14	100/105				
		01.80- 01.81	110505	14	75				
		01.84- 01.90	110508	14	78				
		01.91- 01.92	112629	14	100/105				
		01.91- 01.92	112640	14	100/105				
Custom Cruiser 5.7		01.78- 01.79	110505	14	75				
		01.84- 01.85	110508	14	78				
		01.84- 01.85	110471	14	94				
Custom Cruiser 5.7		01.73- 01.73	110505	14	75				
		01.91- 01.92	112629	14	100/105				
		01.92- 01.92	112640	14	100/105				
Custom Cruiser 6.6		01.75- 01.75	110505	14	75				
Custom Cruiser 7.5		01.71- 01.71	110075	14	60	01.71- 01.71	110216	12	1.4
		01.72- 01.76	110233	14	63				
		01.71- 01.71	110505	14	75				
Cutlass 2.2 Ciera Cruiser S		01.93- 01.93	110500	14	100/105				
Cutlass 2.2 Ciera S		01.93- 01.93	110500	14	100/105				
Cutlass 2.3 Calais		01.88- 01.91	110499	14	100/105				
Cutlass 2.3 Calais International		01.88- 01.91	110499	14	100/105				
Cutlass 2.3 Calais S		01.89- 01.91	110499	14	100/105				
Cutlass 2.3 Calais SL		01.88- 01.91	110499	14	100/105				
Cutlass 2.5 Ciera		01.82- 01.82	110505	14	75				
		01.86- 01.92	110471	14	94				
Cutlass 2.5 Ciera Brougham		01.87- 01.88	110499	14	100/105				
		01.82- 01.82	110505	14	75				
		01.83-	110471	14	94				
Cutlass 2.5 Ciera Cruiser		01.87- 01.90	110499	14	100/105				
		01.84- 01.86	110505	14	75				
		01.84- 01.86	110471	14	94				
Cutlass 2.5 Ciera Cruiser Brougham		01.87- 01.88	110499	14	100/105				
Cutlass 2.5 Ciera Cruiser S		01.91- 01.92	110499	14	100/105				
Cutlass 2.5 Ciera Cruiser SL		01.89- 01.89	110499	14	100/105				
Cutlass 2.5 Ciera LS		01.82- 01.82	110505	14	75				
		01.83-	110471	14	94				
Cutlass 2.5 Ciera S		01.87- 01.91	110499	14	100/105				
Cutlass 2.5 Ciera SL		01.87- 01.89	110499	14	100/105				
Cutlass 2.8 Ciera		01.86- 01.89	110492	14	108				
		01.82- 01.82	110505	14	75				
		01.82- 01.82	110508	14	78				
		01.86- 01.89	110471	14	94				
Cutlass 2.8 Ciera Brougham		01.85- 01.85	110492	14	108				
		01.82- 01.82	110505	14	75				
		01.82- 01.82	110508	14	78				
		01.85- 01.85	110471	14	94				
Cutlass 2.8 Ciera Cruiser		01.86- 01.89	110492	14	108				
		01.84- 01.85	110505	14	75				
		01.84- 01.85	110508	14	78				
		01.86- 01.89	110471	14	94				
Cutlass 2.8 Ciera LS		01.85- 01.85	110492	14	108				
		01.82- 01.82	110505	14	75				
		01.82- 01.82	110508	14	78				
		01.85- 01.85	110471	14	94				
Cutlass 3.0 Calais International		01.88- 01.88	110502	14	100/105				
Cutlass 3.0 Calais SL		01.88- 01.88	110502	14	100/105				
Cutlass 3.0 Ciera		01.82- 01.82	110505	14	75				
		01.83-	110471	14	94				
Cutlass 3.0 Ciera Brougham		01.84- 01.85	110492	14	108				
		01.82- 01.83	110505	14	75				
Cutlass 3.0 Ciera Cruiser		01.84- 01.85	110492	14	108				
		01.84- 01.85	110505	14	75				
Cutlass 3.0 Ciera LS		01.84- 01.85	110492	14	108				
		01.82- 01.83	110505	14	75				
Cutlass 3.4 Supreme S		01.92- 01.94	110499	14	100/105				
Cutlass 3.5		01.62- 01.63	110075	14	60	01.62- 01.63	110414	12	
Cutlass 3.8		01.80- 01.81	110505	14	75				
Cutlass 3.8 Brougham		01.80- 01.81	110505	14	75				
Cutlass 3.8 Calais		01.78- 01.81	110505	14	75				
Cutlass 3.8 Ciera		01.85-	110492	14	108				
		01.85-	110505	14	75				
		01.85-	110471	14	94				
Cutlass 3.8 Ciera Brougham		01.84- 01.85	110492	14	108				
		01.84- 01.85	110505	14	75				
		01.84- 01.85	110471	14	94				
Cutlass 3.8 Ciera Cruiser		01.84- 01.85	110492	14	108				
		01.84- 01.85	110505	14	75				
		01.84- 01.85	110471	14	94				
Cutlass 3.8 Ciera LS		01.84- 01.85	110492	14	108				
		01.84- 01.85	110505	14	75				
		01.84- 01.85	110471	14	94				
Cutlass 3.8 Cruiser		01.78- 01.82	110505	14	75				
		01.83- 01.83	110508	14	78				
		01.83- 01.83	110471	14	94				
Cutlass 3.8 Cruiser Brougham		01.80- 01.80	110505	14	75				
Cutlass 3.8 LS		01.80- 01.81	110505	14	75				
Cutlass 3.8 S		01.77- 01.77	110505	14	75				
Cutlass 3.8 Salon		01.78- 01.80	110505	14	75				
		01.85- 01.87	110471	14	94				



Cutlass 3.8 Salon Brougham	01.78- 01.80	110505	14	75			
Cutlass 3.8 Supreme	01.77- 01.77	110505	14	75			
Cutlass 3.8 Supreme Brougham	01.77- 01.77	110505	14	75			
Cutlass 4.1	01.68- 01.71	110075	14	60	01.68- 01.71	110414	12
	01.75- 01.75	110505	14	75			
Cutlass 4.1 S	01.71- 01.71	110075	14	60	01.71- 01.71	110414	12
	01.75- 01.76	110505	14	75			
Cutlass 4.1 Supreme	01.75- 01.76	110505	14	75			
Cutlass 4.1 Supreme Brougham	01.76- 01.76	110505	14	75			
Cutlass 4.3 Calais	01.79- 01.79	110233	14	63	01.79- 01.79	110216	12 1.4
	01.79- 01.79	110505	14	75			
	01.84- 01.84	110471	14	94			
Cutlass 4.3 Ciera	01.82- 01.82	110233	14	63	01.82- 01.82	112900	12 1.4
	01.82- 01.82	110505	14	75			
Cutlass 4.3 Ciera Brougham	01.82- 01.83	110233	14	63	01.82- 01.83	112900	12 1.4
	01.82- 01.83	110505	14	75			
	01.84- 01.85	110471	14	94			
Cutlass 4.3 Ciera Cruiser	01.84- 01.85	110233	14	63			
	01.84- 01.85	110505	14	75			
	01.84- 01.85	110471	14	94			
Cutlass 4.3 Ciera LS	01.82- 01.83	110233	14	63	01.82- 01.83	112900	12 1.4
	01.82- 01.83	110505	14	75			
	01.84- 01.85	110471	14	94			
Cutlass 4.3 Cruiser	01.79- 01.79	110233	14	63			
	01.79- 01.79	110505	14	75			
Cutlass 4.3 Salon	01.79- 01.79	110233	14	63	01.79- 01.79	110414	12
					01.79- 01.79	110216	12 1.4
	01.79- 01.79	110505	14	75			
Cutlass 4.3 Supreme	01.79- 01.79	110233	14	63			
	01.79- 01.79	110505	14	75			
	01.84- 01.84	110471	14	94			
Cutlass 4.3 Supreme Brougham	01.79- 01.79	110233	14	63			
	01.79- 01.79	110505	14	75			
	01.84- 01.85	110471	14	94			
Cutlass 4.3	01.75- 01.75	110505	14	75			
Cutlass 4.3 Brougham	01.80- 01.81	110505	14	75			
Cutlass 4.3 Calais	01.78- 01.81	110505	14	75			
Cutlass 4.3 Cruiser	01.78- 01.81	110505	14	75			
Cutlass 4.3 Cruiser Brougham	01.80- 01.81	110505	14	75			
Cutlass 4.3 LS	01.80- 01.81	110505	14	75			
Cutlass 4.3 S	01.75- 01.77	110505	14	75			
Cutlass 4.3 Salon	01.75- 01.79	110505	14	75			
Cutlass 4.3 Salon Brougham	01.78- 01.80	110505	14	75			
Cutlass 4.3 Supreme	01.75- 01.79	110505	14	75			
Cutlass 4.3 Supreme Brougham	01.76- 01.79	110505	14	75			
Cutlass 4.4 Brougham	01.81-	110505	14	75			
Cutlass 4.4 Calais	01.82- 01.82	110505	14	75			
Cutlass 4.4 Cruiser	01.82- 01.82	110505	14	75			
Cutlass 4.4 LS	01.81-	110505	14	75			
Cutlass 4.4 Supreme	01.81-	110505	14	75			
Cutlass 4.4 Supreme Brougham	01.82- 01.82	110505	14	75			
Cutlass 5.0	01.80- 01.80	110505	14	75			
	01.86-	110508	14	78			
	01.86-	110471	14	94			
	01.91- 01.92	112629	14	100/105			
Cutlass 5.0 Brougham	01.80- 01.80	110505	14	75			
Cutlass 5.0 Calais	01.78- 01.80	110505	14	75			
	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
Cutlass 5.0 Cruiser	01.78- 01.82	110505	14	75			
	01.83- 01.83	110471	14	94			
Cutlass 5.0 Cruiser Brougham	01.80- 01.80	110505	14	75			
Cutlass 5.0 LS	01.80- 01.80	110505	14	75			
Cutlass 5.0 Salon	01.78- 01.80	110505	14	75			
	01.85- 01.86	110508	14	78			
	01.85- 01.87	110471	14	94			
Cutlass 5.0 Salon Brougham	01.78- 01.80	110505	14	75			
Cutlass 5.0 Supreme	01.78- 01.80	110505	14	75			
	01.84- 01.87	110508	14	78			
	01.83- 01.87	110471	14	94			
Cutlass 5.0 Supreme Brougham	01.78- 01.80	110505	14	75			
	01.84- 01.87	110508	14	78			
Cutlass 5.0 Supreme Classic	01.88- 01.88	110471	14	94			
Cutlass 5.0 Supreme Classic Brougham	01.88- 01.88	110471	14	94			
Cutlass 5.4	01.64- 01.67	110075	14	60	01.64- 01.67	110414	12
Cutlass 5.4 Holiday	01.64- 01.67	110075	14	60	01.64- 01.67	110414	12
Cutlass 5.7	01.80- 01.81	110233	14	63	01.80- 01.81	110216	12 1.4
	01.80- 01.81	110505	14	75			
Cutlass 5.7 Brougham	01.80- 01.81	110233	14	63	01.80- 01.81	110216	12 1.4
	01.80- 01.81	110505	14	75			
Cutlass 5.7 Calais	01.80- 01.82	110233	14	63	01.80- 01.82	110216	12 1.4
	01.80- 01.82	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
Cutlass 5.7 Cruiser	01.79- 01.79	110233	14	63			
	01.79- 01.79	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
Cutlass 5.7 Cruiser Brougham	01.80- 01.81	110233	14	63			
	01.80- 01.81	110505	14	75			
Cutlass 5.7 LS	01.80- 01.81	110233	14	63	01.80- 01.81	110216	12 1.4
	01.80- 01.81	110505	14	75			
Cutlass 5.7 Salon	01.80- 01.80	110233	14	63	01.80- 01.80	110216	12 1.4
	01.80- 01.80	110505	14	75			
	01.85- 01.85	110508	14	78			
	01.85- 01.85	110471	14	94			
Cutlass 5.7 Supreme	01.79- 01.79	110233	14	63			
	01.79- 01.79	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			



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Cutlass 5.7 Supreme Brougham	01.79- 01.79	110233	14	63		
	01.79- 01.79	110505	14	75		
	01.83- 01.83	110508	14	78		
	01.83- 01.83	110471	14	94		
Cutlass 5.7	01.68- 01.71	110075	14	60	01.68- 01.71	110414 12
	01.68- 01.71	110233	14	63		
	01.68- 01.71	110505	14	75		
	01.91- 01.92	112629	14	100/105		
Cutlass 5.7 Brougham	01.80- 01.80	110505	14	75		
Cutlass 5.7 Calais	01.79- 01.80	110505	14	75		
Cutlass 5.7 Cruiser	01.78- 01.78	110505	14	75		
Cutlass 5.7 Cruiser Brougham	01.80- 01.80	110505	14	75		
Cutlass 5.7 LS	01.80- 01.80	110505	14	75		
Cutlass 5.7 S	01.71- 01.71	110075	14	60	01.71- 01.71	110414 12
	01.71- 01.71	110233	14	63		
	01.71- 01.71	110505	14	75		
Cutlass 5.7 Salon	01.75- 01.75	110505	14	75		
Cutlass 5.7 Supreme	01.72- 01.73	110233	14	63		
	01.72- 01.73	110505	14	75		
	01.91- 01.92	112629	14	100/105		
Cutlass 5.7 Supreme Brougham	01.76- 01.79	110505	14	75		
Cutlass 5.7 Supreme Cruiser	01.74- 01.75	110505	14	75		
Cutlass 6.6	01.65- 01.66	110075	14	60	01.65- 01.66	110414 12
	01.68- 01.68	110505	14	75		
Cutlass 6.6 S	01.77- 01.77	110505	14	75		
Cutlass 6.6 Salon	01.77- 01.77	110505	14	75		
Cutlass 6.6 Supreme	01.77- 01.77	110505	14	75		
Cutlass 6.6 Supreme Brougham	01.77- 01.77	110505	14	75		
Cutlass 6.6 Turnpike Cruiser	01.67- 01.67	110075	14	60	01.67- 01.67	110414 12
Cutlass 7.5	01.70- 01.70	110505	14	75		
Cutlass 7.5 S	01.71- 01.71	110505	14	75		
Cutlass 7.5 Salon	01.75- 01.76	110505	14	75		
Cutlass 7.5 Supreme	01.71- 01.71	110505	14	75		
Cutlass 7.5 Supreme Brougham	01.76- 01.76	110505	14	75		
Cutlass 7.5 Supreme Cruiser	01.74- 01.74	110505	14	75		
Delmont 5.7 88	01.68- 01.68	110075	14	60		
Delmont 88 5.4	01.67- 01.67	110075	14	60		
Delmont 88 5.4 Holiday	01.67- 01.67	110075	14	60		
Delmont 88 7.0	01.67- 01.67	110075	14	60		
Delmont 88 7.0 Holiday	01.67- 01.67	110075	14	60		
Delta 4.4 88	01.82- 01.82	110505	14	75		
Delta 4.4 88 Royale	01.81-	110505	14	75	01.81-	110414 12
Delta 4.4 88 Royale Brougham	01.81-	110505	14	75		
Delta 88 3.8	01.77- 01.82	110505	14	75		
	01.83- 01.83	110508	14	78		
	01.83- 01.83	110471	14	94		
Delta 88 3.8 Royale	01.77- 01.82	110505	14	75		
	01.83- 01.85	110508	14	78		
	01.83- 01.85	110471	14	94		
	01.88-	111220	14	105		
Delta 88 3.8 Royale Brougham	01.80- 01.82	110505	14	75		
	01.83- 01.85	110508	14	78		
	01.83- 01.85	110471	14	94		
	01.88-	111220	14	105		
Delta 88 3.8 Royale Brougham LS	01.84- 01.84	110505	14	75		
	01.84- 01.84	110508	14	78		
	01.84- 01.84	110471	14	94		
Delta 88 3.8 Royale LS	01.92- 01.92	111220	14	105		
Delta 88 4.3	01.77- 01.79	110505	14	75		
Delta 88 4.3 Royale	01.77- 01.79	110505	14	75		
Delta 88 4.3 Royale Brougham	01.80- 01.81	110505	14	75		
Delta 88 4.4 Royale	01.82- 01.82	110505	14	75		
Delta 88 4.4 Royale Brougham	01.82- 01.82	110505	14	75		
Delta 88 4.9	01.79- 01.79	110505	14	75		
Delta 88 4.9 Royale	01.79- 01.79	110505	14	75		
Delta 88 5.0	01.80- 01.81	110505	14	75		
Delta 88 5.0 Royale	01.80- 01.81	110505	14	75		
	01.84- 01.85	110508	14	78		
Delta 88 5.0 Royale Brougham	01.80- 01.81	110505	14	75		
	01.84- 01.85	110508	14	78		
Delta 88 5.0 Royale Brougham LS	01.84- 01.85	110508	14	78		
Delta 88 5.4	01.67- 01.67	110075	14	60		
Delta 88 5.4 Holiday	01.67- 01.67	110075	14	60		
Delta 88 5.7	01.78- 01.79	110505	14	75		
	01.83- 01.83	110471	14	94		
Delta 88 5.7 Royale	01.78- 01.79	110505	14	75		
	01.84- 01.85	110508	14	78		
	01.83- 01.83	110471	14	94		
Delta 88 5.7 Royale Brougham	01.80- 01.82	110505	14	75		
	01.84- 01.85	110508	14	78		
	01.83- 01.83	110471	14	94		
Delta 88 5.7 Royale Brougham LS	01.84- 01.85	110508	14	78		
	01.84- 01.85	110471	14	94		
Delta 88 5.7	01.68- 01.71	110075	14	60	01.68- 01.71	110414 12
	01.72- 01.73	110233	14	63		
	01.68- 01.71	110505	14	75		
	01.91- 01.92	112629	14	100/105		
Delta 88 5.7 Custom	01.68- 01.70	110075	14	60	01.68- 01.70	110414 12
	01.68- 01.70	110505	14	75		
Delta 88 5.7 Royale	01.70- 01.70	110075	14	60	01.70- 01.70	110216 12 1.4
	01.72- 01.73	110233	14	63		
	01.70- 01.70	110505	14	75		
	01.91- 01.92	112629	14	100/105		
Delta 88 5.7 Royale Brougham	01.80- 01.80	110505	14	75		
Delta 88 6.6	01.75-	110505	14	75		
Delta 88 6.6 Royale	01.75-	110505	14	75		
Delta 88 7.0	01.65- 01.67	110075	14	60		
Delta 88 7.0 Holiday	01.65- 01.67	110075	14	60		



Delta 88 7.5	01.68- 01.71	110075	14 60	01.68- 01.71	110414	12	
	01.72- 01.76	110233	14 63				
	01.72- 01.76	110505	14 75				
Delta 88 7.5 Custom	01.68- 01.71	110075	14 60	01.68- 01.71	110216	12 1.4	
Delta 88 7.5 Royale	01.70- 01.71	110075	14 60				
	01.72- 01.76	110233	14 63				
	01.70- 01.71	110505	14 75				
Dynamic 6.5	01.60- 01.64	110075	14 60				
Dynamic 7.0	01.65- 01.66	110075	14 60				
Dynamic 7.0 Holiday	01.65- 01.66	110075	14 60				
F 85 3.5	01.61- 01.63	110075	14 60				
F 85 3.7	01.64- 01.65	110075	14 60				
F 85 4.1	01.68- 01.71	110075	14 60				
F 85 4.1 Holiday	01.66- 01.66	110075	14 60				
F 85 5.4	01.64- 01.67	110075	14 60				
F 85 5.4 Holiday	01.66- 01.66	110075	14 60				
F 85 5.7	01.68- 01.71	110233	14 63				
	01.68- 01.71	110505	14 75				
	01.68- 01.71	110075	14 60				
F 85 6.6	01.65- 01.66	110075	14 60				
F 85 7.5	01.72- 01.72	110233	14 63				
	01.72- 01.72	110505	14 75				
	01.70- 01.70	110075	14 60				
Fiesta 6.5	01.63- 01.63	110075	14 60				
Firenza 1.8	01.82- 01.86	110505	14 75				
Firenza 1.8 LC	01.86- 01.86	110508	14 78				
	01.86- 01.86	110471	14 94				
Firenza 1.8 LX	01.82- 01.86	110505	14 75				
Firenza 1.8 S	01.82- 01.86	110505	14 75				
Firenza 1.8 SX	01.82- 01.85	110505	14 75				
Firenza 2.0	01.83- 01.84	110492	14 108				
Firenza 2.0 LC	01.86- 01.86	110492	14 108				
Firenza 2.0 LX	01.83- 01.84	110492	14 108				
Firenza 2.0 S	01.83- 01.84	110492	14 108				
Firenza 2.0 SX	01.83- 01.84	110492	14 108				
Firenza 2.8	01.85- 01.85	110505	14 75				
	01.85- 01.85	110471	14 94				
Firenza 2.8 GT	01.86- 01.87	110505	14 75				
	01.86- 01.87	110471	14 94				
Firenza 2.8 LX	01.85- 01.85	110505	14 75				
	01.85- 01.85	110471	14 94				
Firenza 2.8 S	01.85- 01.85	110505	14 75				
	01.85- 01.85	110471	14 94				
Firenza 2.8 SX	01.85- 01.85	110505	14 75				
	01.85- 01.85	110471	14 94				
Jetstar 5.4 88	01.64- 01.66	110075	14 60				
Jetstar 5.4 88 Holiday	01.64- 01.66	110075	14 60				
Jetstar 6.5 88	01.64- 01.64	110075	14 60				
Jetstar 6.5 88 Holiday	01.64- 01.64	110075	14 60				
Jetstar 7.0 88	01.65- 01.65	110075	14 60				
Jetstar 7.0 88 Holiday	01.65- 01.65	110075	14 60				
Omega 2.5	01.80- 01.82	110505	14 75				
	01.83- 01.84	110508	14 78				
	01.83-	110471	14 94				
Omega 2.5 Brougham	01.80- 01.82	110505	14 75				
	01.83- 01.84	110508	14 78				
	01.83-	110471	14 94				
Omega 2.8	01.80- 01.80	110505	14 75				
Omega 2.8 Brougham	01.80- 01.80	110505	14 75				
	01.83- 01.84	110508	14 78				
Omega 3.8	01.78- 01.79	110505	14 75				
Omega 3.8 Brougham	01.78- 01.79	110505	14 75				
Omega 3.8 F85	01.77- 01.77	110505	14 75	01.77- 01.77	110216	12 1.4	
Omega 4.1	01.73- 01.76	110505	14 75				
Omega 4.1 Brougham	01.76- 01.76	110505	14 75				
Omega 4.1 F85	01.76-	110505	14 75				
Omega 4.1 Salon	01.75- 01.75	110505	14 75				
Omega 4.3	01.75- 01.77	110505	14 75				
Omega 4.3 Brougham	01.76- 01.77	110505	14 75				
Omega 4.3 F85	01.77-	110505	14 75				
Omega 4.3 Salon	01.75- 01.75	110505	14 75				
Omega 5.0	01.79- 01.79	110505	14 75				
Omega 5.0 Brougham	01.77- 01.78	110505	14 75	01.77- 01.78	110216	12 1.4	
Omega 5.0 F85	01.77- 01.77	110505	14 75				
Omega 5.7	01.75- 01.76	110233	14 63	01.75- 01.76	110216	12 1.4	
	01.73- 01.76	110505	14 75				
Omega 5.7 Brougham	01.76- 01.76	110233	14 63	01.76- 01.76	110216	12 1.4	
	01.77- 01.79	110505	14 75				
Omega 5.7 F85	01.76-	110233	14 63	01.76-	110216	12 1.4	
	01.77- 01.77	110505	14 75				
	01.91- 01.92	112629	14 100/105				
Omega 5.7 Salon	01.75- 01.75	110233	14 63	01.75- 01.75	110216	12 1.4	
	01.75- 01.75	110505	14 75				
Silhouette 3.4				01.98- 01.00	112900	12 1.4	
Silhouette 3.8	01.92- 01.95	111220	14 105	01.92- 01.95	112900	12 1.4	
Starfire 2.3	01.76- 01.77	110233	14 63	01.76- 01.77	110414	12	
	01.76- 01.77	110492	14 108	01.76- 01.77	110216	12 1.4	
	01.76- 01.77	110505	14 75				
Starfire 2.3 SX	01.76- 01.77	110233	14 63	01.76- 01.77	110414	12	
	01.76- 01.77	110492	14 108	01.76- 01.77	110216	12 1.4	
	01.76- 01.77	110505	14 75				
Starfire 2.5	01.78- 01.79	110505	14 75				
Starfire 2.5 SX	01.78- 01.78	110505	14 75				
Starfire 3.8	01.75- 01.77	110505	14 75	01.75- 01.77	110216	12 1.4	
Starfire 3.8 SX	01.76- 01.77	110505	14 75				
Starfire 5.0	01.77- 01.78	110505	14 75				
Starfire 5.0 SX	01.77- 01.78	110505	14 75				
Starfire 6.5	01.61- 01.64	110075	14 60	01.61- 01.64	110414	12	
Starfire 7.0	01.65- 01.66	110075	14 60	01.65- 01.66	110414	12	
Super 88 6.5	01.60- 01.64	110075	14 60				

**OLDSMOBILE** Continued

Toronado 4.1	01.84-	110492	14	108	01.84-	110216	12	1.4
Toronado 5.0	01.80-	110505	14	75				
	01.85-	110508	14	78				
	01.91- 01.93	112629	14	100/105				
Toronado 5.0 Brougham	01.80- 01.85	110505	14	75				
Toronado 5.7	01.80-	110505	14	75				
	01.84-	110508	14	78				
	01.85-	110471	14	94				
	01.91- 01.92	112629	14	100/105				
Toronado 5.7 Brougham	01.79- 01.85	110505	14	75				
Toronado 5.7	01.80-	110505	14	75				
	01.91- 01.92	112629	14	100/105				
Toronado 5.7 Brougham	01.79- 01.80	110505	14	75				
Toronado 5.7 XSR	01.91- 01.92	112629	14	100/105				
Toronado 6.6	01.78- 01.78	110505	14	75				
Toronado 6.6 Brougham	01.77- 01.78	110505	14	75				
Toronado 6.6 XSR	01.77- 01.77	110505	14	75				
Toronado 7.0	01.66- 01.67	110075	14	60	01.66- 01.67	110216	12	1.4
Toronado 7.5	01.68- 01.71	110075	14	60	01.68- 01.71	110216	12	1.4
	01.68- 01.71	110505	14	75				
Toronado 7.5 Brougham	01.75- 01.75	110505	14	75	01.75- 01.75	110216	12	1.4
Vista 5.7 Cruiser	01.68- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63				
	01.68- 01.71	110505	14	75				
	01.91- 01.92	112629	14	100/105				
Vista 6.6 Cruiser	01.77- 01.77	110505	14	75				
Vista 7.5 Cruiser	01.70- 01.71	110075	14	60				
	01.72- 01.74	110233	14	63				
	01.70- 01.71	110505	14	75				
Vista Cruiser 3.7	01.64- 01.65	110075	14	60				
Vista Cruiser 5.4	01.64- 01.67	110075	14	60				
OMC								
MARINE								
Marine 2.5	01.84- 01.86	111250	14	42	DR			
Marine 3.0	01.84- 01.87	111250	14	42				
Marine 3.8	01.84- 01.85	111250	14	42				
Marine 4.3	01.84- 01.86	111250	14	42				
Marine 5.0	01.84- 01.86	111250	14	42				
Marine 5.7	01.84- 01.86	111250	14	42				
Various Models						111786	12	1.6
						112157	12	
	01.85-	110540	14	55	01.85-	111277	12	
	01.81- 01.87	111250	14	42	01.81- 01.87	110216	12	1.4
	01.85-	111710	14	65	01.85-	112145	12	0.5
	01.85-	110959	14	55	01.85-	112232	12	2.4
Onan								
MOTORS								
Various Models						113476	12	
						113141	12	0.8
Opel								
PASSENGER CARS EU								
Adam 1.2	[A12XEL]	10.12-	114727	14	130	10.12-	115395	12 1.1
Adam 1.4 LPG	[A14XEL]	07.13-	114727	14	130	07.13-	115395	12 1.1
		07.13-	114728	14	100	07.13-	115646	12 1.1
Adam 1.4	[A14XEL]	10.12-	114727	14	130	10.12-	115395	12 1.1
	[A14XER]	10.12-	114727	14	130	10.12-	115395	12 1.1
Adam 1.4 S	[B14NEH]	11.14-	114727	14	130	11.14-	115646	12 1.1
		11.14-	114728	14	100			
	A25					11.14-	116282	12 1.7 BO
Adam 1.5 Diesel		06.18-	116541	14	120	A25 06.18-	115646	12 1.1
Agila 1.0 LPG	[K10B]	01.10-	114247	14	75	01.10-	115869	12 1.3 A49
Agila 1.0	[K10B]	09.07-	114247	14	75	09.07-	114871	12 1.1
	[Z10XEP]	08.03-	111824	14	70	08.03-	111123	12 0.9
Agila 1.0 i 12V	[Z10XE]	09.00-	111824	14	70	Chas. -19P00893 09.00-	111123	12 0.9
Agila 1.2 LPG	[K12B]	09.07-	114247	14	75			
Agila 1.2	[K12B]	09.07-	114247	14	75	09.07-	114871	12 1.1
Agila 1.2 16V Twinport	[Z12XEP]	07.04-	111824	14	70	07.04-	111684	12 1.4
Agila 1.2 i 16V	[Z12XE]	Chas. 1G021260- 09.00-	111824	14	70	09.00-	111123	12 0.9
Agila 1.3 CDTi	[D13A]	09.07-	113720	14	75 A49	09.07-	113276	12 1.1
		09.07-	113722	14	90	09.07-	113843	12 1.1
		09.07-	116064	14	75			
	[Z13DT]	08.03-	113720	14	75 A49	08.03-	113276	12 1.1
		08.03-	113722	14	90 A49	08.03-	113719	12 1.3
		08.03- 12.07	115963	14	90			
		08.03- 12.07	116064	14	75			
	[Z13DTJ]	09.07-	113720	14	75 A49	Chas. 19P00894- 09.07-	113276	12 1.1
		09.07-	113722	14	90			
		09.07-	116064	14	75			
Antara 2.0 CDTi	[Z20DMH]	05.06-	115380	14	120	05.06-	111848	12 1.0
						05.06-	114159	12 1.8
	[Z20S]	05.06-	115380	14	120	05.06-	111848	12 1.0
						05.06-	115571	12 2.2
						05.06-	114159	12 1.8
Antara 2.2 CDTi	[A22DM]	12.10-	115761	14	140	12.10-	115571	12 2.2
						07.14-	114159	12 1.8
Antara 2.2 CDTi 4x4	[A22DM]	12.10-	115761	14	140	12.10-	115571	12 2.2
	[A22DMH]	12.10-	115761	14	140	12.10-	114159	12 1.8
Antara 2.4	[A24XE]	12.10-	116180	14	140	12.10-	115571	12 2.2
Antara 3.2 V6	[10HM]	03.07-	114235	14	120	03.07-	111848	12 1.0
	[Z32SEE]	03.07-	114235	14	120	03.07-	111848	12 1.0
Arena 1.9 Diesel	[19DJ]	01.97- 12.01	111718	14	75	01.97- 12.01	113481	12 1.4
	[19DL]	01.97- 12.01	111718	14	75	01.97- 12.01	113481	12 1.4
	[F8Q600]	03.98- 08.01	111718	14	75	03.98- 08.01	113481	12 1.4
	[F8Q606]	03.98- 08.01	111718	14	75	03.98- 08.01	113481	12 1.4
Arena 2.5 Diesel	[Z5DGC]	01.97- 12.01	111937	14	75	01.97- 12.01	113134	12 2.2
		01.97- 12.01	112057	14	110			
	[Z5DGM]	01.97- 12.01	111937	14	75	01.97- 12.01	113134	12 2.2
		01.97- 12.01	112057	14	110			
	[S8U780]	03.98- 08.01	111937	14	75	03.98- 08.01	113481	12 1.4
		03.98- 08.01	112057	14	110	03.98- 08.01	113134	12 2.2



	[S8U782]	03.98- 08.01	112057	14	110				
Ascona A 1.2 S	[12S]	04.72- 08.75	110077	14	50				
Ascona B 1.2	[12N]	08.76- 02.79	110077	14	50				
Ascona B 1.2 S	[12S]	09.75- 02.79	110077	14	50				
Ascona B 1.3	[13N]	03.79- 08.81	113376	14	55				
Ascona B 1.3 S	[13S]	08.79- 08.81	113376	14	55				
Ascona B 2.0 Diesel	[20D]	08.78- 08.81	113376	14	55				
Ascona B 2.0	[20N]	08.77- 08.81	113376	14	55				
Ascona C 1.3	[13N]	09.81- 08.86	113376	14	55	09.81- 08.86	111127	12	1.4
Ascona C 1.3 S	[13S]	09.81- 08.88	113376	14	55				
Ascona C 1.6 Diesel	[16D]	09.84- 08.88	112056	14	70	09.84- 08.88	111123	12	0.9
	[16DA]	09.84- 08.88	112056	14	70	09.84- 08.88	111123	12	0.9
Ascona C 1.6	[16N]	09.81- 08.88	111168	14	55	09.81- 08.88	110839	12	1.7
	[16SV]	09.86- 08.88	113376	14	55				
Ascona C 1.6 i	[C16LZ]	09.86- 08.87	113376	14	55	09.86- 08.87	111127	12	1.4
	[C16NZ]	09.87- 08.88	113376	14	55	09.87- 08.88	111127	12	1.4
	[E16LZ]	09.87- 08.88	113376	14	55	09.87- 08.88	111127	12	1.4
	[E16NZ]	09.87- 08.88	113376	14	55	09.87- 08.88	111127	12	1.4
Ascona C 1.6 S	[16SH]	09.81- 08.86	111168	14	55	09.81- 08.86	110847	12	1.4 BO
Ascona C 1.8	[E18NV]	09.87- 08.88	111168	14	55	09.87- 08.88	110847	12	1.4 BO
	[S18NV]	01.85- 08.86	111168	14	55	01.85- 08.86	110847	12	1.4 BO
Ascona C 1.8 E	[C18NE]	01.85- 08.86	111168	14	55	01.85- 08.86	110847	12	1.4 BO
Ascona C 1.8 i	[18E]	09.82- 08.86	111168	14	55	09.82- 08.86	110847	12	1.4 BO
						09.82- 08.86	111123	12	0.9
	[C18NE]	01.85- 08.86	111168	14	55	01.85- 08.86	110847	12	1.4 BO
Ascona C 2.0 GTi	[20SEH]	03.87- 08.88	111168	14	55	03.87- 08.88	111123	12	0.9
Ascona C 2.0 i	[20NE]	09.86- 08.88	111168	14	55	09.86- 08.88	111123	12	0.9
	[20SEH]	03.87- 08.88	111168	14	55	03.87- 08.88	111123	12	0.9
	[C20NE]	09.86- 08.88	111168	14	55	09.86- 08.88	110839	12	1.7
Astra A+ 1.4	[Z14XEP]	02.07- 06.10	111824	14	70	02.07- 06.10	113276	12	1.1
		02.07- 06.10	113265	14	120				
		02.07- 06.10	114451	14	105	02.07- 06.10	114298	12	1.1
		02.07- 06.10	114492	14	100				
		02.07- 06.10	115304	14	120				
Astra Classic 1.4	[Z14XEP]	01.09-	111824	14	70	01.09-	112320	12	1.4
		01.09-	113265	14	120				
		01.09-	114492	14	100				
		01.09-	115304	14	120				
Astra Classic 1.7 CDTi	[A17DTJ]	01.09-	114512	14	140	01.09-	113276	12	1.1
		01.09-	114665	14	100				
	[Z17DTJ]	01.09-	114512	14	140	01.09-	114298	12	1.1
		01.09-	114665	14	100				
Astra Classic 1.8	[Z18XER]	02.13-	115306	14	120				
		02.13-	115843	14	120				
Astra Classic Estate 1.6	[Z16XER]	01.09-	114668	14	100				
		01.09-	115306	14	120				
Astra Classic Estate 1.7 CDTi	[A17DTR]	01.09-	114512	14	140	01.09-	112320	12	1.4
		01.09-	114665	14	100	01.09-	114298	12	1.1
Astra Classic Saloon 1.7 CDTi	[A17DTR]	01.09-	114512	14	140	01.09-	112320	12	1.4
	[Z17DTJ]	01.09-	114512	14	140	01.09-	112320	12	1.4
		01.09-	114665	14	100				
Astra F 1.4	[14NV]	09.91-	112229	14	70				
	[14SE]	09.92- 01.98	110077	14	50	09.92- 01.98	110847	12	1.4 BO
		PS 09.92-	111426	14	100	09.92-	111123	12	0.9
Astra F 1.4 i 16V	[X14NZ]	PS 01.98-	112229	14	70				
	[X14XE]	01.96- 02.98	111426	14	100	01.96- 02.98	111123	12	0.9
		01.96- 02.98	111732	14	120	01.96- 02.98	111684	12	1.4
		02.96-	112229	14	70				
		09.97- 03.01	111990	14	70				
		09.97- 02.98	115619	14	120				
		03.98-	112416	14	100				
Astra F 1.4 i	[C14NZ]	09.91- 01.98	110077	14	50	09.91- 01.98	110839	12	1.7
		PS, Chas. P25...;P30...;P40... PS 09.92- 01.98	112229	14	70	10.91- 01.99	110847	12	1.4 BO
		PS 09.92- 01.98	111426	14	100	09.92- 01.98	111123	12	0.9
	[C14SE]	03.92- 09.98	110077	14	50	03.92- 09.98	110839	12	1.7
		PS 08.92- 02.98	112229	14	70	09.92-	111123	12	0.9
		PS 09.92-	111426	14	100				
	[X14NZ]	09.91- 09.98	110077	14	50	09.91- 09.98	111123	12	0.9
		09.91- 09.98	112229	14	70	09.91- 09.98	111127	12	1.4
		PS 09.91- 09.98	111426	14	100				
Astra F 1.4 Si	[C14SE]	03.92- 01.98	110077	14	50	03.92- 01.98	110839	12	1.7
		PS 08.92- 03.96	112229	14	70	05.93- 03.01	110847	12	1.4 BO
Astra F 1.6	[16LZ2]	09.95- 01.98	111426	14	100	09.95- 01.98	111123	12	0.9
		09.95- 01.98	111732	14	120	09.95- 09.98	113276	12	1.1
		09.95- 01.98	112229	14	70				
		02.98-	111990	14	70				
	[C16SE]	03.92- 12.94	111426	14	100	03.92- 12.94	111127	12	1.4
		03.92- 12.94	111732	14	120				
		PS 03.92- 12.94	112229	14	70				
Astra F 1.6 i 16V	[X16XEL]	08.94- 09.98	110077	14	50	08.94- 09.98	110847	12	1.4
		09.94-	112229	14	70				
Astra F 1.6 i	[16LZ2]	09.94- 01.98	111426	14	100	09.94- 01.98	111127	12	1.4
		09.94- 01.98	111732	14	120				
		09.95- 01.98	112229	14	70				
	[16NZR]	PS 09.95- 01.98	111426	14	100	09.95- 01.98	111127	12	1.4
	[C16NZ]	09.91- 01.98	110077	14	50	09.91- 01.98	110847	12	1.4 BO
		PS 03.92- 08.94	112229	14	70	09.91- 01.98	111123	12	0.9
		PS 09.92- 08.94	111426	14	100				
		09.91- 08.94	111732	14	120				
	[C16SE]	03.92- 12.94	110077	14	50	03.92- 12.94	110839	12	1.7
		09.94- 02.98	112229	14	70	03.92- 12.94	110847	12	1.4 BO
		PS 09.92-	111426	14	100	09.92-	111123	12	0.9
	[C16SZR]	PS 03.92- 08.94	111426	14	100	03.92- 08.94	111127	12	1.4
		PS 03.92- 08.94	112229	14	70				
	[X16SZ]	03.93- 08.96	110077	14	50	03.93- 08.96	110839	12	1.7
		PS, Chas. P25...;P30... PS 09.92- 03.96	112229	14	70				
	[X16SZR]	09.91- 01.98	110077	14	50	09.91- 01.98	110839	12	1.7
		PS 09.92- 06.93	112229	14	70	09.91- 01.98	111123	12	0.9
		PS 09.92- 06.93	111426	14	100	01.96- 03.01	110847	12	1.4 BO



OPEL Continued

	[X16XEL]	08.94- 03.98	111426	14	100	08.94- 03.98	111127	12	1.4
		08.94- 03.98	111732	14	120				
Astra F 1.7 Diesel	[17D]	12.91-	111168	14	55	12.91-	111123	12	0.9
		12.91- 09.92	111515	14	70	12.91- 09.92	111127	12	1.4
		12.91- 08.94	112056	14	70	12.91- 09.92	111848	12	1.0
	[17DR]	12.91- 08.94	112056	14	70	07.92- 09.98	111123	12	0.9
		07.92- 09.98	111426	14	100	07.92- 01.98	111848	12	1.0
		07.92- 01.98	111515	14	70				
Astra F 1.7 TD	[X17DT (TC4EE1)]	03.95- 02.98	111186	14	70	03.95- 02.98	111123	12	0.9
		03.95- 02.98	111515	14	70	03.95- 02.98	111848	12	1.0
	[X17DTL]	12.91- 03.96	111186	14	70	12.91- 03.96	111123	12	0.9
		08.94- 01.99	111515	14	70	08.94- 01.99	111848	12	1.0
		08.94-	112056	14	70				
	AC	04.96-	111831	14	100	VP			
Astra F 1.7 TDS	[17DT (TC4EE1)]	12.91- 01.98	111186	14	70	12.91- 01.98	111123	12	0.9
	Chas. T2000001-	04.96- 01.98	111515	14	70	04.96- 01.98	111127	12	1.4
						04.96- 01.98	111848	12	1.0
	[X17DT (TC4EE1)]	04.96- 01.98	111515	14	70	04.96- 01.98	111848	12	1.0
	AC	04.96- 01.98	111831	14	100	04.96-	111127	12	1.4
Astra F 1.8	[18SE]	11.91- 07.93	111426	14	100	11.91- 07.93	111127	12	1.4
		11.91- 07.93	111732	14	120				
		11.91- 07.93	112229	14	70				
Astra F 1.8 16V	[18SE]	09.95- 09.96	111426	14	100	09.95- 09.96	111127	12	1.4
		09.95- 09.96	111732	14	120				
		09.95- 09.96	112229	14	70				
Astra F 1.8 i 16V	[C18XE]	06.93- 01.98	111514	14	100	09.92-	111123	12	0.9
		09.92-	111426	14	100	09.92-	111848	12	1.0
		09.92-	111732	14	120	06.93- 01.98	111127	12	1.4
		09.93- 01.98	112229	14	70	06.93- 01.98	111690	12	1.1
	[C18XEL]	07.94- 03.96	111426	14	100	07.94- 03.96	111123	12	0.9
		07.94- 01.98	111514	14	100	07.94- 01.98	111127	12	1.4
		07.94- 03.96	111732	14	120	07.94- 03.96	111690	12	1.1
		07.94- 03.96	112229	14	70				
	[X18XE]	04.96- 02.98	111426	14	100	07.94- 01.98	111127	12	1.4
		04.96- 04.98	112229	14	70	09.95- 08.98	111690	12	1.1
		07.94- 01.98	111514	14	100	04.96- 02.98	111123	12	0.9
		09.95- 08.98	111732	14	120	04.96-	111684	12	1.4
						Eng. 997453-			
Astra F 1.8 i	[C18NZ]	06.93- 08.94	112229	14	70	09.91- 08.92	111123	12	0.9
		09.91- 08.92	111169	14	70	09.91- 01.98	111127	12	1.4
		09.91- 02.98	111426	14	100	09.91- 02.98	111848	12	1.0
		09.91- 01.98	111514	14	100	09.92- 02.98	111690	12	1.1
		09.91- 02.98	111732	14	120				
Astra F 2.0 GSi 16V	[C20XE]	09.91- 02.98	111426	14	100	09.91- 02.98	111127	12	1.4
		09.91- 02.98	111732	14	120				
		09.91- 02.98	112056	14	70				
		PS 09.91-	112229	14	70				
Astra F 2.0 i 16V	[C20XE]	09.91-	111426	14	100	09.91-	111127	12	1.4
		09.91-	111732	14	120				
		09.91-	112056	14	70				
		09.91-	112229	14	70				
	[X20XEV]	01.95-	111426	14	100	01.95-	111123	12	0.9
		01.95-	111732	14	120	01.95-	111684	12	1.4
		01.95-	112229	14	70	02.95- 01.98	111127	12	1.4
		02.95- 01.98	111514	14	100				
		02.98-	111990	14	70				
		03.98-	112416	14	100				
Astra F 2.0 i	[C20NE]	09.91- 08.92	111169	14	70	09.91- 08.92	111123	12	0.9
		09.91- 02.98	111426	14	100	09.91- 02.98	111127	12	1.4
		09.91- 07.94	111514	14	100				
		09.91- 02.98	111732	14	120				
		09.92- 02.98	112229	14	70				
Astra Family 1.4	[Z14XEP]	01.09-	111824	14	70	01.09-	113276	12	1.1
		01.09-	113265	14	120				
		01.09-	114492	14	100				
		01.09-	115304	14	120				
Astra G 1.2	[X12XE]	09.98- 08.00	111824	14	70	09.98- 08.00	111123	12	0.9
Astra G 1.2 16V	[X12XE]	02.98-	111824	14	70	02.98-	110839	12	1.7
		02.98-	113265	14	120	02.98-	113674	12	2.0
Astra G 1.2 i 16V	[X12XE]	09.98-	111824	14	70	09.98-	110839	12	1.7
		09.98-	113265	14	120	09.98-	113674	12	2.0
	[Z12XE]	09.00-	111824	14	70	09.00-	110839	12	1.7
		09.00-	113265	14	120	09.00-	113674	12	2.0
						09.00-	114341	12	1.2
Astra G 1.4	[Z14XE,X14XE]	09.98- 04.05	111990	14	70	09.98- 04.05	111123	12	0.9
		09.98- 04.05	112416	14	100	09.98- 04.05	113276	12	1.1
						Chas. -12257452, -15257663, -18131574			
		09.98- 04.05	115619	14	120				
Astra G 1.4 i 16V	[X14XE]		111990	14	70		112320	12	1.4
			112416	14	100		112431	12	1.1
		Chas. -12257452, -15257663, -18131574	115619	14	120	Chas. -12257452, -15257663, -18131574	113276	12	1.1
	[Z14XE]	09.20-	111990	14	70	09.20-	112320	12	1.4
		09.20-	112416	14	100	09.20-	112431	12	1.1
		09.20-	115619	14	120	09.20-	113276	12	1.1
Astra G 1.4 LPG LPG	[Z14XE,X14XE]	03.98- 01.05	111990	14	70	03.98- 01.05	111123	12	0.9
		03.98- 01.05	112416	14	100	03.98- 01.05	113276	12	1.1
						Chas. -12257452, -15257663, -18131574			
		03.98- 01.05	113265	14	120	03.98- 01.05	114298	12	1.1
		03.98- 01.05	115619	14	120	03.98- 07.04	114341	12	1.2
Astra G 1.6	[Z16YNG]		115619	14	120				
Astra G 1.6	[Z16XE,C16SEL]	09.98- 01.04	111990	14	70	09.98- 01.04	111123	12	0.9
		09.98- 01.04	112416	14	100	09.98- 01.04	113276	12	1.1
		09.98- 01.04	113265	14	120	09.98- 01.04	114341	12	1.2
		09.98- 01.04	115619	14	120				
Astra G 1.6 16V	[X16XEL]		111990	14	70		112320	12	1.4
			112416	14	100		112431	12	1.1
		Chas. -12257452, -15257663, -18131574	115619	14	120	Chas. -12257452, -15257663, -18131574	113276	12	1.1



Astra G 1.6 i 16V	[X16XEL]	02.98-	111990	14 70	02.98-	111123	12 0.9
		09.98-	112416	14 100	09.98-	113276	12 1.1
		Chas. -12257452, - 09.97- 08.01	115619	14 120			
	[Z16XE]		111990	14 70	09.20-	112320	12 1.4
			112416	14 100	09.20-	113276	12 1.1
			115619	14 120	09.98-	111123	12 0.9
Astra G 1.6 i	[X16SZR]	02.98-	111990	14 70	Ecotec 02.98-	111123	12 0.9
		02.98-	112416	14 100	02.98-	113276	12 1.1
		7452, -15257663, -18131574 09.97- 09.00	115619	14 120			
	[Z16SE]		111990	14 70	09.20-	112320	12 1.4
			112416	14 100	09.20-	112431	12 1.1
			115619	14 120	Chas. -12257452, -15257663, -18131574 09.20-	113276	12 1.1
Astra G 1.6 LPG LPG	[Z16XE]	03.98- 07.04	111990	14 70	03.98- 07.04	111123	12 0.9
		03.98- 07.04	112416	14 100	03.98- 07.04	113276	12 1.1
		03.98- 07.04	113265	14 120	03.98- 07.04	114341	12 1.2
Astra G 1.6 LPG (F08 F48)	[X16SZR]	03.98- 01.05	111990	14 70	03.98- 01.05	111848	12 1.0
		03.98- 01.05	112416	14 100	03.98- 01.05	113674	12 2.0
		03.98- 01.05	115619	14 120			
Astra G 1.6 LPG (F35)	[X16SZR]	03.98- 09.00	111990	14 70	03.98- 09.00	111848	12 1.0
		03.98- 09.00	112416	14 100	03.98- 09.00	113276	12 1.1
		03.98- 09.00	115619	14 120			
	[Z16SE]	09.00- 07.04	111990	14 70	09.00- 07.04	111848	12 1.0
		09.00- 07.04	112416	14 100	09.00- 07.04	113674	12 2.0
		09.00- 07.04	115619	14 120			
Astra G 1.6 LPG (F48)	[Z16SE]	03.98- 01.05	111990	14 70	03.98- 01.05	111848	12 1.0
		03.98- 01.05	112416	14 100	03.98- 01.05	113674	12 2.0
		03.98- 01.05	115619	14 120			
Astra G 1.6 LPG (F69)	[X16SZR]	10.98- 06.00	111990	14 70	10.98- 06.00	111848	12 1.0
		10.98- 06.00	112416	14 100	10.98- 06.00	113674	12 2.0
		10.98- 06.00	115619	14 120			
	[Z16SE]	09.00- 01.05	111990	14 70	09.00- 01.05	111848	12 1.0
		09.00- 01.05	112416	14 100	09.00- 01.05	113674	12 2.0
		09.00- 01.05	115619	14 120			
Astra G 1.6 LPG (F70)	[X16SZR]	01.99- 09.00	111990	14 70	01.99- 09.00	112320	12 1.4
		01.99- 09.00	112416	14 100	01.99- 09.00	113276	12 1.1
		01.99- 09.00	115619	14 120			
	[Z16SE]	12.00- 04.05	111990	14 70	12.00- 04.05	111848	12 1.0
		12.00- 04.05	112416	14 100	12.00- 04.05	113276	12 1.1
		12.00- 04.05	115619	14 120			
Astra G 1.7 CDTi	[Z17DTL]	03.03- 01.04	112271	14 100	03.03- 01.04	111848	12 1.0
Astra G 1.7 DTi 16V	[Y17DT]	02.00- 04.05	112271	14 100	Ecotec 07.03- 11.04	111684	12 1.4
					02.00- 04.05	111684	12 1.4
					02.00- 04.05	111848	12 1.0
Astra G 1.7 TD	[X17DTL]	02.00- 04.05	112272	14 70	02.00- 04.05	113276	12 1.1
		02.98-	112720	14 100	02.98-	113674	12 2.0
Astra G 1.8 16V	[X18XE1]	02.98-	111990	14 70	02.98-	111123	12 0.9
		02.98-	112416	14 100	02.98-	113276	12 1.1
		Chas. -12257452, - 09.97- 08.00	115619	14 120			
Astra G 1.8 i 16V	[X18XE1]	03.00-	111990	14 70	03.00-	111123	12 0.9
		03.00-	112416	14 100	03.00-	113276	12 1.1
		Chas. -12257452, - 09.97- 08.00	115619	14 120			
	[Z18XE]	09.00-	111990	14 70	09.00-	111123	12 0.9
		09.00-	112416	14 100	09.00-	113276	12 1.1
		Chas. -12257452, - 09.00- 01.04	115619	14 120			
Astra G 2.0 Diesel Di	[X20DTL]	01.99- 04.05	113879	14 100			
		01.99- 04.05	116334	14 120			
Astra G 2.0 Diesel	[X20DTL]	02.98- 01.05	113879	14 100	02.98- 01.05	114298	12 1.1
		02.98- 01.05	116334	14 120			
	[Y20DTL]	09.00- 06.04	116334	14 120			
		02.98- 01.05	113879	14 100			
Astra G 2.0 DTi 16V	[X20DTH]	08.99- 01.05	116334	14 120			
Astra G 2.0 DTi	[Y20DTH]	08.99- 01.05	116334	14 120			
Astra G 2.0	[Z20LER]	11.02-	112416	14 100	Chas. -12257452, -15257663, -18131574 11.02-	113276	12 1.1
		11.02- 03.05	115619	14 120			
	[Z20LET]	09.02- 01.04	115619	14 120	11.02-	113276	12 1.1
		11.02-	112416	14 100			
Astra G 2.0 OPC	[Z20LET]	09.01- 06.04	115619	14 120	09.02-	113276	12 1.1
		09.02-	112416	14 100			
Astra G 2.0 16V	[X20XEV]	02.98-	111990	14 70	02.98-	111123	12 0.9
		02.98-	112416	14 100	02.98-	113276	12 1.1
		09.97- 01.04	115619	14 120			
	[Z20LET]	03.02-	112416	14 100	03.02-	113276	12 1.1
Astra G 2.0 i 16V	[X20XER]	11.99-	112416	14 100	11.99-	113276	12 1.1
		11.99- 09.02	115619	14 120			
	[X20XEV]	03.98-	111990	14 70	03.98-	111123	12 0.9
		09.98-	112416	14 100	09.98-	113276	12 1.1
		09.98- 01.04	115619	14 120			
Astra G 2.0 Turbo 16V	[Z20LET]	12.00-	112416	14 100	12.00-	113276	12 1.1
Astra G 2.2 DTi	[Y22DTR]	09.02- 01.05	114656	14 140			
Astra G 2.2 i 16V	[Z22SE]	09.02- 01.05	116334	14 120			
		06.00- 01.05	116468	14 100	09.00-	113674	12 2.0
		09.00-	113352	14 120			
Astra G Classic 1.6	[Z16XEP]				02.06- 07.09	113276	12 1.1
Astra H 1.2	[Z12XEP]				02.06- 07.09	114298	12 1.1
		08.05-	111824	14 70	08.05-	111123	12 0.9
		08.05-	113265	14 120	08.05-	112320	12 1.4
		08.05-	114492	14 100			
		08.05-	115304	14 120			
Astra H 1.3 CDTi	[Z13DTH]	08.05-	113720	14 75 A49	08.05-	112320	12 1.4
		08.05-	113722	14 90 A49	08.05-	111848	12 1.0
		08.05-	114451	14 105	08.05-	114298	12 1.1
		08.05-	115308	14 120	08.05-	115869	12 1.3 A49
		08.05-	115963	14 90			
		08.05-	116064	14 75			



OPEL Continued

Astra H 1.3 CDTi GTC	[Z13DTH]	01.06-	113722	14	90	A49	01.06-	112320	12	1.4
		01.06-	114451	14	105		01.06-	114298	12	1.1
		01.06-	115308	14	120					
		01.06-	115963	14	90					
Astra H 1.4 LPG	[Z14XEP]	08.09-	111824	14	70		08.09-	112320	12	1.4
		08.09-	113265	14	120					
		08.09-	114492	14	100					
		08.09-	115304	14	120					
Astra H 1.4	[Z14XEL]	03.05-	113722	14	90	A49	03.04-	112320	12	1.4
		03.05-	115963	14	90		03.05-	111848	12	1.0
		04.04- 10.04	111824	14	70		04.04- 10.04	112320	12	1.4
		04.04- 10.04	113265	14	120		08.04-	111123	12	0.9
Astra H 1.4 EcoTec	[Z14XEP]	03.04-	113265	14	120					
		12.04- 12.12	111824	14	70		12.04- 12.12	112320	12	1.4
		12.04- 12.12	113265	14	120		12.04- 12.12	115869	12	1.3
		12.04- 12.12	114451	14	105					
Astra H 1.4 Twinport GTC	[Z14XEP]	12.04- 12.12	114492	14	100					
		12.04- 12.12	115304	14	120					
		03.05-	113265	14	120		03.05-	112320	12	1.4
		08.09-	114668	14	100					
Astra H 1.6	[Z16XER]	08.09-	115306	14	120					
		12.06-	114668	14	100					
		12.06-	115306	14	120					
		12.06-	114668	14	100					
Astra H 1.6 EcoTec	[Z16XER]	12.06-	115306	14	120					
		10.06- 12.10	114668	14	100					
		10.06- 12.10	115306	14	120					
		12.06-	114668	14	100					
Astra H 1.6 GTC	[Z16XER]	12.06-	115306	14	120					
		02.07-	115843	14	120					
		02.07-	115843	14	120					
		02.07-	114512	14	140					
Astra H 1.6 Turbo	[Z16LET]	02.07-	114665	14	100					
		02.07-	114512	14	140					
		02.07-	114665	14	100					
		03.04-	113956	14	100		03.04-	113276	12	1.1
Astra H 1.6 Turbo GTC	[Z16LET]	03.04-	114121	14	110		03.04-	114298	12	1.1
		03.04-	113956	14	100		03.04-	114298	12	1.1
		03.04-	114121	14	110		03.04-	114298	12	1.1
		02.07-	114512	14	140		03.04-	113276	12	1.1
Astra H 1.7 CDTi	[A17DTJ]	02.07-	114665	14	100		03.04-	114298	12	1.1
		03.04-	114121	14	110		12.04- 07.07	113719	12	1.3
		03.04-	113956	14	100					
		02.07-	114665	14	100					
Astra H 1.7 CDTi GTC	[Z17DTH]	02.07-	114665	14	100					
		02.07-	114665	14	100					
		08.04-	113956	14	100		08.04-	113276	12	1.1
		08.04-	114121	14	110		08.04-	114298	12	1.1
Astra H 1.7 CDTi Ecotec	[Z17DTL]	03.05- 03.07	113956	14	100		03.05- 03.07	113276	12	1.1
		AC 03.05- 03.07	114121	14	110		03.05- 03.07	114298	12	1.1
		03.05-	113956	14	100					
		AC 03.05-	114121	14	110					
Astra H 1.7 CRDi	[Z17DT]	02.07-	114665	14	100					
		02.07-	114665	14	100					
		03.05-	113956	14	100		03.05-	113276	12	1.1
		AC 03.05-	114121	14	110		03.05-	114298	12	1.1
Astra H 1.8	[A18XER]	09.05-	114668	14	100					
		09.05-	115306	14	120					
		03.04-	115619	14	120					
		09.05-	114668	14	100					
Astra H 1.8 Ecotec	[A18XER]	09.05-	115306	14	120					
		02.07-	115306	14	120					
		02.07-	115306	14	120					
		02.07-	115306	14	120					
Astra H 1.8 GTC	[Z18XER]	01.06-	114668	14	100					
		01.06-	115306	14	120					
		03.05-	115619	14	120					
		03.05-	115619	14	120					
Astra H 1.8 i GTC	[Z18XE]	04.04-	113904	14	130		04.04-	114029	12	1.8
		04.04-	113955	14	105		04.04-	113276	12	1.1
		04.04-	114088	14	140		04.04-	114298	12	1.1
		04.04-	114204	14	120		04.04-	114298	12	1.1
Astra H 1.9 CDTi 16V	[Z19DTH]	04.04-	115487	14	140	A49				
		04.04-	113904	14	130		04.04-	114029	12	1.8
		04.04-	113955	14	105		04.04-	113276	12	1.1
		04.04-	114088	14	140		04.04-	114298	12	1.1
Astra H 1.9 CDTi 16V GTC	[Z19DTJ]	04.04-	114204	14	120		08.04-	114058	12	1.7
		04.04-	115487	14	140	A49	08.04-	111848	12	1.0
		04.04-	115487	14	140	A49	08.04-	113931	12	1.7
		03.05-	113904	14	130		03.05-	114058	12	1.7
Astra H 1.9 CDTi	[Z19DTH]	03.05-	113955	14	105		03.05-	111848	12	1.0
		03.05-	114088	14	140		03.05-	113931	12	1.7
		03.05-	114204	14	120		03.05-	114298	12	1.1
		03.05-	115487	14	140	A49	03.05-	114298	12	1.1
Astra H 1.9 CDTi	[Z19DTJ]	09.05-	113904	14	130		09.05-	113843	12	1.1
		09.05-	113955	14	105		09.05-	114029	12	1.8
		09.05-	114088	14	140		09.05-	114058	12	1.7
		09.05-	114204	14	120		09.05-	113276	12	1.1
Astra H 1.9 CDTi	[Z19DTH]	09.05-	115487	14	140	A49	09.05-	113931	12	1.7
		09.05-	115487	14	140	A49	09.05-	114298	12	1.1
		09.04-	113904	14	130		09.04-	113719	12	1.3
		09.04-	113955	14	105		09.04-	113843	12	1.1
Astra H 1.9 CDTi	[Z19DTJ]	09.04-	114088	14	140		09.04-	111848	12	1.0
		09.04-	114204	14	120		09.04-	113931	12	1.7
		09.04-	114510	14	120		09.04-	114298	12	1.1
		09.04-	115487	14	140	A49	09.05-	114029	12	1.8
Astra H 1.9 CDTi	[Z19DTJ]	08.04-	113904	14	130		08.04-	113276	12	1.1
		08.04-	113904	14	130		08.04-	113843	12	1.1
		08.04-	113904	14	130		08.04-	113843	12	1.1
		08.04-	113904	14	130		08.04-	113843	12	1.1



	[Z19DTL]	08.05- 12.12	113904	14 130	08.05- 12.12	113843	12 1.1
		08.05- 12.12	113955	14 105	08.05- 12.12	113276	12 1.1
		08.05- 12.12	114088	14 140	08.05- 12.12	114298	12 1.1
		08.05- 12.12	114510	14 120	09.05-	114029	12 1.8
		08.05- 12.12	115487	14 140 A49	09.05-	114058	12 1.7
Astra H 1.9 CDTi GTC	[Z19DT]	09.05-	114204	14 120	09.05-	113931	12 1.7
		09.05-	113904	14 130	09.05-	114058	12 1.7
		09.05-	113955	14 105	09.05-	113276	12 1.1
		09.05-	114088	14 140	09.05-	113931	12 1.7
		09.05-	114204	14 120	09.05-	114298	12 1.1
	[Z19DTL]	09.05-	115487	14 140 A49			
		01.06-	113904	14 130	01.06-	114058	12 1.7
		01.06-	113955	14 105	01.06-	113276	12 1.1
		01.06-	114088	14 140	01.06-	113931	12 1.7
		01.06-	114204	14 120	01.06-	114298	12 1.1
Astra H 2.0 Turbo	[Z20LEH]	03.05-	115846	14 120			
	[Z20LEL]	03.04-	115846	14 120			
	[Z20LER]	09.04-	115846	14 120			
Astra H 2.0 Turbo GTC	[Z20LEH]	08.05-	115846	14 120			
	[Z20LEL]	03.05-	115846	14 120			
	[Z20LER]	03.05-	115846	14 120			
Astra J 1.2 CDTi	[A13DTE]	10.12- 10.15	116022	14 140			
Astra J 1.4 LPG	[A14NET]	07.14-	114727	14 130	07.14-	114298	12 1.1
		07.14-	115989	14 130			
		07.14-	116389	14 120			
		07.14-	116390	14 120			
Astra J 1.4 BiFuel LPG	[A14NET]	01.12-	114727	14 130	01.12-	115395	12 1.1
		01.12-	114728	14 100	01.12-	116618	12
		01.12-	115989	14 130			
		01.12-	116389	14 120			
		01.12-	116390	14 120			
Astra J 1.4	[A14NEL]	10.11-	115989	14 130			
		10.11-	116389	14 120			
		10.11-	116390	14 120			
	[A14XER]	10.11-	115989	14 130	06.12-	115395	12 1.1
		10.11-	116389	14 120	06.12-	114298	12 1.1
		10.11-	116390	14 120			
		06.12-	114727	14 130			
		06.12-	114728	14 100			
Astra J 1.4 ecoFlex	[A14XER]	10.10-	114727	14 130	10.10-	115395	12 1.1
		10.10-	114728	14 100	10.10-	114298	12 1.1
		10.10-	115989	14 130			
		10.10-	116389	14 120			
		10.10-	116390	14 120			
Astra J 1.4 GTC	[A14NET]	10.11-	114727	14 130	10.11-	114298	12 1.1
		10.11-	115989	14 130			
		10.11-	116389	14 120			
		10.11-	116390	14 120			
Astra J 1.4 Turbo	[A14NEL]	10.10-	114727	14 130	10.10-	115395	12 1.1
		10.10-	114728	14 100	10.10-	114298	12 1.1
		10.10-	115989	14 130			
		10.10-	116389	14 120			
		10.10-	116390	14 120			
	[A14NET]	10.10-	114727	14 130	10.10-	115395	12 1.1
		10.10-	114728	14 100	10.10-	114298	12 1.1
		10.10-	115989	14 130			
		10.10-	116389	14 120			
		10.10-	116390	14 120			
Astra J 1.6	[A16LET]	10.11-	114779	14 100	10.11-	112320	12 1.4
		10.11-	116181	14 120			
	[A16XER]	10.10-	114779	14 100	10.10-	112320	12 1.4
		10.10-	116181	14 120			
	[A16XHT]	12.12-	116181	14 120			
Astra J 1.6 Ecotec	[A16XER]	12.09-	114779	14 100	12.09-	112320	12 1.4
		12.09-	115410	14 100	12.09-	115719	12 1.1
		12.09-	116181	14 120			
		12.09-	116392	14 120			
Astra J 1.6 Sports Tourer	[A16XHT]	12.12-	116181	14 120			
Astra J 1.6 Turbo	[A16LET]	06.12-	114779	14 100	06.12-	112320	12 1.4
	[A16XER]	06.12-	114779	14 100	06.12-	112320	12 1.4
Astra J 1.6 Turbo ecotec	[A16LET]	06.12-	116181	14 120			
		10.10-	114779	14 100	10.10-	112320	12 1.4
Astra J 1.7 CDTi 16V Ecotec	[A17DTC]	10.10-	114726	14 100	10.10-	113931	12 1.7
		10.10-	115396	14 140	10.10-	115830	12 2.0
	[A17DTE]	10.10-	114726	14 100	10.10-	113931	12 1.7
		10.10-	115396	14 140	A25 10.10-	115830	12 2.0
	[A17DTJ]	10.10-	114726	14 100	10.10-	112320	12 1.4
		10.10-	115396	14 140	A25 10.10-	116257	12 1.7
	[A17DTR]	10.10-	114726	14 100	10.10-	112320	12 1.4
		10.10-	115396	14 140	10.10-	116285	12 2.0
	[A17DTS]	10.10-	114726	14 100	AT 10.10-	113931	12 1.7
		10.10-	115396	14 140	A25 10.10-	115830	12 2.0
Astra J 1.7 CDTi	[A17DTC]	06.12-	114726	14 100	06.12-	114058	12 1.7
		06.12-	115396	14 140	06.12-	115830	12 2.0
	[A17DTC,A17DTE]	05.13- 10.15	114726	14 100	05.13- 10.15	115395	12 1.1
		05.13- 10.15	115396	14 140	05.13- 10.15	115719	12 1.1
	[A17DTE]	06.12-	114726	14 100	06.12-	113931	12 1.7
		06.12-	115396	14 140	06.12-	115830	12 2.0
	[A17DTF]	06.12-	115396	14 140	12.09-	112320	12 1.4
		12.09-	114726	14 100	06.12-	113931	12 1.7
	[A17DTJ]				A25 06.12-	115830	12 2.0
		06.12-	114726	14 100	06.12-	113931	12 1.7
	[A17DTN]	06.12-	115396	14 140	A25 06.12-	115830	12 2.0
		10.10-	114726	14 100	10.10-	112320	12 1.4
		10.10-	115396	14 140	10.10-	116285	12 2.0



OPEL Continued

	[A17DTS]	06.12-12.09-	11539614726	14 140100	12.09-06.12-06.12-	114058113843115830	12 1.712 1.112 2.0		
		[A17DTS,A17DTF]	10.12- 10.1510.12- 10.15	114726115396	14 100140	10.12- 10.1510.12- 10.15	115395115719	12 1.112 1.1	
		Astra J 1.7 CDTi GTC	[A17DTC]	10.11-10.11-	114726115396	14 100140	10.11-10.11-	114058115830	12 1.712 2.0
	[A17DTE]	10.11-10.11-	114726115396	14 100140	10.11-10.11-	114029115830	12 1.812 2.0		
		[A17DTF]	10.11-10.11-	114726115396	14 100140	A25 10.11-10.11-	113931115830	12 1.712 2.0	
	[A17DTJ]	10.11-10.11-	114726115396	14 100140	10.11-10.11-	114029115830	12 1.812 2.0		
	[A17DTS]	10.11-10.11-	114726115396	14 100140	10.11-10.11-	113843115830	12 1.112 2.0		
	Astra J 1.7 CDTi Sports Tourer	[A17DTF]	10.10-10.10-	114726115396	14 100140	10.10-10.10-	114058115830	12 1.712 2.0	
	[A17DTS]	10.10-10.10-	114726115396	14 100140	10.10-10.10-	114058115830	12 1.712 2.0		
	Astra J 1.8 GTC	[A18XER]	10.11-10.11-10.11-	114779115410116392	14 100100120	10.11-10.11-	112320115719	12 1.412 1.1	
Astra J 2.0 GTC	[A20DTH]	10.11-10.11-10.11-10.11-10.11-	114202114847115526115583116183	14 100140100A49120	10.11-10.11-10.11-	112320116618115646	12 1.41212 1.1		
		Astra J 2.0 BiTurbo CDTi	[A20DTR]	12.12-12.12-12.12-12.12-12.12-	114202114847115526115583116181116183	14 100140100A49120120	12.12-12.12-12.12-	112320116584115646	12 1.412 2.212 1.1
		Astra J 2.0 BiTurbo CDTi Sports Tourer	[A20DTR]	12.12-12.12-12.12-12.12-12.12-	114202114847115526115583116181116183	14 100140100A49120120	12.12-12.12-12.12-	112320116584115646	12 1.412 2.212 1.1
		Astra J 2.0 CDTi	[A20DTH]	06.11-06.11-06.11-06.11-06.11-	114202114847115526115583116183	14 100140100A49120	06.11-06.11-10.12- 10.1506.11-	115646112320116257116618	12 1.112 1.412 1.712
		Astra J 2.0 CDTi Ecotec	[A20DTH]	10.10-10.10-10.10-10.10-10.10-	114202114847115526115583116183	14 100140100A49120	10.10-10.10-10.10-10.10-	112320116618115646115719	12 1.41212 1.112 1.1
Astra J 2.0 CDTi Sports Tourer	[A20DTH]	08.11-08.11-08.11-08.11-08.11-	114202114847115526115583116183	14 100140100A49120	08.11-08.11-08.11-	112320116584115646	12 1.412 2.212 1.1		
						A25 10.10-	116257	12 1.7	
		Astra J 2.0 GTC	[A20NFT]	04.12-	116180	14 140			
		Astra J GTC 1.6	[A16XHT]	12.12-	116181	14 120			
		Astra J GTC 2.0 BiTurbo CDTi	[A20DTR]	10.12-10.12-10.12-10.12-10.12-	114202114847115526115583116183	14 100140100A49120	10.12-10.12-10.12-	114058113931116618	12 1.712 1.712
Astra K 1.0 Turbo	[D10XFL]				06.18-	116418	12 1.4		
Astra K 1.0	[D10XFL]				05.18-	116418	12 1.4		
Astra K 1.4 Sports Tourer	[B14XE]				11.15-	116417	12 1.4		
Astra K 1.6 BiTurbo	[D16DTR]				08.18-	116285	12 2.0		
Astra K 1.6 Diesel	[D16DTH]				A25 04.18-	116285	12 2.0		
Astra K 1.6 Turbo	[B16SHT]				11.15-	116618	12		
Astra K 1.6 Turbo Sports Tourer	[B16SHT]				11.15-	116618	12		
Astra K Sports Tourer 1.0 Turbo	[D10XFL]				06.18-	116418	12 1.4		
Astra L 1.2 (FPHNPJ)	[HNZ (EB2DT), HNV (EB2DTM)]	10.21-	116541	14 120					
Astra L 1.2 (FPHNSL FPHNSR)	[HNS (EB2ADTS), HNL (EB2ADTSM)]	10.21-	116541	14 120					
Astra L Sports Tourer 1.2 (FRHNPJ)	[HNP (EB2ADT)]	10.21-	116541	14 120					
Astra L Sports Tourer 1.2 (FRHNSL FRHNSR)	[HNS (EB2ADTS)]	10.21-	116541	14 120					
Astra Sports Tourer 1.4 BiFuel LPG	[A14NET]	01.12-01.12-01.12-01.12-01.12-	114727114728115989116389116390	14 130100130120120	01.12-01.12-01.12-	115395115719115646	12 1.112 1.112 1.1		
		Calibra A 2.0 i 16V	[C20XE]	06.90- 03.9709.90- 02.9408.91-09.91- 07.9709.92- 07.9709.92- 07.97	112229111514112056111169111426111732	14 7010070100120	09.91- 07.97	110847	12 1.4 BO
		[X20XE]	11.93- 03.9711.93- 03.9711.93- 03.97	111426111732112229	14 10012070	11.93- 03.97	111848	12 1.0	
		Calibra A 2.0 i 16V 4x4	[C20XE]	06.90- 08.9209.91- 07.9709.92- 07.9709.92- 07.9709.92- 07.97	112056111169111426111732112229	14 707010012070	09.91- 07.97	110847	12 1.4 BO
		[X20XE]	11.93- 03.9711.93- 03.9711.93- 03.97	111426111732112229	14 10012070	11.93- 03.97	110847	12 1.4 BO	



Calibra A 2.0 i Turbo 4x4	[C20LET]	03.92- 07.97	111514	14	100				
		03.92- 08.92	112056	14	70				
		09.92- 03.97	111426	14	100				
		09.92- 03.97	111732	14	120				
		09.92- 03.97	112229	14	70				
Calibra A 2.0 i	[C20NE]	06.90- 08.92	111169	14	70	06.90- 08.92	110847	12	1.4 BO
		06.90- 07.97	111514	14	100	09.92- 07.97	111848	12	1.0
		06.90- 03.97	112229	14	70				
		09.92- 07.97	111426	14	100				
		09.92- 07.97	111732	14	120				
Calibra A 2.0 i 4x4	[C20NE]	06.90- 08.92	111169	14	70	06.90- 08.92	110847	12	1.4 BO
		09.92- 07.97	111426	14	100				
		09.92- 07.97	111732	14	120				
		09.92- 07.97	112229	14	70				
		09.92- 07.97	112229	14	70				
Calibra A 2.5 i V6	[C25XE]	04.93- 07.97	111514	14	100				
Campo 2.2 Diesel	[C223]	08.87- 08.90	110697	14	50	08.87- 08.90	112083	12	2.8
Campo 2.3	[4ZD1]	08.91- 09.96	110679	14	60	08.91- 09.96	112083	12	2.8
Campo 2.3 4x4	[4ZD1]	08.91- 09.96	110679	14	60	08.91- 09.96	112083	12	2.8
Campo 2.5 Diesel	[4JA1]	09.91- 11.95	111267	14	50	09.91- 11.95	112083	12	2.8
		09.91- 11.95	111767	14	80				
Campo 2.5 DTi	[4JA1]	RHD 08.01-	111767	14	80	08.01-	116525	12	2.3
Campo 2.5 DTi 4x4	[4JA1]	RHD 08.01-	111767	14	80				
Campo 2.5 TD	[4JA1]	02.89- 06.97	111267	14	50	02.89- 06.97	112083	12	2.8
		02.89- 06.97	111767	14	80	02.89- 06.97	111683	12	2.0
	[4JA1T]	07.94-	111267	14	50	07.94-	112083	12	2.8
		07.94-	111767	14	80	07.94-	116525	12	2.3
Campo 2.5 TD 4x4	[4JA1]	08.91- 06.94	111767	14	80	08.91- 06.94	111559	12	2.0
	[4JA1T]	07.94-	111267	14	50	07.94-	112083	12	2.8
		07.94-	111767	14	80	07.94-	111559	12	2.0
Campo 3.1 TD	[4JG2T]	12.92- 07.95	111267	14	50	12.92- 07.95	112083	12	2.8
		03.95- 08.97	112228	14	60 VP				
Campo 3.1 TD 4x4	[4JG2T]	12.92- 07.95	111267	14	50	12.92- 07.95	112083	12	2.8
		12.92-	112228	14	60				
Cascada 1.4	[A14NEL]	03.13-	115989	14	130	03.13-	113931	12	1.7
		03.13-	116390	14	120	03.13-	115395	12	1.1
						03.13-	115646	12	1.1
Cascada 1.4 Turbo	[A14NET]	03.13-	115989	14	130	03.13-	113931	12	1.7
		03.13-	116390	14	120	03.13-	115395	12	1.1
						03.13-	115646	12	1.1
Cascada 1.6	[A16SHT]					11.13-	116618	12	
	[A16XHT]					03.13-	116618	12	
Combo 1.2 i	[C12NZ]	03.94-	113376	14	55	03.94-	113276	12	1.1
		03.94-	112229	14	70	03.94-	112320	12	1.4
	[X12SZ]	07.94-	111426	14	100	07.94-	111123	12	0.9
		07.94-	112229	14	70	07.94-	112320	12	1.4
Combo 1.2	[D12XHL (EB2ADT), F12XHL (EB2ADTD)]	02.19-	116152	14	150				
		02.19-	116541	14	120				
	[F12XHT (EB2ADTS)]	07.19-	116152	14	150				
		07.19-	116541	14	120				
Combo 1.3 CDTi 16V	[Z13DT]	08.05-	113720	14	75 A49	08.05-	113719	12	1.3
		08.05-	113722	14	90 A49	08.05-	113843	12	1.1
		08.05-	114451	14	105	08.05-	113931	12	1.7
		08.05-	115963	14	90				
		08.05-	116064	14	75				
	[Z13DTJ]	10.05-	113720	14	75 A49	10.05-	113719	12	1.3
		10.05-	113722	14	90 A49	10.05-	113843	12	1.1
		10.05- 12.11	114451	14	105	10.05-	114029	12	1.8
		10.05-	115963	14	90	A25 10.05- 12.11	115399	12	1.4
		10.05-	116064	14	75	10.05- 12.12	113931	12	1.7
Combo 1.3 CDTi 16V Tour	[Y13DT]	10.04-	113720	14	75 A49	10.04-	113719	12	1.3
		10.04-	113722	14	90 A49	10.04-	113843	12	1.1
		10.04-	115963	14	90				
		10.04-	116064	14	75				
	[Z13DT]	10.04-	113720	14	75 A49	10.04-	113719	12	1.3
Combo 1.3 CDTi	[A13FD]	10.04-	113722	14	90 A49	10.04-	114029	12	1.8
		10.04-	115963	14	90				
		10.04-	116064	14	75				
		10.04-	116064	14	75				
	[Z13DT]	10.04-	113720	14	75 A49	10.04-	113719	12	1.3
Combo 1.3 CDTi	[A13FD]	02.12-	115346	14	120	02.12-	116045	12	1.4
Combo 1.4	[C14NZ]	07.94- 03.96	111732	14	120	07.94- 03.96	111127	12	1.4
		07.94- 03.96	111426	14	100	07.94- 03.96	111123	12	0.9
		ACPS 07.94- 03.96	111426	14	100	07.94- 03.96	111123	12	0.9
		AC 07.94- 03.96	113376	14	55	07.94- 03.96	113276	12	1.1
		AC, Chas. R4000001- 07.94- 03.96	112229	14	70	07.94- 03.96	111684	12	1.4
Combo 1.4 Tour	[Z14XEP]	10.04-	113265	14	120	10.04-	113276	12	1.1
Combo 1.4 16V	[X14XE]	08.99- 10.01	111426	14	100	08.99- 10.01	111123	12	0.9
		08.99- 10.01	112229	14	70	08.99- 10.01	111684	12	1.4
	[Z14XEP]	08.05-	111824	14	70	Eng.. -00877695 08.05-	111136	12	1.4
		08.05-	113265	14	120	08.05-	113276	12	1.1
		08.05- 10.01	110077	14	50	07.94- 10.01	111123	12	0.9
Combo 1.4 i	[C14SE]	07.94-	111732	14	120	07.94-	111127	12	1.4
		AC 07.94-	111732	14	120	07.94-	111127	12	1.4
		AC 07.94-	112229	14	70	07.94-	111684	12	1.4
Combo 1.5 Diesel	[D15DT (DV5RD)]	08.18-	116541	14	120				
		08.18-	116541	14	120				
		08.18-	116541	14	120				
Combo 1.6 CNG	[Z16YNG]		115619	14	120				
Combo 1.6 CDTi	[A16FDH]	02.12-	114493	14	100	A25 02.12-	115399	12	1.4
		02.12-	115429	14	120	02.12-	116282	12	1.7
		02.12-	116649	14	150	02.12-	115869	12	1.3 A49
	[A16FDL]	02.12-	114493	14	100	A25 02.12-	115399	12	1.4
		02.12-	115429	14	120	02.12-	116282	12	1.7
		02.12-	116649	14	150	02.12-	116045	12	1.4
		02.12-	116649	14	150				
	[A16FDL]	02.12-	116649	14	150				
		02.12-	116649	14	150				
		02.12-	116649	14	150				
Combo 1.6 CDTi Tour	[A16FDL]	03.15-	114493	14	100	03.15-	116045	12	1.4
		03.15-	115429	14	120				
		03.15-	116649	14	150				
Combo 1.6	[Z16SE]		111990	14	70		112320	12	1.4
Combo 1.6 16V	[Z16YNG]		115619	14	120				
Combo 1.6 16V Tour	[Z16YNG]		112416	14	100		113276	12	1.1
			115619	14	120				



OPEL Continued

Combo 1.7 CDTi 16V	[Z17DTH]	12.04-	113941	14	100	12.04-	113843	12	1.1
Combo 1.7 CDTi 16V Tour	[Z17DTH]	12.04-	113941	14	100	12.04-	113843	12	1.1
		AC 12.04-	114121	14	110	12.04-	113931	12	1.7
Combo 1.7 Diesel 16V	[Y17DTL]	10.01- 08.04	112271	14	100	Eng.. 877696- 10.01- 08.04	111534	12	1.4
		10.01- 08.04	112272	14	70	10.01- 08.04	113276	12	1.1
Combo 1.7 Diesel	[17D (4EE1)]	04.94- 06.96	111186	14	70 VP	04.94- 06.96	111123	12	0.9
		07.94-	111515	14	70	Eng.. -00877695 04.96-	111136	12	1.4
		AC 04.96-	111831	14	100 VP				
	[X17D (4EE1)]	Eng. 00975025- 07.94-	111515	14	70	07.94-	111127	12	1.4
		Eng. -00975024 07.94-	111186	14	70	07.94-	111123	12	0.9
		AC 04.96-	111831	14	100	04.96-	112320	12	1.4
Combo 1.7 DTi 16V	[Y17DT]	10.01- 08.04	112272	14	70	10.01- 08.04	113276	12	1.1
		AC 10.01- 08.04	112271	14	100	Eng.. 877696- 10.01- 08.04	111534	12	1.4
Combo 2.0 CDTi	[A20FD]	02.12-	115429	14	120	02.12-	115869	12	1.3 A49
		02.12-	116649	14	150				
Combo MPV 1.2		06.18-	116541	14	120	06.18-	116282	12	1.7 BO
Combo MPV 1.5 Diesel		06.18-	116541	14	120	06.18-	116282	12	1.7 BO
Combo Tour 1.3 CDTi	[A13FD]					03.16-	113719	12	1.3
						03.16-	115869	12	1.3
Commodore A 2.5 GS	[Z5H]	08.67- 01.72	112228	14	60				
Corsa 1.4	[A14NEL]					07.12-	115395	12	1.1
						07.12-	115646	12	1.1
Corsa A 1.0	[10S]	RHD 09.82- 03.93	113376	14	55	09.82- 03.93	111123	12	0.9
Corsa A 1.0 S	[10S]	02.86- 03.93	113376	14	55	02.86- 03.93	111123	12	0.9
Corsa A 1.2	[12NC]	01.85- 12.86	113376	14	55	01.85- 12.86	111123	12	0.9
	[12NV]	09.86- 08.88	113376	14	55	09.86- 08.88	111123	12	0.9
						08.90- 07.94	111127	12	1.4
						08.90- 07.94	113276	12	1.1
	[12ST]	02.86- 04.89	110077	14	50	02.86- 04.89	111123	12	0.9
		02.86- 08.88	113376	14	55				
	[C12NZ]	08.90- 07.94	113376	14	55	08.90- 07.94	111127	12	1.4
						08.90- 07.94	113276	12	1.1
	[E12GV]	01.85- 08.88	113376	14	55	01.85- 08.88	111123	12	0.9
Corsa A 1.2 i	[12NC]	09.82- 08.88	113376	14	55	09.82- 08.88	111127	12	1.4
Corsa A 1.2 S	[12S]	04.83- 08.94	113376	14	55	09.82- 10.87	111127	12	1.4
						04.83- 08.94	111123	12	0.9
	[12ST]	09.82- 02.90	110077	14	50	09.82- 02.90	111123	12	0.9
		09.82- 08.88	113376	14	55	09.82- 03.93	111127	12	1.4
Corsa A 1.3	[13NB]	02.86- 08.88	113376	14	55	02.86- 08.88	111123	12	0.9
	[13SB]	02.86- 04.89	110077	14	50	09.82- 08.88	111123	12	0.9
		09.82- 08.88	113376	14	55	09.82- 03.93	111127	12	1.4
	[C13N]	09.85- 10.87	113376	14	55	09.85- 10.87	111123	12	0.9
						09.85- 10.87	111127	12	1.4
Corsa A 1.3 i	[13NB]	09.85- 08.88	113376	14	55	09.85- 08.88	111123	12	0.9
	[C13N]	09.85- 08.88	113376	14	55	09.85- 08.88	111127	12	1.4
Corsa A 1.3 S	[13SB]	09.82- 10.87	110077	14	50	09.82- 10.87	111123	12	0.9
		09.82- 08.88	113376	14	55	09.82- 03.93	111127	12	1.4
Corsa A 1.4 i	[C14NZ]					01.90- 03.93	111127	12	1.4
	[C14SE]					09.91- 03.93	111127	12	1.4
Corsa A 1.4 S	[14NV]					01.90- 03.93	111127	12	1.4
Corsa A 1.5 Diesel	[15D (4EC1)]					06.87- 03.93	111136	12	1.4
Corsa A 1.6 GSi	[C16SE]					05.88- 03.93	111127	12	1.4
	[C16SEI]					09.89- 03.93	111127	12	1.4
	[E16SE]	05.88- 03.92	110077	14	50	05.88- 03.92	111123	12	0.9
		05.88- 08.88	113376	14	55	05.88- 08.88	111127	12	1.4
Corsa B 1.0 i 12V	[X10XE]	03.97-	111824	14	70	Eng.. 877696- 03.97-	111534	12	1.4
Corsa B 1.2	[C12NZ]	08.94- 12.01	112229	14	70				
		08.94- 12.01	113376	14	55				
Corsa B 1.2 i 16V	[X12XE]	01.98-	111824	14	70	Eng.. 877696- 01.98-	111534	12	1.4
Corsa B 1.2 i	[12NZ]	03.93- 09.00	112229	14	70				
	[C12NZ]	03.93- 09.94	113376	14	55	03.93-	111534	12	1.4
		AC 03.93-	112229	14	70				
	[X12SZ]	03.93- 09.94	113376	14	55	Eng.. 877696- 03.93-	111534	12	1.4
		AC 03.93-	112229	14	70				
Corsa B 1.4 i 16V	[C14SEL]	08.97- 09.00	111426	14	100	08.97- 09.00	111127	12	1.4
		08.97- 09.00	112229	14	70				
	[X14XE]	09.94-	111426	14	100	09.94-	111127	12	1.4
		09.94- 09.00	111514	14	100	Eng.. -00877695 09.94- 09.00	111136	12	1.4
		09.94-	111732	14	120	Eng.. 877696- 09.94-	111534	12	1.4
		09.94-	112229	14	70				
Corsa B 1.4 i	[C14NZ]	03.93- 09.00	110077	14	50	03.93- 09.00	111123	12	0.9
		03.93- 09.00	111514	14	100	03.93- 09.00	111127	12	1.4
		03.93-	112229	14	70	03.93-	113276	12	1.1
		AC 03.93- 03.96	111732	14	120	Chas. 877696- 03.93- 03.96	111534	12	1.4
		AC 09.93- 03.96	111426	14	100				
	[X14SZ]	03.93- 09.00	110077	14	50	03.93- 09.00	111123	12	0.9
		ACPS 09.96- 08.98	112229	14	70	03.93- 09.00	111127	12	1.4
		03.93- 09.00	111514	14	100	08.99- 09.00	111136	12	1.4
		09.96- 08.98	111426	14	100	09.96- 08.98	113276	12	1.1
Corsa B 1.4 Si	[C14SE]	03.93- 09.00	111514	14	100	03.93- 09.00	111127	12	1.4
		03.93-	111732	14	120	Chas. 877696- 03.93-	111534	12	1.4
		03.93-	112229	14	70	03.93-	113276	12	1.1
		AC 09.93-	111426	14	100	09.93-	111123	12	0.9
Corsa B 1.5 Diesel	[15D (4EC1)]	03.93- 09.00	111515	14	70	Eng.. -00877695 03.93- 09.00	111136	12	1.4
		09.94- 05.97	111186	14	70	09.94- 05.97	111123	12	0.9
						Eng.. 877696- 09.94- 05.97	111534	12	1.4
Corsa B 1.5 TD	[15DT (T4EC1)]	Eng. 00975025- 03.93-	111515	14	70	Eng.. -00877695 03.93-	111136	12	1.4
		Eng. -00975024 03.93-	111186	14	70	03.93-	111123	12	0.9
	[X15DT (T4EC1)]	Eng. 00975025- 04.96-	111515	14	70	Eng.. -00877695 04.96-	111136	12	1.4
		Eng. -00975024 04.96-	111186	14	70	04.96-	111123	12	0.9
Corsa B 1.6 GSi 16V	[C16XE]	03.93-	111426	14	100	03.93-	111123	12	0.9
		03.93-	112229	14	70				
Corsa B 1.6 i 16V	[C16SEL]	08.97- 09.00	111426	14	100	08.97- 09.00	111127	12	1.4
		08.97- 09.00	112229	14	70				
	[X16XE]	09.94-	111426	14	100	09.94-	111127	12	1.4
		09.94- 09.00	111514	14	100	09.94- 09.00	111136	12	1.4
		09.94-	112229	14	70				
Corsa B 1.7 Diesel	[17D (4EE1)]	02.96- 09.00	111515	14	70	Eng.. -00877695 02.96- 09.00	111136	12	1.4
		Eng. -975024 03.93-	111186	14	70	08.99- 09.00	111684	12	1.4
						03.93-	111123	12	0.9



	[X17D (4EE1)]	02.96-	111515	14 70		02.96-08.99- 09.00	111136	12 1.4	
							111684	12 1.4	
Corsa C 1.0 Twinport	[Z10XEP]	06.03-06.03-	111824	14 70		06.03-	111123	12 0.9	
			113265	14 120		06.03-	113276	12 1.1	
Corsa C 1.0 i 12V	[Z10XE]	09.00-09.00-	111824	14 70		09.00-	111123	12 0.9	
			113265	14 120		09.00-	113276	12 1.1	
Corsa C 1.2	[Z12XEP]	07.05-	113265	14 120		07.05-	113719	12 1.3	
Corsa C 1.2 Twinport	[Z12XEP]	07.04-	113265	14 120		07.04-	113276	12 1.1	
Corsa C 1.2 i 16V	[Z12XE]	09.00-09.00-	111824	14 70	Chas. -19P00893	09.00-	111123	12 0.9	
			113265	14 120		09.00-	113276	12 1.1	
Corsa C 1.3 CDTi 16V	[Z13DT]	08.05-08.05-08.05-08.05-08.05-	113720	14 75 A49		08.05-	115869	12 1.3	A49
			113722	14 90 A49					
			114451	14 105					
			115308	14 120					
			115963	14 90					
			116064	14 75					
Corsa C 1.3 CDTi	[Z13DT]	06.03-06.03-06.03-06.03-06.03-	113720	14 75 A49		06.03-	113843	12 1.1	
			113722	14 90 A49		06.03-	115869	12 1.3	A49
			114451	14 105					
			115308	14 120					
			115963	14 90					
			116064	14 75					
Corsa C 1.4	[Z14XEP]	08.03-	115304	14 120					
Corsa C 1.4 i 16V	[Z14XE]	09.20-09.20-	111990	14 70		09.20-	111123	12 0.9	
			112416	14 100		09.20-	113276	12 1.1	
	[Z14XEP]	09.20-	113265	14 120		09.20-	113843	12 1.1	
Corsa C 1.4 Twinport	[Z14XEP]	06.03-08.05	113265	14 120		06.03-08.05	113719	12 1.3	
Corsa C 1.7 CDTi	[Z17DTH]	06.03-	113941	14 100					
Corsa C 1.7 CDTi SE	[Z17DTH]	08.03-09.0608.03-09.06	113941	14 100					
			114121	14 110					
Corsa C 1.7 Diesel 16V	[Y17DTL]	09.00-AC 09.00-	112272	14 70		09.00-	111684	12 1.4	
			112271	14 100		09.00-	112320	12 1.4	
Corsa C 1.7 DT	[Y17DTL]	09.00-AC 09.00-	112272	14 70		09.00-	112320	12 1.4	
			112271	14 100					
Corsa C 1.7 DTi 16V	[Y17DT]	09.00-AC 09.00-	112272	14 70		09.00-	113276	12 1.1	
			112271	14 100		09.00-	112320	12 1.4	
Corsa C 1.7 DTi	[Y17DT]	09.00-AC 09.00-	112272	14 70		09.00-	112320	12 1.4	
			112271	14 100		09.00-	111123	12 0.9	
Corsa C 1.8 i 16V	[Z18XE]	09.00-09.00-	111990	14 70		09.00-	111123	12 0.9	
			112416	14 100		09.00-	113276	12 1.1	
Corsa D 1.0	[A10XEP]	07.06-	114249	14 70		07.06-	114029	12 1.8	
	[Z10XEP]	07.06-	114249	14 70		07.06-	113276	12 1.1	
Corsa D 1.2 LPG	[A12XER]	06.11-06.11-08.11-	114249	14 70		06.11-	113843	12 1.1	
			114492	14 100		06.11-	115719	12 1.1	
			115304	14 120					
Corsa D 1.2 Ecoflex	[Z12XEP]	09.09-	114249	14 70		09.09-	113276	12 1.1	
Corsa D 1.2 LPG	[Z12XEP]	09.09-09.09-	114249	14 70		09.09-	115395	12 1.1	
			114492	14 100		09.09-	115719	12 1.1	
Corsa D 1.2	[A12XEL]	06.10-06.10-06.10-	114249	14 70		06.10-	113276	12 1.1	
			114492	14 100		06.10-	114029	12 1.8	
			115304	14 120		06.10-	114298	12 1.1	
	[A12XER]	06.10-06.10-	114249	14 70		06.10-	113276	12 1.1	
			114492	14 100		06.10-	114029	12 1.8	
						06.10-	114298	12 1.1	
						06.10-	115719	12 1.1	
	[Z12XEP]	07.06-	114249	14 70		07.06-07.09-	113276	12 1.1	
							114029	12 1.8	
Corsa D 1.3 CDTi	[A13DTC]	07.06-07.06-07.06-07.06-07.06-	113722	14 90 A49		07.06-	113276	12 1.1	
			114409	14 100		07.06-	115395	12 1.1	
			114754	14 120		07.06-	115646	12 1.1	
			114895	14 70		07.06-	115719	12 1.1	
			115963	14 90					
	[A13DTE]	06.10-06.10-06.10-	113722	14 90 A49		06.10-	113276	12 1.1	
			114754	14 120		06.10-	115646	12 1.1	
			114895	14 70					
			115963	14 90					
	[A13DTR]	06.10-06.10-06.10-06.10-06.10-	113722	14 90 A49		06.10-	113276	12 1.1	
			114409	14 100		06.10-	114298	12 1.1	
			114754	14 120		06.10-	115646	12 1.1	
			114895	14 70					
			115963	14 90					
	[Z13DTE]	06.10-06.10-06.10-06.10-06.10-	113722	14 90 A49		06.10-	113276	12 1.1	
			114409	14 100		06.10-	115395	12 1.1	
			114754	14 120		06.10-	115719	12 1.1	
			114895	14 70					
			115963	14 90					
	[Z13DTH]	07.06-07.06-07.06-	114409	14 100		07.06-07.06-	115395	12 1.1	
			114754	14 120			115719	12 1.1	
			114895	14 70					
	[Z13DTJ]	07.06-07.06-07.06-07.06-07.06-	113722	14 90 A49		07.06-	112320	12 1.4	
			114409	14 100		07.06-	114298	12 1.1	
			114754	14 120		07.06-	115395	12 1.1	
			114895	14 70		07.06-	115646	12 1.1	
			115963	14 90		07.06-	115719	12 1.1	
Corsa D 1.4 LPG	[A14XEL]	09.09-	114249	14 70		09.09-	114029	12 1.8	
	[Z14XEP]	07.06-07.06-07.06-	114249	14 70	A25	07.06-	113276	12 1.1	
			114492	14 100		07.06-	114298	12 1.1	
			115304	14 120					
Corsa D 1.4	[A14XER]	06.10-06.10-06.10-06.10-	114249	14 70		06.10-	113276	12 1.1	
			114492	14 100		06.10-	114298	12 1.1	
			116202	14 120					
			116203	14 100					
	[Z14XEP]	07.06-07.06-	114249	14 70		07.06-	113276	12 1.1	
			115304	14 120					
Corsa D 1.4 L08	[A14NEL]	07.12-08.14	116210	12 140					
	[A14XER]	07.12-08.1407.12-08.1407.12-08.14	116202	14 120					
			116203	14 100					
			116210	12 140					



OPEL Continued

Corsa D 1.4 S07	[A14XEL]	09.09-	114249	14	70	09.09-	113276	12	1.1
		09.09-	114492	14	100	09.09-	114298	12	1.1
		09.09-	116202	14	120				
		09.09-	116203	14	100				
Corsa D 1.6 L08	[Z16LER]	07.12- 08.14	115843	14	120				
Corsa D 1.6 Turbo	[A16LEL]	02.07-	115843	14	120				
	[A16LER]	02.07-	115843	14	120				
	[A16LES]	06.11-	115843	14	120				
	[B16LER]	02.07-	115843	14	120				
	[B16LES]	06.11-	115843	14	120				
	[Z16LEL]	02.07-	115843	14	120				
	[Z16LER]	02.07-	115843	14	120				
Corsa D 1.7 CDTi 16V	[A17DTS]	06.10-	114665	14	100	06.10-	115646	12	1.1
Corsa D 1.7 CDTi	[Z17DTR]	07.06-	114665	14	100	07.06-	115646	12	1.1
Corsa D 1.7 CDTi L08	[A17DTS]	07.12- 08.14	114512	14	140	07.12- 08.14	114298	12	1.1
		07.12- 08.14	114665	14	100	A25 07.12- 08.14	115646	12	1.1
Corsa E 1.2 CDTi	[B13DTC]					09.14-	113843	12	1.1
Corsa E 1.2	[B12XEL]					09.14-	115395	12	1.1
Corsa E 1.2 Van	[B12XEL]					01.15-	115395	12	1.1
Corsa E 1.4 LPG	[B14XEL]					03.15-	115395	12	1.1
Corsa E 1.4	[B14XEJ]					09.14-	115395	12	1.1
	[B14XEL]					09.14-	115395	12	1.1
Corsa E 1.4 Van	[B14XEJ]					09.14-	115395	12	1.1
	[B14XEL]					09.14-	115395	12	1.1
Corsa E 1.4 Turbo	[B14NEH]					03.15-	115395	12	1.1
	[B14NEJ]					09.14-	115395	12	1.1
Corsa E 1.6 Turbo	[B16LES]					03.15-	114298	12	1.1
Corsa F 1.2	[F12XEL (EB2FAD)]	07.19-	116541	14	120	07.19-	116092	12	1.0
		07.19-	116152	14	150	07.19-	113960	12	0.9
		07.19-	116541	14	120	07.19-	116092	12	1.0
Corsa F 1.5	[D15DT (DV5RD)]	07.19-	116541	14	120				
Corsa F 1.5 Diesel	[D15DT (DV5RD)]	07.19-	116541	14	120				
Corsa MK IV 1.2	[B12XEL]					08.14-	115395	12	1.1
Corsa MK IV 1.4	[B14NEL]					08.14-	115395	12	1.1
	[B14XEL]					08.14-	115395	12	1.1
Corsa MK IV 1.6 VXR	[B16LES]					04.15-	114298	12	1.1
Corsavan E 1.2	[B12XEL]					10.14-	115395	12	1.1
Crossland X 1.2 LPG	[B12XE (EB2F)]	10.17-	116152	14	150	10.17-	116281	12	1.8
		10.17-	116541	14	120				
Crossland X 1.2	[B12XE (EB2F)]	03.17-	116152	14	150	03.17-	114030	12	2.2
		03.17-	116541	14	120				
	[B12XHL (EB2DT)]	03.17-	116152	14	150	03.17-	116281	12	1.8
		03.17-	116541	14	120				
	[B12XHT (EB2DTS)]	03.17-	116152	14	150	03.17-	116281	12	1.8
Crossland X 1.2	[D12XHL (EB2ADT)], [F12XHL (EB2ADT)]	07.19-	116152	14	150				
		07.19-	116541	14	120				
	[F12XE (EB2FA)]	07.19-	116152	14	150	A25 07.19-	116282	12	1.7
		07.19-	116541	14	120				
		07.19-	116541	14	120				
Crossland X 1.5	[D15DT (DV5RD)]	06.18-	116541	14	120				
Crossland X 1.5 Turbo	[D15DT (DV5RD)]	06.18-	116152	14	150	06.18-	116281	12	1.8
		06.18-	116541	14	120				
Crossland X 1.5 Turbo 75	[D15DTH (DV5RC)]	08.18-	116541	14	120				
Crossland X 1.6 Turbo	[B16DTH (DV6FC)]	08.17-	115364	14	150	08.17-	113254	12	1.4
Frontera 2.0	[X20SE]	05.93- 08.98	111426	14	100				
		AC 05.93- 08.98	111732	14	120				
Frontera A 2.0 i Sport	[C20NE]	03.92- 08.95	111169	14	70	03.92- 08.95	110844	12	2.2
		03.92- 10.98	111514	14	100	03.92- 10.98	111724	12	2.0
	[X20SE]	03.92- 10.98	111514	14	100	03.92- 10.98	111724	12	2.0
		02.95- 10.98	111426	14	100	02.95- 10.98	110847	12	1.4 BO
		AC 02.95- 10.98	111732	14	120	02.95- 10.98	111559	12	2.0
Frontera A 2.2 i	[X22XE]	03.95-	111426	14	100	03.95-	111848	12	1.0
		03.95- 10.98	111514	14	100	03.95- 10.98	111559	12	2.0
		AC 03.95-	111732	14	120				
Frontera A 2.5 TDS	[Z5TDS]	09.96- 10.98	115752	14	90				
Frontera A 2.5 TDS Sport	[Z5TDS]	09.96- 10.98	115752	14	90				
Frontera A 2.8 TD	[Z8TDI (4JB1T)]	03.95- 10.98	110077	14	50	03.95- 10.98	110807	12	0.85
		03.95-	111767	14	80				
	[4JB1T]	03.95- 08.96	110077	14	50	03.95- 08.96	110807	12	0.85
		03.95- 08.96	111767	14	80				
Frontera B 2.2 DTi	[Y22DTH]					09.02-	113674	12	2.0
Frontera B 2.2 i	[X22SE]	02.95-	111426	14	100	02.95-	111848	12	1.0
		AC 02.95-	111732	14	120				
Grandland X 1.2	[B12XHT (EB2DTS)]	06.17-	116152	14	150	06.17-	113933	12	1.5
Grandland X 1.2	[D12XHT (EB2ADTS)]	04.18-	116152	14	150	04.18-	114854	12	2.5
		04.18-	116237	12	125	04.18-	114030	12	2.2
		04.18-	116541	14	120	04.18-	116281	12	1.8
Grandland X 1.5	[D15DTH (DV5RC)]	04.18-	116541	14	120	04.18-	116282	12	1.7
Grandland X 1.5 Turbo	[D15DT (DV5RD)]	06.18-	116152	14	150	06.18-	113933	12	1.5
		06.18-	116541	14	120	06.18-	116281	12	1.8
Grandland X 1.5 Turbo 75	[D15DTH (DV5RC)]	04.18-	116541	14	120	04.18-	114460	12	1.4
GT 1.1	[11SR]	09.68- 12.70	110077	14	50	09.68- 12.70	115575	12	1.4
GT 2.0 GT	[LNF]					06.07-	115575	12	1.4
Insignia 1.4 LPG	[A14NET]	07.12-	114727	14	130	07.12-	113931	12	1.7
		07.12-	116390	14	120				
Insignia 1.4 Sports Tourer	[A14NET]	07.12-	114727	14	130	07.12-	113931	12	1.7
		07.12-	116390	14	120				
Insignia 1.4	[A14NET]	04.11- 03.17	114727	14	130	04.11- 03.17	113931	12	1.7
		04.11-	116390	14	120				
Insignia 1.4 Sports Tourer	[A14NET]	09.11-	114727	14	130	09.11-	113931	12	1.7
		09.11-	116390	14	120				
Insignia 1.4 Turbo	[A14NET]	04.11-	114727	14	130	04.11-	113931	12	1.7
		04.11-	116390	14	120				
Insignia 1.6	[A16LET]	07.08-	114779	14	100	07.08-	113931	12	1.7
		07.08-	116181	14	120				
	[A16XER]	07.08-	114779	14	100	07.08-	113931	12	1.7
		07.08-	116181	14	120				
Insignia 1.6 Caravan	[A16XER]	07.08-	114779	14	100	07.08-	113931	12	1.7
		07.08-	116181	14	120				



Insignia 1.6 Turbo	[A16LET]	07.08- 07.08-	114779 116181	14 100 14 120	07.08-	113931	12 1.7
Insignia 1.8	[A18XER]	07.08- 07.08-	114779 116181	14 100 14 120	07.08-	113931	12 1.7
Insignia 1.8 Caravan	[A18XER]	07.08- 07.08-	114779 116181	14 100 14 120	07.08-	113931	12 1.7
Insignia 2.0 Turbo E85 Turbo	[A20NFT]	09.10- 09.10-	116008 116180	14 100 14 140			
	[A20NHT]	09.10- 09.10-	116008 116180	14 100 14 140			
Insignia 2.0 BiTurbo CDTi	[A20DTR]	01.12- 01.12- 01.12- 01.12- 01.12-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	01.12- 01.12- 01.12- 01.12-	114058 115597 116584 116618	12 1.7 12 1.4 12 2.2 12
Insignia 2.0 BiTurbo CDTi 4x4	[A20DTR]	01.12- 01.12- 01.12- 01.12- 01.12-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	01.12- 01.12- 01.12- 01.12-	114058 115575 115597 116584	12 1.7 12 1.4 12 1.4 12 2.2
Insignia 2.0 BiTurbo CDTi 4x4 Sports Tourer	[A20DTR]	01.12- 01.12- 01.12- 01.12- 01.12-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	01.12- 01.12- 01.12-	114058 115575 116584	12 1.7 12 1.4 12 2.2
Insignia 2.0 BiTurbo CDTi Sports Tourer	[A20DTR]	01.12- 01.12- 01.12- 01.12- 01.12-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	01.12- 01.12- 01.12-	113931 115575 116584	12 1.7 12 1.4 12 2.2
Insignia 2.0 CDTi	[A20DT]	07.08- 07.08- 07.08- 07.08-	114202 114847 115583 116183	14 100 14 140 14 120 A49 14 120	07.08- 07.08- 07.08-	113931 115575 116285	12 1.7 12 1.4 12 2.0
	[A20DTC]	07.08- 07.08- 07.08- 07.08- 07.08-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	07.08- 07.08- 07.08- 07.08- 07.08-	114058 113931 115646 115773 114298	12 1.7 12 1.7 12 1.1 12 1.3 12 1.1
	[A20DTH]	07.08-	115526	14 100	07.08-	115646	12 1.1
	[A20DTJ]	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	07.08- 07.08- 07.08- 07.08- 07.08-	114058 113931 115646 114298	12 1.7 12 1.7 12 1.1 12 1.1
	[A20DTL]	07.08- 07.08- 07.08- 07.08-	114202 114847 115583 116183	14 100 14 140 14 120 A49 14 120	07.08- 07.08- 07.08-	113931 115575 116285	12 1.7 12 1.4 12 2.0
	[A20DTR]	07.08- 07.08- 07.08- 07.08- 07.08-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	07.08- 07.08- 07.08- 07.08-	114058 113931 116285 114298 115395	12 1.7 12 1.7 12 2.0 12 1.1 12 1.1
Insignia 2.0 CDTi 4x4	[A20DTH]	06.10- 06.10- 06.10- 06.10-	114202 114847 115526 115583	14 100 14 140 14 100 14 120 A49	06.10- 06.10- 06.10-	114058 115597 116618	12 1.7 12 1.4 12
	[A20DTR]	07.08- 07.08- 07.08- 07.08- 07.08-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	07.08- 07.08- 07.08-	114058 113931 114298	12 1.7 12 1.7 12 1.1
Insignia 2.0 CDTi 4x4 Sports Tourer	[A20DTH]	07.13- 07.13-	114847 115526	14 140 14 100	07.13-	115575	12 1.4
Insignia 2.0 CDTi Caravan	[A20DT]	07.08- 07.08- 07.08- 07.08-	114202 114847 115583 116183	14 100 14 140 14 120 A49 14 120	07.08- 07.08- 07.08-	114058 115597 116618	12 1.7 12 1.4 12
	[A20DTC]	07.08- 07.08- 07.08- 07.08- 07.08-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	07.08- 07.08- 07.08- 07.08-	114058 113931 116285 114298	12 1.7 12 1.7 12 2.0 12 1.1
	[A20DTH]	07.08-	115526	14 100	07.08-	116285	12 2.0
	[A20DTJ]	07.08- 07.08- 07.08- 07.08- 07.08-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	07.08- 07.08- 07.08- 07.08-	114058 113931 116285 114298	12 1.7 12 1.7 12 2.0 12 1.1
	[A20DTL]	07.08- 07.08- 07.08- 07.08-	114202 114847 115583 116183	14 100 14 140 14 120 A49 14 120	07.08- 07.08- 07.08-	113931 115575 116285	12 1.7 12 1.4 12 2.0
	[A20DTR]	07.08- 07.08- 07.08- 07.08- 07.08-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	07.08- 07.08- 07.08- 07.08-	114058 113931 116285 114298	12 1.7 12 1.7 12 2.0 12 1.1
Insignia 2.0 CDTi Sports Tourer	[A20DTE]	07.13-	114847	14 140	07.13-	115575	12 1.4
	[A20DTH]	07.13-	115526	14 100			
Insignia 2.0 Turbo E85 Turbo	[A20NFT]	07.08- 07.08-	116008 116180	14 100 14 140			
Insignia 2.0 Turbo	[A20NHT]	07.08- 07.08- 07.08-	115478 116008 116180	14 120 14 100 14 140	07.08- 04.14-	115575 115395	12 1.4 12 1.1



OPEL Continued

Insignia 2.0 Turbo 4x4	[A20NFT]	09.11- 09.11- 09.11-	115478 116008 116180	14 120 14 100 14 140	09.11-	115395	12 1.1
	[A20NHT]	07.08- 07.08- 07.08-	115478 116008 116180	14 120 14 100 14 140	07.08-	115575	12 1.4
Insignia 2.0 Turbo 4x4 Sports Tourer	[A20NFT]	09.11- 09.11- 09.11-	115478 116008 116180	14 120 14 100 14 140	09.11-	115395	12 1.1
Insignia 2.0 Turbo Caravan	[A20NHT]	07.08- 07.08- 07.08-	115478 116008 116180	14 120 14 100 14 140	07.08-	115575	12 1.4
Insignia 2.8 V6 Turbo 4x4	[A28NER]	07.09- 03.17	116665	14 150			
Insignia B Grand Sport 1.6 Turbo 68	[D16SHT]				06.18-	116618	12
Insignia B Sports Tourer 1.6 Turbo	[D16SHT]				06.18-	116618	12
Insignia Country Tourer 1.6 CDTI	[B16DTH]				07.15- 03.17	116285	12 2.0
	[B16DTJ]				07.15- 03.17	116285	12 2.0
Insignia Country Tourer 1.6 SIDI	[A16XHT]				07.14- 03.17	116618	12
Insignia Country Tourer 2.0 CDTI	[A20DT]	07.08- 03.17 07.08- 03.17	114847 115526	14 140 14 100	07.08- 03.17 07.08- 03.17	114058 113931	12 1.7 12 1.7
					A25 07.08- 03.17	116584	12 2.2
	[A20DTE]	03.12- 03.17	114847	14 140	03.12- 03.17	114058	12 1.7
					03.12- 03.17	116584	12 2.2
	[A20DTH]	07.14- 03.17 07.14- 03.17	114847 115526	14 140 14 100	07.14- 03.17 07.14- 03.17	114058 113931	12 1.7 12 1.7
					A25 07.14- 03.17	116584	12 2.2
	[A20DTJ]	07.08- 03.17 07.08- 03.17	114847 115526	14 140 14 100	07.08- 03.17 07.08- 03.17	114058 113931	12 1.7 12 1.7
					A25 07.08- 03.17	116584	12 2.2
Insignia Country Tourer 2.0 CDTI 4x4	[A20DTH]	09.13- 03.17 09.13- 03.17	114847 115526	14 140 14 100	09.13- 03.17 09.13- 03.17	114058 113931	12 1.7 12 1.7
					A25 09.13- 03.17	116584	12 2.2
	[A20DTR]	09.13- 03.17 09.13- 03.17	114847 115526	14 140 14 100	09.13- 03.17 09.13- 03.17	113931 116618	12 1.7 12
					A25 09.13- 03.17	116584	12 2.2
Insignia Sports Tourer 2.0 Turbo	[A20NHT]	04.14- 04.14- 04.14-	115478 116008 116180	14 120 14 100 14 140	04.14-	115575	12 1.4
Kadett B 1.1	[11N]	09.65- 07.71	110077	14 50			
	[11S]	09.65- 07.71	110077	14 50			
	[11SR]	11.66- 07.71	110077	14 50			
Kadett B 1.1 S	[11S]	09.65- 07.71	110077	14 50			
Kadett B 1.1 SR	[11SR]	11.66- 07.71	110077	14 50			
Kadett B 1.2	[12S]	08.71- 08.73	110077	14 50			
Kadett B 1.2 S	[12S]	08.71- 08.73	110077	14 50			
Kadett C 1.0	[10N]	01.74- 07.79	110077	14 50			
Kadett C 1.0 City	[10N]	05.75- 07.79	110077	14 50			
Kadett C 1.2	[12N]	08.73- 04.77	110077	14 50			
Kadett C 1.2 City	[12N]	05.75- 04.77	110077	14 50			
Kadett C 1.2 S	[12S]	08.73- 07.79	110077	14 50			
Kadett C 1.2 S City	[12S]	08.73- 07.79	110077	14 50			
Kadett D 1.2	[12N]	08.79- 07.82	110077	14 50			
Kadett D 1.2 S	[12S]	08.79- 08.84	110077	14 50			
	[12ST]	08.82- 08.84	110077	14 50			
Kadett D 1.3	[13N]	08.79- 08.84	110077	14 50	08.79- 08.84	110839	12 1.7
		08.79- 08.84	113376	14 55			
Kadett D 1.3 N	[C13N]	08.79- 08.84	113376	14 55			
Kadett D 1.3 S	[13S]	08.79- 08.84	110077	14 50			
		08.79- 08.84	113376	14 55			
Kadett D 1.6 S	[16SH]	09.81- 08.84	111168	14 55			
Kadett D 1.8 GT/E	[18E]	02.83- 08.84	111168	14 55			
Kadett E 1.2	[12SC]	09.84- 07.86	110077	14 50	09.84- 07.86	110839	12 1.7
Kadett E 1.2 S	[12SC]	09.84- 07.86	110077	14 50	09.84- 07.86	110839	12 1.7
Kadett E 1.3	[13N]	09.84- 07.89	113376	14 55	09.84- 07.89	111684	12 1.4
	[13NB]	09.84- 07.89	113376	14 55			
Kadett E 1.3 Combo	[13N]	01.86- 12.89	113376	14 55	01.86- 12.89	111684	12 1.4
Kadett E 1.3 i	[C13N]	09.85- 08.88	113376	14 55	09.85- 08.88	111127	12 1.4
Kadett E 1.3 S	[13S]	09.84- 08.87	113376	14 55	03.87- 08.87	111127	12 1.4
Kadett E 1.3 S Combo	[13S]	01.86- 12.89	113376	14 55			
Kadett E 1.6 Diesel	[16D]	08.84- 08.88	112056	14 70	08.84- 08.88	111123	12 0.9
					09.84- 01.89	111127	12 1.4
	[16DA]	08.84- 08.88	112056	14 70	08.84- 08.88	111127	12 1.4
Kadett E 1.6 Diesel Combo	[16DA]	01.86- 12.89	112056	14 70	01.86- 12.89	111123	12 0.9
Kadett E 1.6	[16SV]	09.86- 08.91	110077	14 50	09.86- 08.91	110839	12 1.7
		09.88- 08.91	111169	14 70	09.88- 08.91	111123	12 0.9
Kadett E 1.6 Combo	[16SV]	09.86- 12.91	110077	14 50	09.86- 12.91	110839	12 1.7
		09.88- 12.91	111169	14 70	09.88- 12.91	111123	12 0.9
Kadett E 1.6 i	[C16LZ]	09.86- 08.88	113376	14 55	09.86- 08.88	111127	12 1.4
	[C16NZ]	09.86- 08.88	113376	14 55	09.86- 08.88	111127	12 1.4
	[E16NZ]	09.86- 08.88	113376	14 55			
Kadett E 1.6 S	[16SH]	09.84- 08.86	111168	14 55	09.84- 08.86	110847	12 1.4 BO
	[16SV]	09.86- 08.91	110077	14 50	09.86- 08.91	110839	12 1.7
		09.88- 08.91	111169	14 70	09.88- 08.91	111123	12 0.9
Kadett E 1.7 Diesel	[17D]	08.88- 09.92	112056	14 70	08.88- 09.92	111127	12 1.4
		02.89- 08.91	111168	14 55	02.89- 08.91	110847	12 1.4
	[17DR]	02.89- 08.91	112056	14 70	02.89- 08.91	111123	12 0.9
Kadett E 1.7 Diesel Combo	[17D]	01.89- 07.94	112056	14 70	01.89- 07.94	111127	12 1.4
Kadett E 1.8	[C18NE]	10.85- 08.86	111168	14 55	10.85- 08.86	110847	12 1.4 BO
Kadett E 1.8 E	[C18NE]	10.85- 08.86	111168	14 55	10.85- 08.86	110847	12 1.4 BO
Kadett E 1.8 GSi	[18E]	09.84- 08.86	111168	14 55	09.84- 08.86	110847	12 1.4 BO
Kadett E 1.8 i	[18E]	09.84- 08.86	111168	14 55	09.84- 08.86	110839	12 1.7
					09.84- 08.86	110847	12 1.4
	[18SV]	09.90- 08.91	111168	14 55	09.90- 08.91	110847	12 1.4
	[C18NE]	10.85- 08.86	111168	14 55	10.85- 08.86	110847	12 1.4 BO
	[C18NT]	08.84- 09.92	111168	14 55	08.84- 09.92	110847	12 1.4
	[C18NZ]	09.90- 08.91	111169	14 70	09.90- 08.91	111123	12 0.9
	[S18NV]	09.86- 08.91	111168	14 55	09.86- 08.91	110847	12 1.4 BO
Kadett E 1.8 S	[E18NV]	09.87- 08.91	111168	14 55	09.87- 08.91	110847	12 1.4 BO
		09.88- 08.91	111169	14 70	09.88- 08.91	111123	12 0.9



	[S18NV]	09.87- 08.91	111168	14	55	09.87- 08.91	110847	12	1.4	BO
		09.88- 08.91	111169	14	70	09.88- 08.91	111123	12	0.9	
Kadett E 2.0	[20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4	BO
		09.88- 08.91	111169	14	70	09.88- 08.91	111123	12	0.9	
	[20SEH]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4	BO
		09.88- 08.91	111169	14	70	09.88- 08.91	111123	12	0.9	
Kadett E 2.0 GSi 16V	[20XEJ]	09.88- 08.91	112056	14	70	09.88- 08.91	111127	12	1.4	
	[C20XE]	09.88- 08.91	112056	14	70	09.88- 08.91	111127	12	1.4	
Kadett E 2.0 GSi	[C20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	111123	12	0.9	
		09.88- 08.91	111169	14	70					
Kadett E 2.0 i	[20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4	BO
		09.88- 08.91	111169	14	70	09.86- 08.91	111123	12	0.9	
	[C20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	111123	12	0.9	
		09.88- 08.91	111169	14	70					
KAPIT?N B 2.8	[28H]	08.68- 12.71	114656	14	140					
Kapitan B 2.8	[28S]	08.68- 12.71	114656	14	140					
Karl 1.0	[D10XE]					A25 03.18- 03.18-	116418 116417	12	1.4	
								12	1.4	
Manta A 1.2	[12S]	04.72- 08.75	110077	14	50					
Manta B 1.2	[12N]	08.76- 07.83	110077	14	50					
	[12S]	09.75- 02.79	110077	14	50					
Manta B 1.3	[13N]	03.79- 12.80	113376	14	55					
Manta B 1.3 S	[13S]	08.79- 08.86	113376	14	55					
Manta B 1.8 S	[18S]	07.82- 08.87	111168	14	55					
Meriva 1.4 16V Twinport LPG	[Z14XEP]	07.04- 05.10	113722	14	90 A49	07.04- 05.10	113276	12	1.1	
		07.04- 05.10	114249	14	70					
		07.04- 05.10	115963	14	90					
Meriva A 1.3 CDTi	[Y13DT]	04.05-	114451	14	105					
		04.05-	115308	14	120					
	[Z13DT]	04.05-	114451	14	105					
		04.05-	115308	14	120					
	[Z13DTJ]	09.03-	113722	14	90 A49	09.03-	114298	12	1.1	
		09.03-	114451	14	105					
		09.03-	115308	14	120					
		09.03-	115963	14	90					
Meriva A 1.4 16V Twinport	[Z14XEP]	07.04-	113265	14	120	07.04-	113843	12	1.1	
		07.04-	114249	14	70					
Meriva A 1.6	[Z16SE]		111990	14	70					
			112416	14	100					
			115619	14	120					
	[Z16XEP]	06.06- 05.10	113720	14	75 A49	06.06- 05.10	113843	12	1.1	
		06.06- 05.10	113722	14	90 A49					
		06.06- 05.10	115963	14	90					
		06.06- 05.10	116064	14	75					
Meriva A 1.6 16V	[Z16XE]		111990	14	70					
			112416	14	100					
			115619	14	120					
Meriva A 1.6 Turbo	[Z16LET]	09.05-	115843	14	120					
Meriva A 1.7 CDTi	[A17DTR]	09.06-	114665	14	100					
	[Z17DTH]	09.03-	112272	14	70	09.03-	113276	12	1.1	
		09.03-	113941	14	100	09.03-	111684	12	1.4	
		09.03-	114121	14	110					
		AC 09.03-	112271	14	100					
	[Z17DTR]	09.06-	114665	14	100					
Meriva A 1.7 DTi	[Y17DT]	09.03-	112272	14	70	09.03-	113276	12	1.1	
		AC 09.03-	112271	14	100	09.03-	111684	12	1.4	
Meriva A 1.8	[Z18XE]	09.02-	112416	14	100	09.02-	113276	12	1.1	
		05.03-	111990	14	70	05.03-	111123	12	0.9	
		05.03-	115619	14	120					
Meriva B 1.2 CDTi 75	[A13DTE]	01.13- 11.14	114754	14	120	01.13- 11.14	114029	12	1.8	
		01.13- 11.14	114895	14	70	01.13- 11.14	115719	12	1.1	
		01.13- 11.14	115963	14	90					
		01.13- 11.14	116022	14	140	01.13- 11.14	115646	12	1.1	
Meriva B 1.3 CDTi	[A13DTC]	06.10-	114409	14	100	06.10-	112320	12	1.4	
		06.10-	114754	14	120	06.10-	115719	12	1.1	
		06.10-	114895	14	70					
	[A13DTE]	06.10-	114409	14	100	06.10-	112320	12	1.4	
		06.10-	114754	14	120	06.10-	114029	12	1.8	
		06.10-	114895	14	70	06.10-	115719	12	1.1	
Meriva B 1.4	[A14NEL]	06.11-	114727	14	130	06.11-	115395	12	1.1	
		06.11-	115989	14	130	06.11-	115646	12	1.1	
		06.11-	116202	14	120					
		06.11-	116203	14	100					
		06.11- 03.17	116701	14	100					
	[B14NEL]	06.11-	114727	14	130	06.11-	115395	12	1.1	
		06.11-	115989	14	130	06.11-	115646	12	1.1	
		06.11-	116202	14	120					
		06.11-	116203	14	100					
		06.11- 03.17	116701	14	100					
Meriva B 1.4 Ecoflex	[A14NEL]	06.10-	114727	14	130	06.10-	115395	12	1.1	
		06.10-	115989	14	130	06.10-	115719	12	1.1	
		06.10-	116202	14	120	A25 06.10-	115646	12	1.1	
		06.10- 03.17	116701	14	100					
	[B14NEL]	06.10-	114727	14	130	06.10-	115395	12	1.1	
		06.10-	115989	14	130	06.10-	115646	12	1.1	
		06.10-	116202	14	120					
		06.10- 03.17	116701	14	100					
Meriva B 1.4 Ecotec	[A14NET]	06.10-	114727	14	130	06.10-	115395	12	1.1	
		06.10-	115989	14	130	06.10-	115719	12	1.1	
		06.10-	116202	14	120	06.10-	115646	12	1.1	
		06.10-	116203	14	100					
		06.10- 03.17	116701	14	100					
	[A14XER]	06.10-	114727	14	130	06.10-	113843	12	1.1	
		06.10-	116202	14	120	06.10-	115646	12	1.1	
		06.10-	116203	14	100					
		06.10- 03.17	116701	14	100					

OPEL Continued

	[B14NET]	06.10-	114727	14 130	06.10-	115395	12 1.1
		06.10-	115989	14 130	06.10-	115646	12 1.1
		06.10-	116202	14 120			
		06.10-	116203	14 100			
		06.10- 03.17	116701	14 100			
	[B14XER]	06.10-	114727	14 130	06.10-	115395	12 1.1
		06.10-	115989	14 130	06.10-	115646	12 1.1
		06.10-	116202	14 120			
		06.10-	116203	14 100			
		06.10- 03.17	116701	14 100			
Meriva B 1.4 Ecotec 75	[A14XER]	01.13- 03.17	116202	14 120	01.13- 03.17	115395	12 1.1
		01.13- 03.17	116203	14 100			
		01.13- 03.17	116701	14 100			
		A25 01.13- 03.17	114727	14 130			
		A25 01.13- 03.17	116210	12 140			
Meriva B 1.7 CDTi	[A17DTC]	06.10-	114665	14 100	06.10-	116285	12 2.0
	[A17DTI]	06.10-	114665	14 100	A25 06.10-	115830	12 2.0
	[A17DTS]	06.10-	114665	14 100	A25 06.10-	115830	12 2.0
Meriva B 1.7 CDTi 75	[A17DT]	01.13- 01.17	114512	14 140	01.13- 01.17	112320	12 1.4
		01.13- 01.17	114665	14 100	A25 01.13- 01.17	115830	12 2.0
		A25 01.13- 01.17	115396	14 140	01.13- 01.17	115719	12 1.1
	[A17DTC]	01.13- 10.13	114512	14 140	01.13- 10.13	112320	12 1.4
		01.13- 10.13	114665	14 100	A25 01.13- 10.13	115830	12 2.0
		A25 01.13- 10.13	115396	14 140	01.13- 10.13	115719	12 1.1
	[A17DTS]	01.13- 10.13	114512	14 140	01.13- 10.13	112320	12 1.4
		01.13- 10.13	114665	14 100	A25 01.13- 10.13	115830	12 2.0
		A25 01.13- 10.13	115396	14 140	01.13- 10.13	115719	12 1.1
Meriva B 1.7 CDTi Ecotec	[A17DT]	06.10-	114665	14 100	06.10-	116285	12 2.0
Mokka 1.2	[F12XHT (EB2ADTS)]	10.20-	116541	14 120	10.20-	115395	12 1.1
Mokka 1.4	[A14NET]	04.13-	114727	14 130	04.13-	112320	12 1.4
					04.13-	115646	12 1.1
Mokka 1.4 4x4	[A14NET]	06.12-	114727	14 130	06.12-	112320	12 1.4
					06.12-	115646	12 1.1
Mokka 1.4 LPG	[A14NET]	04.13-	114727	14 130	04.13-	113960	12 0.9
					04.13-	115395	12 1.1
					04.13-	115646	12 1.1
Mokka 1.6 CDTi	[B16DTN]				06.15-	116285	12 2.0
Mokka 1.6	[A16XER]				06.12-	116257	12 1.7
Mokka 1.7 CDTi	[A17DTS]	06.12-	115396	14 140	06.12-	113960	12 0.9
					06.12-	115830	12 2.0
Mokka 1.7 CDTi 4x4	[A17DTS]	06.12-	115396	14 140	06.12-	115395	12 1.1
					06.12-	115830	12 2.0
Mokka 1.8	[A18XER]				01.13-	114298	12 1.1
Mokka 1.8 4x4	[A18XER]				01.13-	114298	12 1.1
Mokka X 1.6 CDTi 76	[D16DTH]				03.18-	116285	12 2.0
Monterey A 3.1 TD	[4JG2TC]	09.91- 12.97	111267	14 50	09.91- 12.97	112083	12 2.8
		09.91-	112228	14 60			
		03.92- 03.93	111767	14 80			
Monterey B 3.0 DTi	[4JX1]	07.98- 08.99	112673	14 70	07.98- 08.99	112083	12 2.8
		07.98- 08.99	113698	14 90			
Monza A 2.0 i	[H20E]	03.83- 10.84	111824	14 70			
Movano 1.9 DTi	[F9Q772]	10.01-	112471	14 125	10.01-	112103	12 2.2
		10.01-	113248	14 120	10.01-	112475	12 2.1
					10.01-	114032	12 2.5
	[F9Q774]	10.01-	113248	14 120	10.01-	114074	12 2.2
		AC 10.01-	112471	14 125	10.01-	114074	12 2.2
					10.01-	112475	12 2.1
	[G9T720]	09.00-	112471	14 125	09.00-	112475	12 2.1
		09.00-	113248	14 120	09.00-	114074	12 2.2
		AC 09.00-	113245	14 125	09.00-	112103	12 2.2
	[G9T722]	09.00-	112471	14 125	09.00-	112103	12 2.2
		09.00-	113245	14 125	09.00-	112475	12 2.1
		09.00-	113248	14 120	09.00-	114074	12 2.2
Movano 2.2 DTi	[G9T750]	09.00-	112471	14 125	09.00-	112103	12 2.2
		09.00-	113245	14 125	09.00-	112475	12 2.1
		09.00-	113248	14 120	09.00-	114074	12 2.2
	[G9T750]	09.00-	112471	14 125	09.00-	112103	12 2.2
		09.00-	113245	14 125	09.00-	112475	12 2.1
		09.00-	113248	14 120	09.00-	114074	12 2.2
	[G9T750]	09.00-	112471	14 125	09.00-	112103	12 2.2
		09.00-	113245	14 125	09.00-	112475	12 2.1
		09.00-	113248	14 120	09.00-	114074	12 2.2
					09.00-	114032	12 2.5
Movano 2.3 CDTi	[M9T670]	12.10-	114826	14 185 A49			
		12.10-	116324	14 185			
	[M9T672]	12.10-	114826	14 185 A49			
		12.10-	116324	14 185			
	[M9T676]	12.10-	114826	14 185 A49			
		12.10-	116324	14 185			
	[M9T680]	12.10-	114826	14 185 A49			
		12.10-	116324	14 185			
	[M9T694]	01.13-	114826	14 185 A49			
		01.13-	116324	14 185			
	[M9T696]	01.13-	114826	14 185 A49			
		01.13-	116324	14 185			
	[M9T698]	01.13-	114826	14 185 A49			
		01.13-	116324	14 185			
	[M9T702]	05.14-	114826	14 185 A49			
		05.14-	115356	14 150			
	[M9T870]	05.14-	116324	14 185			
	[M9T880]	01.13-	114826	14 185 A49			
		01.13-	116324	14 185			
Movano 2.5 CDTi	[G9U632]	08.06-	113837	14 150	A25 08.06-	116287	12 2.2
		08.06-	113837	14 150	A25 08.06-	116287	12 2.2
	[G9U650]	08.06-	113837	14 150			
Movano 2.5 CDTi Combi	[G9U632]	08.06-	113837	14 150	A25 08.06-	116287	12 2.2
					08.06-	114032	12 2.5
	[G9U650]	08.06-	113837	14 150	A25 08.06-	116287	12 2.2
Movano 2.5 Diesel	[S8U770]	07.98- 09.00	111937	14 75	07.98- 09.00	112475	12 2.1
		AC 07.98-	112057	14 110	01.99-	112474	12 1.8
	[S8U772]	07.98- 09.00	111937	14 75	07.98- 09.00	112475	12 2.1
		07.98- 09.00	112057	14 110	10.98- 09.01	112474	12 1.8



Movano 2.5 DTi	[G9U720]	10.01-	112471	14 125		10.01-	112475	12 2.1
		10.01-	113248	14 120		10.01-	114074	12 2.2
		AC 10.01-	113245	14 125		10.01-	112103	12 2.2
		10.01-	112471	14 125		10.01-	112475	12 2.1
	[G9U724]	10.01-	113245	14 125		10.01-	114074	12 2.2
		10.01-	113248	14 120				
		10.01-	114700	14 150				
		10.01-	112471	14 125		10.01-	112475	12 2.1
	[G9U750]	10.01-	113245	14 125		10.01-	114074	12 2.2
		10.01-	113248	14 120				
		10.01-	114700	14 150				
		10.01-	112471	14 125		10.01-	112475	12 2.1
	[G9U754]	10.01-	113245	14 125		10.01-	114074	12 2.2
		10.01-	113248	14 120		10.01-	116287	12 2.2
		10.01-	114700	14 150		10.03-	114032	12 2.5
		10.03-	113837	14 150				
Movano 2.8 DTi	[S9W700]	07.98- 10.01	111937	14 75		07.98- 10.01	112475	12 2.1
	[S9W702]	07.98- 10.01	111937	14 75		07.98- 10.01	112475	12 2.1
Movano 3.0 DTi	[ZD3200]	10.03-	113993	14 135		A25 10.03-	116287	12 2.2
		10.03-	115317	14 120				
	[ZD3202]	10.03-	113993	14 135		A25 10.03-	116287	12 2.2
		10.03-	115317	14 120				
Movano B 2.3 CDTi	[M9T700]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	115356	14 150		A25 05.14-	116287	12 2.2
		05.14-	116324	14 185				
	[M9T702]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	115356	14 150		A25 05.14-	116287	12 2.2
		05.14-	116324	14 185				
	[M9T870]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	115356	14 150		A25 05.14-	116287	12 2.2
		05.14-	116324	14 185				
		05.14-	114826	14 185 A49		05.10-	114074	12 2.2
Movano B 2.3 CDTi FWD	[M9T672]	05.10-	114826	14 185 A49		05.10-	116287	12 2.2
		05.10-	116324	14 185		A25 05.10-	116287	12 2.2
	[M9T676]	05.10-	114826	14 185 A49		05.10-	114074	12 2.2
		05.10-	116324	14 185		A25 05.10-	116287	12 2.2
	[M9T680]	05.10-	114826	14 185 A49		05.10-	114074	12 2.2
		05.10-	116324	14 185		A25 05.10-	116287	12 2.2
	[M9T704]	11.16-	114826	14 185 A49		11.16-	114074	12 2.2
		11.16-	115356	14 150		A25 11.16-	116287	12 2.2
		11.16-	116324	14 185				
	[M9T706]	11.16-	114826	14 185 A49		11.16-	114074	12 2.2
Movano B 2.3 CDTi RWD	[M9T690]	05.10-	114826	14 185 A49		05.10-	114074	12 2.2
		05.10-	116324	14 185		A25 05.10-	116287	12 2.2
	[M9T692]	05.10-	114826	14 185 A49		05.10-	114074	12 2.2
		05.10-	116324	14 185		A25 05.10-	116287	12 2.2
	[M9T696]	05.10-	114826	14 185 A49		05.10-	114074	12 2.2
		05.10-	116324	14 185		A25 05.10-	116287	12 2.2
	[M9T698]	05.10-	114826	14 185 A49		05.10-	114074	12 2.2
		05.10-	116324	14 185		A25 05.10-	116287	12 2.2
		05.10-	116324	14 185				
		05.10-	114826	14 185 A49		05.14-	114074	12 2.2
Movano B 2.3 Diesel FWD	[M9T716]	08.19-	114826	14 185 A49		08.19-	114074	12 2.2
		08.19-	115356	14 150		A25 08.19-	116287	12 2.2
		08.19-	116324	14 185				
		08.19-	116710	14 150				
Movano MK II 2.3 CDTi FWD	[M9T700]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	115356	14 150				
		05.14-	116324	14 185				
	[M9T702]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	115356	14 150				
	[M9T870]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
Movano MK II 2.3 CDTi RWD	[M9T700]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	115356	14 150				
		05.14-	116324	14 185				
		05.14-	116324	14 185				
Olympia A 1.0	[11SR]	08.67- 08.71	110077	14 50				
		08.67- 08.71	110077	14 50				
		08.67- 08.71	110077	14 50				
		08.67- 08.71	110077	14 50				
Omega A 1.8	[18NV]	09.86- 08.87	111168	14 55		AT 09.86- 08.87	110847	12 1.4 BO
		09.86- 08.87	111168	14 55		09.86- 08.87	110844	12 2.2
		09.86- 08.87	111168	14 55		11.86- 09.88	110847	12 1.4 BO
		09.86- 08.87	111168	14 55		09.87- 08.88	110844	12 2.2
Omega A 1.8 i	[18SEH]	09.88- 03.94	111169	14 70		09.87- 08.88	110847	12 1.4 BO
		09.86- 08.88	111168	14 55		AT 09.86- 08.88	110847	12 1.4 BO
		09.88- 03.94	111169	14 70				
		09.88- 03.94	111169	14 70				
Omega A 1.8 S	[18SV]	09.86- 08.88	111168	14 55		09.86- 08.88	110847	12 1.4 BO
		09.88- 03.94	111169	14 70				
		09.88- 03.94	111169	14 70				
		09.88- 03.94	111169	14 70				
Omega A 2.0 i	[20SE]	09.86- 08.88	111168	14 55		AT 09.86- 08.88	110847	12 1.4 BO
		09.88- 03.94	111169	14 70				
	[C20NE]	09.86- 08.88	111168	14 55		09.86- 08.88	110847	12 1.4 BO
		09.88- 03.94	111169	14 70				
	[C20NEF]	09.90- 03.94	111169	14 70		AT 09.90- 03.94	110847	12 1.4 BO
		09.90- 03.94	111169	14 70		09.90- 03.94	110847	12 1.4 BO
Omega A 3.0 i 24V	[C30SE]	09.89- 03.94	110077	14 50		09.89- 03.94	110844	12 2.2
		09.89- 03.94	110077	14 50		09.89- 03.94	110844	12 2.2
	[30NE]	03.87- 08.88	111076	14 50				
		03.87- 08.88	111076	14 50				
Omega A 3.0 i 3000	[30NE]	03.87- 09.90	110077	14 50		03.87- 09.90	110844	12 2.2
		03.88- 08.88	110077	14 50		03.88- 08.88	110844	12 2.2
	[X20XEV]	04.94-	111426	14 100		04.94-	112533	12 2.2
		04.94-	111732	14 120		04.94-	113674	12 2.0
Omega B 2.0 i	[20SE]	03.94- 12.00	111426	14 100		03.94- 12.00	112533	12 2.2
		03.94- 12.00	111514	14 100		03.94- 12.00	111848	12 1.0
		03.94- 12.00	111732	14 120				
		03.94- 12.00	112229	14 70				
	[X20SE]	01.94-	111426	14 100		01.94-	111848	12 1.0
		03.94- 09.99	111514	14 100		03.94- 09.99	113446	12 2.2
		04.94-	111732	14 120				
		04.94-	112229	14 70				
	[X20SE]	01.94-	111426	14 100		01.94-	111848	12 1.0
		03.94- 09.99	111514	14 100		03.94- 09.99	113446	12 2.2


OPEL Continued

Omega B 2.2 DTi 16V	[Y22DTH]	09.00- 07.03	114656	14 140			
		09.00- 07.03	116334	14 120			
Omega B 2.2 i 16V	[Y22XE]	09.99- 07.03	111514	14 100	09.99- 07.03	111848	12 1.0
		09.99-	112229	14 70	09.99-	112533	12 2.2
		Chas. -Y1999999	09.99-	111426			
		Chas. 11000001-	09.99-	112416			
		AC 09.99-	111732	14 120			
	[Z22XE]	09.99- 07.03	111514	14 100	09.99- 07.03	113446	12 2.2
		Chas. 11000001-	09.00-	112416			
Omega B 2.5 DTi	[Y25DT]	09.01- 07.03	112468	14 150			
Omega B 2.5 TD	[Z5DT]	04.94-	111788	14 105			
	[X25DT]	04.96-	111788	14 105			
Omega B 2.5 i V6	[X25XE]	04.94-	111514	14 100	04.94-	113446	12 2.2
					04.94-	113674	12 2.0
Omega B 3.0 i V6	[X30XE]	04.94-	111514	14 100	04.94-	113446	12 2.2
					04.94-	113674	12 2.0
Rekord D 2.0 Diesel	[Z0D]	08.74- 08.77	113376	14 55			
Rekord D 2.1 Diesel	[Z1D]	09.72- 08.77	113376	14 55			
Rekord E 1.8	[18N]	11.82- 08.86	111168	14 55	11.82- 08.86	110844	12 2.2
	[C18NV]	05.85- 08.86	111168	14 55			
Rekord E 1.8 E	[C18NV]	05.85- 08.86	111168	14 55			
Rekord E 1.8 S	[18S]	11.82- 08.86	111168	14 55	11.82- 08.86	110844	12 2.2
Rekord E 2.0 Diesel	[Z0D]	09.77- 10.82	113376	14 55			
Rekord E 2.1 Diesel	[Z1D]	09.77- 07.78	113376	14 55			
Rekord E 2.3 Diesel	[Z3D]	08.78- 02.84	113376	14 55	11.82- 08.86	110844	12 2.2
		11.82- 08.86	110077	14 50			
Rekord E 2.3 TD	[Z3TD]	06.84- 08.86	113376	14 55			
Senator A 2.3 TD	[Z3TD]				11.84- 08.87	110844	12 2.2
Senator B 3.0 i 24V	[C30SE]	09.89- 09.93	110077	14 50			
Senator B 3.0 i	[30NE]	01.88- 09.90	110077	14 50			
	[C30NE]	01.88- 09.93	110077	14 50			
Signum 1.8	[Z18XE]	05.03-	115619	14 120			
	[Z18XER]	Chas. 71052537-	09.05-	115306			
Signum 1.9 CDTi	[Z19DT]	04.04-	113904	14 130	04.04-	113931	12 1.7
		04.04-	113955	14 105	04.04-	113674	12 2.0
		04.04-	114088	14 140	04.04-	115597	12 1.4
		04.04-	115487	14 140 A49	04.04-	114341	12 1.2
		08.05-	114204	14 120	08.05-	114482	12 2.2
					08.05-	114124	12 1.8
	[Z19DTH]	04.04-	113904	14 130	04.04-	113931	12 1.7
		04.04-	113955	14 105	04.04-	113674	12 2.0
		04.04-	114088	14 140	04.04-	114482	12 2.2
		04.04-	114204	14 120	04.04-	114298	12 1.1
		04.04-	115487	14 140 A49			
Signum 2.0 DTi	[Y20DTH]	05.03-	114656	14 140			
		05.03-	116334	14 120			
Signum 2.0 Turbo	[Z20NET]	05.03-	113352	14 120	05.03-	113276	12 1.1
Signum 2.2 DTi	[Y22DTR]	05.03-	114656	14 140			
		05.03-	116334	14 120			
Signum 2.2	[Z22YH]	05.03-	113352	14 120	05.03-	112320	12 1.4
		05.03- 09.08	116468	14 100			
Sintra 2.2 i 16V	[X22XE]	11.96- 04.99	111426	14 100	11.96- 04.99	111848	12 1.0
		11.96- 04.99	111732	14 120	11.96- 04.99	113674	12 2.0
Speedster 2.0 Turbo	[Z20LET]	04.03- 09.06	113352	14 120	04.03- 09.06	114341	12 1.2
Speedster 2.2 i	[Z22SE]	09.00- 09.06	113352	14 120	09.00- 09.06	111848	12 1.0
Tigra 1.3 CDTi	[Z13DT]	06.04-	113720	14 75 A49	06.04-	113843	12 1.1
		06.04-	113722	14 90 A49	06.04-	115869	12 1.3 A49
		06.04-	114451	14 105			
		06.04-	115308	14 120			
		06.04-	115963	14 90			
		06.04-	116064	14 75			
Tigra 1.4 i 16V	[X14XE]	07.94-	111426	14 100	07.94-	111123	12 0.9
		07.94- 12.00	111514	14 100	07.94-	111684	12 1.4
		07.94-	112229	14 70	08.97-	113276	12 1.1
Tigra 1.4 i	[Z14XEP]	06.04-	113265	14 120	06.04-	113719	12 1.3
Tigra 1.6 i 16V	[C16SEL]	08.97-	111426	14 100	08.97-	111123	12 0.9
		08.97-	112229	14 70	08.97-	113276	12 1.1
	[X16XE]	07.94-	111426	14 100	07.94-	111123	12 0.9
		07.94- 08.98	111514	14 100	07.94- 08.98	111127	12 1.4
		07.94-	111732	14 120	07.94-	111684	12 1.4
		07.94-	112229	14 70			
Tigra 1.8 i	[Z18XE]	06.04-	115619	14 120	09.04-	113276	12 1.1
		09.04-	112416	14 100			
Vectra 1.8 Flexfuel FlexFuel F68	[X18XE]	01.99- 09.00	111426	14 100	01.99- 09.00	111848	12 1.0
		01.99- 09.00	111732	14 120			
		01.99- 09.00	112229	14 70			
Vectra 2.0 16V F35	[C20SEL]	07.00- 07.03	111426	14 100	07.00- 07.03	111848	12 1.0
		07.00- 07.03	111732	14 120			
		07.00- 07.03	112229	14 70			
Vectra 2.0 16V F68	[C20SEL]	07.00- 07.03	111426	14 100	07.00- 07.03	111848	12 1.0
		07.00- 07.03	111732	14 120			
		07.00- 07.03	112229	14 70			
Vectra 2.2 16V F19	[C22SEL]	07.00- 07.02	111732	14 120	07.00- 07.02	111848	12 1.0
Vectra 2.2 16V F68	[C22SEL]	07.00- 07.02	111732	14 120			
Vectra A 1.4 S	[14NV]	04.88- 06.92	113376	14 55			
Vectra A 1.6	[16SV]	09.91-	111426	14 100	09.91-	113276	12 1.1
		09.91- 08.95	112229	14 70			
Vectra A 1.6 i	[16LZ2]	09.83- 11.95	113376	14 55	09.93- 11.95	111123	12 0.9
		09.93- 11.95	111426	14 100			
		09.93- 11.95	112229	14 70			
		09.88- 10.90	110077	14 50	09.88- 10.90	110839	12 1.7
		09.88- 10.90	111426	14 100	09.88- 10.90	111127	12 1.4
		09.88- 10.90	112229	14 70	09.91- 09.95	111684	12 1.4
		09.88- 10.90	113376	14 55			
	[C16NZ]	09.88- 09.95	110077	14 50	09.88- 09.95	110839	12 1.7
		09.88- 10.90	112229	14 70	09.91- 09.95	111684	12 1.4
		09.88- 10.90	113376	14 55			
		09.91- 09.95	111426	14 100			



[X16SZ]	09.93- 11.95	110077	14 50	09.93- 11.95	110839	12 1.7
	09.93- 08.95	111426	14 100	09.93- 08.95	111123	12 0.9
	09.93- 08.95	112229	14 70	09.93- 11.95	111127	12 1.4
	09.93- 11.95	113376	14 55			
Vectra A 1.6 S	[16SV]	09.88- 05.93	110077	09.88- 05.93	110839	12 1.7
		09.91- 08.95	111426			
		09.91- 08.95	112229			
Vectra A 1.7 Diesel	[17D]	10.88- 08.95	111168	10.88- 08.95	110839	12 1.7
		10.88- 08.95	112056			
	[17DR]	10.88- 08.95	112056			
Vectra A 1.7 TD	[17DT]	03.90- 08.95	111186	03.90- 08.95	110847	12 1.4 BO
	[X17DT]	03.90- 08.95	111186			
			14 70			
Vectra A 1.8 i	[18SV]	09.88- 09.91	111169	AT 09.88- 09.91	110847	12 1.4 BO
		09.91- 08.95	111426	09.91- 08.95	111123	12 0.9
		09.91- 08.95	112229			
	[C18NZ]	03.90- 08.91	111169	AT 03.90- 08.91	110847	12 1.4 BO
Vectra A 1.8 S		03.90- 11.95	111514	09.91- 08.95	111127	12 1.4
		09.91- 08.95	111426			
		09.91- 08.95	112229			
	[18SV]	09.89- 08.95	111169	09.89- 08.95	110847	12 1.4 BO
Vectra A 1.8 S 4x4		09.91- 08.95	111426	09.91- 08.95	111123	12 0.9
		09.91- 08.95	112229			
	[E18NVR]	09.88- 08.91	111169	09.88- 08.91	110847	12 1.4 BO
		09.91- 08.95	111426			
Vectra A 2.0 16V 2000 GT		09.91- 08.95	112229			
	[E18NVR]	01.89- 08.91	111169	01.89- 08.91	110847	12 1.4 BO
		01.89- 08.95	112229	09.91- 08.95	111127	12 1.4
		09.91- 08.95	111426			
Vectra A 2.0 16V 2000 GT 4x4	[C20XE]	02.90- 08.92	111169	02.90- 08.92	110847	12 1.4 BO
		09.91- 08.95	111426	09.91- 08.95	111684	12 1.4
		09.92- 08.95	111732			
		09.92- 08.95	112229			
Vectra A 2.0 GTi		02.90- 08.92	111169	02.90- 08.92	110847	12 1.4 BO
		09.91- 08.95	111426	09.91- 08.95	111684	12 1.4
		09.92- 08.95	111732			
		09.92- 08.95	112229			
Vectra A 2.0 i 16V	[20XEJ]	09.88- 08.92	111169	AT 09.88- 08.92	110847	12 1.4 BO
		09.91- 08.95	111426	09.91- 08.95	111127	12 1.4
		09.92- 08.95	111732			
		09.92- 08.95	112229			
Vectra A 2.0 i 16V 2000 4WD	[20XEJ]	02.89- 10.90	111169	02.89- 10.90	110847	12 1.4 BO
		02.90- 09.92	111169	AT 02.90- 09.92	110847	12 1.4 BO
		09.91- 08.95	111426	09.91- 08.95	111684	12 1.4
		09.92- 08.95	111732			
Vectra A 2.0 i 16V 2000 GT		09.92- 08.95	112229			
	[X20XEJ]	06.94- 11.95	111426	06.94- 11.95	111123	12 0.9
		06.94- 11.95	111514			
		06.94- 11.95	111732			
Vectra A 2.0 i 16V 2000 4WD		06.94- 11.95	112229			
		01.89- 10.90	111169	01.89- 10.90	110847	12 1.4 BO
		01.89- 08.92	111169	01.89- 08.92	110847	12 1.4 BO
		09.91- 06.94	111426	09.91- 06.94	111127	12 1.4
Vectra A 2.0 i 16V 4x4		09.92- 06.94	111732			
		09.92- 06.94	112229			
	[X20XEJ]	06.94- 11.95	111426	06.94- 11.95	111123	12 0.9
		06.94- 11.95	111732			
Vectra A 2.0 i Turbo 4x4		06.94- 11.95	112229			
	[C20LET]	09.92- 08.95	111426	09.92- 08.95	111848	12 1.0
		09.92- 08.95	111732			
		09.92- 08.95	112229			
Vectra A 2.0 i		06.94- 11.95	111514			
	[20NE]	09.88- 08.92	111169	AT 09.88- 08.92	110847	12 1.4 BO
		09.91- 08.95	111426	09.91- 08.95	111127	12 1.4
		09.92- 08.95	111732			
Vectra A 2.0 i		09.92- 08.95	112229			
	[20SEH]	09.88- 09.92	111169	09.88- 09.92	110847	12 1.4 BO
		09.91- 08.95	111426	09.91- 08.95	111127	12 1.4
		09.92- 08.95	111732			
Vectra A 2.0 i		09.92- 08.95	112229			
	[C20NE]	09.88- 08.92	111169	09.88- 08.92	110847	12 1.4 BO
		09.88- 11.95	111514	09.91- 08.95	111684	12 1.4
		09.91- 08.95	111426	09.91- 08.95	111848	12 1.0
Vectra A 2.0 i		09.92- 08.95	111732			
		09.92- 08.95	112229			
	[C20NEF]	04.88- 09.89	111169	AT 04.88- 09.89	110847	12 1.4 BO
		09.88- 08.92	112229			
Vectra A 2.0 i 4x4		01.89- 08.92	111169	01.89- 08.92	110847	12 1.4 BO
		09.91- 08.95	111426	09.91- 08.95	111127	12 1.4
		09.92- 08.95	111732			
		09.92- 08.95	112229			
Vectra A 2.0 i 4x4		01.89- 09.92	111169	01.89- 09.92	110847	12 1.4 BO
		09.91- 08.95	111426	09.91- 08.95	111127	12 1.4
		09.92- 08.95	111732			
		09.92- 08.95	112229			
Vectra A 2.0 i 4x4		01.89- 08.92	111169	AT 01.89- 08.92	110847	12 1.4 DR
		09.91- 08.95	111426	09.91- 08.95	111848	12 1.0
		09.92- 08.95	111732			
		09.92- 08.95	112229			
Vectra A 2.5 i V6		02.93- 08.95	111514			
	[C25XE]					
Vectra B 1.6 i 16V		08.20	111426	08.20	112431	12 1.1
		08.20	111514	08.20	113674	12 2.0
		08.20	111732			
		08.20	112229			
Vectra B 1.6 i			111514			
	[Y16XE]		111514			
			111514			
	[Z16XE]		112229	09.20-	113674	12 2.0
Vectra B 1.6 i			14 70			
	[16LZZ]	10.95- 04.02	111426	10.95- 04.02	111123	12 0.9
		10.95- 04.02	111732			
		10.95- 04.02	112229			

OPEL Continued

	[X16SZR]		09.95- 09.95- 09.95- 10.95- 04.02	111426 111732 112229 111514	14 100 14 120 14 70 14 100	09.95- 09.95- 10.95- 04.02 10.95-	111123 113674 111848 114341	12 0.9 12 2.0 12 1.0 12 1.2	
Vectra B 1.7 TD	[X17DT (TC4EE1)]		09.95- 11.96 10.95- 11.96	111515 111831	14 70 14 100	09.95- 11.96	113674	12 2.0	
Vectra B 1.8 16V	[X18XE]		10.95- 09.00 10.95- 09.00 11.96- 09.00	111426 111732 112229	14 100 14 120 14 70	10.95- 09.00	112431	12 1.1	
Vectra B 1.8 i 16V	[X18XE]		09.95- 09.95- 09.95- 10.95- 09.00	111426 111732 112229 111514	14 100 14 120 14 70 14 100	09.95- 10.95- 09.00 10.95- 09.00	111123 111127 111848	12 0.9 12 1.4 12 1.0	
	[X18XE1]		06.98- 06.98- 06.98- 10.95- 09.00	111426 111732 112229 111514	14 100 14 120 14 70 14 100	10.95- 09.00 06.98- 06.98-	111848 111123 114341	12 1.0 12 0.9 12 1.2	
	[Z18XE]		09.00- 04.02 09.00- 09.02 09.00- 09.02	111514 111732 112229	14 100 14 120 14 70	09.00- 04.02 09.00- 07.03	111848 111690	12 1.0 12 1.1	
Vectra B 2.0 i 16V	[C20SEL]		09.95- 06.00 09.95- 06.00 09.95- 06.00 10.95- 09.00	111426 111732 112229 111514	14 100 14 120 14 70 14 100	09.95- 06.00 10.95- 09.00 11.96- 06.00 11.96- 06.00	111127 111690 112431 111684	12 1.4 12 1.1 12 1.1 12 1.4	
	[X20XEV]		09.95- 09.95- 09.95- 10.95- 09.00	111426 111732 112229 111514	14 100 14 120 14 70 14 100	09.95- 09.95- 10.95- 09.00	111123 114341 111848	12 0.9 12 1.2 12 1.0	
Vectra B 2.0 i	[Z0NEJ]		10.95- 10.95- 10.95-	111426 111732 112229	14 100 14 120 14 70	10.95-	111127	12 1.4	
Vectra B 2.2 DTi 16V	[Y22DTR]		09.00- 04.02	116334	14 120				
Vectra B 2.2 DTi	[Y22DTR]		09.00- 04.02	116334	14 120				
Vectra B 2.2 i 16V	[Z22SE]		09.00-	113352	14 120				
Vectra B 2.5 i V6	[X25XE]		09.95-	111514	14 100	Stelnr. -W1285446	09.95- 11.96-	113276 113674	12 1.1 12 2.0
Vectra B 2.5 i	[X25XE]		05.98-	111514	14 100	Stelnr. -W1285446	05.98-	113276	12 1.1
Vectra B CC 1.8 16V	[X18XE]		10.95- 09.00 10.95- 09.00	111426 111732	14 100 14 120	10.95- 09.00 10.95- 09.00	111848 113674	12 1.0 12 2.0	
Vectra B CC 2.2 DTi	[Y22DTR]		09.00- 04.02	116334	14 120				
Vectra C 1.6	[Z16XEP]			115306 114668	14 120 14 100				
		Chas. 71052537-							
Vectra C 1.6 GTS	[Z16XEP]			115306 114668	14 120 14 100				
		Chas. 71052537-							
Vectra C 1.6 16V	[Z16XE]			112416 115619	14 100 14 120		113276	12 1.1	
Vectra C 1.8	[Z18XEL]		04.02- 08.05	112229	14 70	Chas. -71052536	04.02- 08.05	111123	12 0.9
Vectra C 1.8 GTS	[Z18XER]		01.06- 01.06-	114668 115306	14 100 14 120				
		Chas. 71052537-							
Vectra C 1.8 16V GTS	[Z18XEL]		08.02- 12.06 08.02- 12.06	112416 115619	14 100 14 120	08.02- 12.06	113276	12 1.1	
Vectra C 1.8 i 16V	[Z18XE]		04.02- 04.02-	112416 115619	14 100 14 120	04.02-	113276	12 1.1	
	[Z18XEL]		04.02- 04.02-	112416 115619	14 100 14 120	04.02-	113276	12 1.1	
Vectra C 1.8 i 16V GTS	[Z18XE]		08.02-	115619	14 120				
	[Z18XEL]		08.02- 08.02-	112416 115619	14 100 14 120	08.02-	113276	12 1.1	
Vectra C 1.8 i	[Z18XE]		10.03- 10.03-	112416 115619	14 100 14 120	10.03-	113276	12 1.1	
Vectra C 1.9 CDTi	[Z19DT]		04.04- 04.04- 04.04- 04.04- 10.05-	113904 113955 114088 115487 114204	14 130 14 105 14 140 14 140 A49 14 120	04.04- 04.04- 04.04- 04.04- 10.05-	113931 115597 114058 114341 114482	12 1.7 12 1.4 12 1.7 12 1.2 12 2.2	
	[Z19DTH]		04.04- 04.04- 04.04- 04.04- 04.04-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49	04.04- 04.04- 04.04- 04.04- AT 04.04-	114298 114341 115597 113931	12 1.1 12 1.2 12 1.4 12 1.7	
Vectra C 1.9 CDTi GTS	[Z19DT]		04.04- 04.04- 04.04- 04.04- 04.04-	113904 113955 114088 115487 114204	14 130 14 105 14 140 14 140 A49 14 120	04.04- 04.04- 04.04- 04.04- Chas. -71111927	113931 114058 115597 114341	12 1.7 12 1.7 12 1.4 12 1.2	
	[Z19DTH]		04.04- 04.04- 04.04- 04.04- 04.04-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49	04.04- 04.04- 04.04- 04.04-	113931 114058 115597 114341	12 1.7 12 1.7 12 1.4 12 1.2	
	[Z19DTL]		10.05- 10.05- 10.05- 10.05- 10.05-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49	10.05- 10.05- 10.05- 10.05-	115597 113931 114482 114298	12 1.4 12 1.7 12 2.2 12 1.1	
Vectra C 2.0 DTi 16V	[Y20DTH]		04.02- 04.02-	114656 116334	14 140 14 120				
Vectra C 2.0 DTi 16V GTS	[Y20DTH]		08.02- 08.02-	114656 116334	14 140 14 120				
Vectra C 2.0 DTi	[Y20DTH]		10.03- 10.03-	114656 116334	14 140 14 120				
Vectra C 2.0 Turbo 16V	[Z20NET]		03.03- 03.03- 08.08	113352 116468	14 120 14 100	03.03-	113674	12 2.0	
Vectra C 2.0 Turbo 16V GTS	[Z20NET]		03.03-	113352	14 120	03.03-	113674	12 2.0	
Vectra C 2.0 Turbo	[Z20NET]		10.03- 10.03- 08.08	113352 116468	14 120 14 100	10.03-	113674	12 2.0	
Vectra C 2.2 DTi 16V	[Y22DTR]		04.02- 04.02-	114656 116334	14 140 14 120				
Vectra C 2.2 DTi 16V GTS	[Y22DTR]		08.02- 06.08 08.02- 06.08	114656 116334	14 140 14 120				



Vectra C 2.2 DTi	[Y22DTR]	10.03-	116334	14 120				
Vectra C 2.2 Direct	[Z22YH]	10.03-	113352	14 120	10.03-	113674	12 2.0	
		10.03- 08.08	116468	14 100				
Vectra C 2.2 GTS Direct	[Z22YH]	10.03-	113352	14 120	10.03-	113674	12 2.0	
		10.03- 08.08	116468	14 100				
Vectra C 2.2 i 16V	[Z22SE]	04.02-	113352	14 120	Chas. -71052536 04.02-	113276	12 1.1	
		04.02- 12.08	116468	14 100				
Vectra C 2.2 i 16V GTS	[Z22SE]	08.02-	113352	14 120	08.02-	113276	12 1.1	
		08.02- 08.08	116468	14 100				
Vivaro 1.6 CDTi	[R9M408]	06.14-	116561	14 185	06.14-	115829	12 2.0	
	[R9M413]	08.16-	116625	14 150				
		08.16-	116561	14 185				
	[R9M450]	05.14-	116625	14 150	05.14-	115829	12 2.0	
		05.14-	116561	14 185				
	[R9M452]	03.16-	116625	14 150				
		03.16-	116561	14 185				
Vivaro 1.9 Diesel Di	[F9Q762]	08.01-	113248	14 120	08.01-	114074	12 2.2	
		AC 08.01-	112471	14 125	08.01-	112474	12 1.8	
Vivaro 1.9 Diesel	[F9Q762]	08.01-	112471	14 125	08.01-	112475	12 2.1	
		08.01-	113248	14 120	08.01-	114074	12 2.2	
	[F9Q774]	08.01-	113248	14 120	08.01-	114074	12 2.2	
		AC 08.01-	112471	14 125	08.01-	112474	12 1.8	
Vivaro 1.9 DTi	[F9Q760]	08.01-	113248	14 120	08.01-	114074	12 2.2	
		AC 08.01-	112471	14 125	08.01-	112474	12 1.8	
		AC			08.01-	112475	12 2.1	
Vivaro 2.0 CDTi	[M9R630]	08.06-	114509	14 150	08.06-	114814	12 0.9	
	[M9R692]	08.06-	114509	14 150	08.06-	116278	12 1.5	
	[M9R780]	08.06-	114509	14 150	08.06-	114814	12 0.9	
					08.06-	115829	12 2.0	
					08.06-	116278	12 1.5	
	[M9R782]	01.06-	114509	14 150	01.06-	116278	12 1.5	
					08.06-	115829	12 2.0	
	[M9R784]	08.06-	114509	14 150	08.06-	115829	12 2.0	
	[M9R786]	08.06-	114509	14 150	08.06-	115829	12 2.0	
					08.06-	116278	12 1.5	
	[M9R788]	08.06-	114509	14 150	08.06-	115829	12 2.0	
Vivaro 2.0 16V	[F4R]	08.06-	114122	14 150	08.06-	114814	12 0.9	
	[F4R720]	08.01-	113248	14 120	08.01-	114814	12 0.9	
		A22 08.01-	112471	14 125	08.01-	112474	12 1.8	
		AC 08.01-	113245	14 125	08.01-	112475	12 2.1	
		08.01-	114122	14 150	08.01-	114074	12 2.2	
Vivaro 2.5 CDTi	[G9MB6]	08.06-	113837	14 150	08.06-	114074	12 2.2	
	[G9U630]	08.06-	113837	14 150	08.06-	114074	12 2.2	
Vivaro 2.5 CDTi Combi	[G9U630]	08.06-	113837	14 150	08.06-	114074	12 2.2	
Vivaro 2.5 DTi	[G9U730]	05.03-	112471	14 125	05.03-	112475	12 2.1	
		AC 05.03-	113245	14 125	05.03-	114074	12 2.2	
Vivaro B 1.6 Diesel	[R9M413]	03.16-	116561	14 185	03.16-	116278	12 1.5	
		03.16-	116625	14 150	03.16-	115829	12 2.0	
Vivaro B Bus 1.6 CDTi 6	[R9M415]	01.19-	116561	14 185	01.19-	116278	12 1.5	
		01.19-	116625	14 150	01.19-	115829	12 2.0	
Vivaro C 1.5 Diesel	[D15DT (DV5RUCD)]	03.19-	116152	14 150	03.19-	114854	12 2.5	
		03.19-	116541	14 120	03.19-	114460	12 1.4	
	[D15DTH (DV5RUC)]	03.19-	116152	14 150	03.19-	114854	12 2.5	
		03.19-	116541	14 120	03.19-	114460	12 1.4	
Vivaro C 2.0 Diesel Cabin	[D20DTH (DW10FD)]				03.19-	114460	12 1.4	
	[D20DTL (DW10FE)]				03.19-	114460	12 1.4	
Vivaro C Bus 2.0 Diesel	[DW10FDDU370, DW10FDDU340]				09.20-	114460	12 1.4	
Vivaro C Van 2.0 Diesel	[DW10FDDU370, DW10FDDU340]				08.21-	114460	12 1.4	
Zafira 1.6 Flexfuel FlexFuel M75	[Z16XER]	08.08- 12.12	115306	14 120				
Zafira 1.6 LPG F75	[Z16XE, X16XEL]	04.99- 06.05	111990	14 70	04.99- 06.05	113276	12 1.1	
		04.99- 06.05	112416	14 100	04.99- 06.05	114298	12 1.1	
		04.99- 06.05	113265	14 120				
		04.99- 06.05	115619	14 120				
Zafira A 1.6 i	[Z16YNG]		111990	14 70		111123	12 0.9	
			115619	14 120				
Zafira A 1.6 16V	[X16XEL]		111990	14 70		112431	12 1.1	
			112416	14 100	Chas. -12257452, -15257663, -18131574	113276	12 1.1	
		Chas. -12257452, -	115619	14 120				
	[Z16XE]	09.20-	111990	14 70	09.20-	112431	12 1.1	
		09.20-	112416	14 100	09.20-	113276	12 1.1	
		09.20-	115619	14 120				
Zafira A 1.8 16V	[X18XE1]	04.99-	111990	14 70	04.99-	111123	12 0.9	
		04.99-	112416	14 100	04.99-	111848	12 1.0	
		Chas. -12257452, -	04.99- 09.00	115619	04.99- 09.00	114341	12 1.2	
	[Z18XE]	09.00-	111990	14 70	09.00-	111123	12 0.9	
		09.00-	112416	14 100	09.00-	111848	12 1.0	
		Chas. -12257452, -	09.00- 07.05	115619				
Zafira A 2.0 Diesel Di 16V	[X20DTL]	10.99- 06.05	113879	14 100	10.99- 06.05	113674	12 2.0	
		10.99- 06.05	116334	14 120				
Zafira A 2.0 DTi 16V	[Y20DTH]	09.00- 06.05	113879	14 100	09.00- 06.05	113674	12 2.0	
Zafira A 2.0	[Z20LET]	09.01-	112416	14 100	09.01-	111848	12 1.0	
		09.01- 06.05	115619	14 120				
Zafira A 2.0 OPC	[Z20LER]	11.02- 06.05	112416	14 100	11.02- 06.05	113276	12 1.1	
		11.02- 06.05	115619	14 120				
	[Z20LET]	11.02-	112416	14 100	11.02-	111684	12 1.4	
		11.02- 07.05	115619	14 120				
Zafira A 2.2 DTi 16V	[Y22DTR]	01.02- 06.05	114656	14 140	01.02- 06.05	113674	12 2.0	
		01.02- 06.05	116334	14 120				
Zafira A 2.2 DTi	[Y22DTR]	01.02- 06.05	116334	14 120				
Zafira A 2.2 16V	[Z22SE]	09.00-	113352	14 120	09.00-	113674	12 2.0	
		09.00- 06.05	116468	14 100				
Zafira B 1.6 Ecoflex CNG	[A16XNT]	02.09-	115843	14 120				
	[Z16XNT]	02.09-	115843	14 120				
Zafira B 1.6 Turbo CNG	[A16XNT]	02.09-	115843	14 120				
	[Z16XNT]	02.09-	115843	14 120				
Zafira B 1.6 CNG M75	[Z16YNG]	07.05- 04.15	111990	14 70	07.05- 04.15	111123	12 0.9	
		07.05- 04.15	112416	14 100	07.05- 04.15	112320	12 1.4	
		07.05- 04.15	113265	14 120				
		07.05- 04.15	115619	14 120				



OPEL Continued

Zafira B 1.6	[Z16YNG]		115619	14	120				
Zafira B 1.6	[A16XER]		114668	14	100	01.08-	114298	12	1.1
		Chas. 72095157-	01.08-	115306	14	120			
	[Z16XER]		114668	14	100	01.08-	114298	12	1.1
		Chas. 72095157-	01.08-	115306	14	120			
Zafira B 1.7 CDTi	[A17DTJ]		114512	14	140	01.08-	114298	12	1.1
			114665	14	100				
	[A17DTR]		114512	14	140	01.08-	114298	12	1.1
			114665	14	100				
	[Z17DTJ]		114512	14	140	01.08-	114298	12	1.1
			114665	14	100				
Zafira B 1.8 LPG	[Z18XER]		115306	14	120	07.09-			
Zafira B 1.8	[A18XEL]		115306	14	120	06.13-			
Zafira B 1.9 CDTi	[Z19DT]		113904	14	130	07.05-	113276	12	1.1
			113955	14	105	07.05-	111848	12	1.0
			114088	14	140	07.05-	112320	12	1.4
			114204	14	120	07.05-	113931	12	1.7
			115487	14	140 A49	07.05-	114298	12	1.1
						07.05-	114341	12	1.2
	[Z19DTH]		113904	14	130	07.05-	113276	12	1.1
			113955	14	105	07.05-	112320	12	1.4
			114088	14	140	AT 07.05-	113931	12	1.7
			114204	14	120	07.05-	114341	12	1.2
			115487	14	140 A49	07.05-	114298	12	1.1
Zafira B 1.9 Diesel M75	[Z19DT]		113904	14	130	07.05- 04.15	114058	12	1.7
			113955	14	105	07.05- 04.15	111848	12	1.0
			114088	14	140	07.05- 04.15	113931	12	1.7
			114510	14	120	07.05- 04.15	114298	12	1.1
			115487	14	140 A49				
	[Z19DTH]		113904	14	130	07.05- 04.15	114058	12	1.7
			113955	14	105	07.05- 04.15	111848	12	1.0
			114088	14	140	AT 07.05- 04.15	113931	12	1.7
			114510	14	120	07.05- 04.15	114298	12	1.1
			115487	14	140 A49				
Zafira B 2.0	[Z20LEH]		115846	14	120	01.06-			
	[Z20LER]		115846	14	120	07.05-			
Zafira B 2.0 M75	[Z20LER]		115846	14	120	07.05- 12.10			
Zafira B 2.2 DGI M75	[Z22YH]		113352	14	120	07.05- 12.11	112320	12	1.4
Zafira C 1.4 BiFuel LPG	[A14NET]		115989	14	130	10.11-	115646	12	1.1
			116390	14	120				
	[B14NET]		115989	14	130	10.11-			
			116390	14	120				
Zafira C 1.4	[A14NEL]		115989	14	130	10.11-	115646	12	1.1
			116390	14	120				
	[A14NET]		115989	14	130	10.11-	115646	12	1.1
			116390	14	120				
	[B14NEL]		115989	14	130	10.11-			
			116390	14	120				
	[B14NET]		115989	14	130	10.11-			
			116390	14	120				
Zafira C 1.6 CNG	[A16XNT]		114779	14	100	10.11-	113931	12	1.7
			116181	14	120				
	[B16XNT]		114779	14	100	10.11-	113931	12	1.7
			116181	14	120				
Zafira C 1.8	[A18XEL]		115410	14	100	10.11-	115395	12	1.1
			116392	14	120				
	[A18XER]		115410	14	100	10.11-	115395	12	1.1
			116392	14	120				
Zafira C 2.0 BiTurbo CDTi	[A20DTR]		114202	14	100	01.13-	114058	12	1.7
			114847	14	140	01.13-	115395	12	1.1
			115526	14	100	01.13-	115646	12	1.1
			115583	14	120 A49	01.13-	114298	12	1.1
			116183	14	120				
Zafira C 2.0 CDTi	[A20DT]		114202	14	100	10.11-	114058	12	1.7
			114847	14	140	10.11-	113931	12	1.7
			115526	14	100	10.11-	115646	12	1.1
			115583	14	120 A49	10.11-	114298	12	1.1
			116183	14	120				
	[A20DTH]		114202	14	100	10.11-	114058	12	1.7
			114847	14	140	10.11-	113931	12	1.7
			115526	14	100	10.11-	115646	12	1.1
			115583	14	120 A49	10.11-	114298	12	1.1
			116183	14	120				
	[A20DTL]		114202	14	100	10.11-	114058	12	1.7
			114847	14	140	10.11-	113931	12	1.7
			115526	14	100	10.11-	116618	12	
			115583	14	120 A49	10.11-	115395	12	1.1
			116183	14	120				
	[Y20DTJ]		114202	14	100	10.11-	114058	12	1.7
			114847	14	140	10.11-	115395	12	1.1
			115583	14	120 A49	10.11-	114298	12	1.1
			116183	14	120				
	[Z20DTJ]		114202	14	100	10.11-	114058	12	1.7
			114847	14	140	10.11-	115395	12	1.1
			115583	14	120 A49	10.11-	116618	12	
			116183	14	120				
Zafira Life 1.5 Diesel	[D15DT (DV5RUCD)]		116541	14	120	03.19-	114854	12	2.5
	[D15DTH (DV5RUC)]		116541	14	120	03.19-	114854	12	2.5
Zafira Life 2.0 Diesel	[D20DTH (DW10FD)]					03.19-	114460	12	1.4
	[D20DTL (DW10FE)]					08.19-	114460	12	1.4
Zafira Life Bus 2.0 Diesel	[DW10FDDU370, DW10FDDU340]					09.20-	114460	12	1.4
Zafira Tourer C 1.6 CDTi	[B16DTH]					11.16-	116285	12	2.0
Zafira Tourer C Van 2.0 CDTi 75	[A20DT, Z20DTJ, Y20DTJ]		114847	14	140	01.12-	114058	12	1.7
			115526	14	100	AT 01.12-	113931	12	1.7
						A25 01.12-	116584	12	2.2
	[A20DTH]		114847	14	140	01.13-	114058	12	1.7
			115526	14	100	AT 01.13-	113931	12	1.7
						A25 01.13-	116584	12	2.2



	[A20DTL]	01.13-01.13-	114847115526	14 14014 100	AT 01.13-A25 01.13-	114058113931116584	12 1.712 1.712 2.2
PASSENGER CARS AO							
Astra J 1.4 ecoFlex	[A14XEL]	12.09-12.09-12.09-12.09-	114727115989116389116390	14 13014 13014 12014 120	12.09-	115646	12 1.1
	[A14XER]	12.09-12.09-12.09-12.09-	114727115989116389116390	14 13014 13014 12014 120	12.09-	115646	12 1.1
Astra J 1.4 Turbo	[A14NET]	12.09-12.09-12.09-12.09-	114727115989116389116390	14 13014 13014 12014 120	12.09-	115719	12 1.1
Astra J 1.6 Turbo	[A16LET]	12.09-	116181	14 120			
Astra J 1.7 CDTi	[A17DTC]	12.09-	114726	14 100	12.09-	114029	12 1.8
	[A17DTE]	12.09-	114726	14 100	12.09-	115719	12 1.1
	[A17DTJ]	12.09-	114726	14 100	12.09-	115719	12 1.1
	[A17DTR]	12.09-	114726	14 100	12.09-	113931	12 1.7
Astra J 2.0 CDTi	[A20DTH]	12.09-12.09-12.09-	115526115583116183	14 10014 120 A4914 120	12.09-	115646	12 1.1
Vectra A 2.5 CD 4x4	[C25XE]	02.93- 08.95	111514	14 100	02.93- 08.95	110847	12 1.4
Pei Job							
INDUSTRY							
EB150	[MI]					112178112185	12 1.612 1.2
ED..	[MI]					112178112185	12 1.612 1.2
Perkins							
MARINE							
Various Models						114718114650114476	12 1.412 1.812 1.8
MOTORS							
1004-4 4.0						110615113269114107	12 2.812 3.012 3.2
1006-6 6.0						110615	12 2.8
1006C-E66TAG2	[1006C-E66TAG2]					115389	12 4.2
1006C-E66TAG3	[1006C-E66TAG3]					115389	12 4.2
1006C-E66TAG4	[1006C-E66TAG4]					115389	12 4.2
1006-TAG	[1006-TAG]					115389	12 4.2
104-22 2.2	[104-22]					114870	12 2.2
3-152 2.5						110615	12 2.8
403C-07 0.7 3R						112534	12 2.0
403C-10 1.0 3R						112534	12 2.0
403C-11 1.1 3R						112534	12 2.0
403C-15 1.5 3R						112534	12 2.0
404C-20 2.0 4R						112534	12 2.0
404C-22 2.2 4R						112534	12 2.0
404C-22T 2.2 4R44						112534	12 2.0
4-108		01.89-	112112	14 70	01.89-01.89-	112277110602	12 1.812 2.8
4-154					01.89-	110602	12 2.8
4-236 3.9			111295	28 55		110615	12 2.8
4-248 4.0					01.87- 01.9001.71- 06.90	110615113534	12 2.812 3.0
6-354					01.87- 01.8907.87- 12.8907.87- 12.89	110615112670113534	12 2.824 4.012 3.0
					01.80-01.80-	116326110566	12 3.624 5.2
		01.80-	111510	28 55	01.80-	110449	12 3.6 A49
6-372		01.80-	112112	14 70	01.80-	110566	24 5.2
903-27 2.7						110615	12 2.8
Various Models	[Komatsu]				01.88-01.88-01.88-	111097112037112277	24 5.524 4.012 1.8
			113967	14 120 MA		110604	12 2.8
			114767	28 100		110590	12 2.8
			116475	28 55		110819	12 2.8
						111041	12 2.8
						112534	12 2.0
						112089	12
						112091	24 7.8
					02.78- 03.97	111737	12 2.8
						111703	12 2.0
						113269	12 3.0
					07.87- 12.89	112670	24 4.0
					01.87- 01.89	113654	12 3.0 MA
					01.87- 01.89	113655	12 3.0 MA
					01.71- 01.90	113534	12 3.0
						114718	12 1.4
					OE	114387	12 3.2 IS
					OE	114388	12 3.2 IS
						114107	12 3.2
						116307	12 3.2 IS
						116308	12 3.2 IS
						116136	12 4.2
			112112	14 70		110450	12 3.6
Peugeot							
PASSENGER CARS EU							
104 1.0	[108 (XV3)]	10.72- 10.79	111075	14 55			
	[108 (XV5)]	10.72- 10.79	111075	14 55			
	[108C (XV8)]	08.79- 06.88	111075	14 55			
104 1.1	[109 (XW3)]	08.79- 06.83	111075	14 55			
	[109F (XW7)]	08.79- 06.88	111075	14 55			



PEUGEOT Continued

	[121 (XW35)]	08.79- 06.88	111075	14	55		
104 1.2	[129 (XZ5)]	08.79- 06.83	111075	14	55		
104 1.4	[150 (XY6B)]	08.79- 06.83	111075	14	55		
106 1.0	[CDY (TU9M)]	09.91- 03.01	110619	14	70	09.91- 03.01	110584 12 1.2
		09.91- 03.01	112782	14	80		
	[CDZ (TU9M)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584 12 1.2
		AC 09.91- 04.96	112782	14	80		
	[TU9]	09.91- 03.01	110619	14	70	09.91- 03.01	110584 12 1.2
		09.91- 03.01	112782	14	80		
	[TU9, CDY (TU9M)]	08.91- 03.96	110619	14	70	08.91- 03.96	110584 12 1.2
		AC 08.91- 03.96	112782	14	80		
106 1.0 i	[CDY (TU9M)]	05.96-	110619	14	70	05.96-	110584 12 1.2
	[CDZ (TU9M)]	01.97-	110619	14	70	01.97-	110584 12 1.2
106 1.1	[HDZ (TU1M)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584 12 1.2
106 1.1 i	[HDY (TU1M)]	03.00-	112648	14	70	01.97-	110584 12 1.2
		01.97-	110619	14	70	01.97-	111029 12 1.4
		AC 01.97-	111723	14	70		
	[HDZ (TU1M)]	03.00-	112648	14	70	05.96-	110584 12 1.2
		05.96-	110619	14	70	05.96-	111029 12 1.4
		AC 05.96-	111723	14	70		
	[HFX (TU1JP)]	03.00-	112648	14	70	05.96-	110584 12 1.2
		05.96-	110619	14	70	05.96- 07.04	111029 12 1.4
		05.96- 07.04	111723	14	70		
106 1.1 Bifuel	[HDZ (TU1M+)]	04.96- 03.01	110619	14	70	04.96- 03.01	110584 12 1.2
		04.96- 03.01	111723	14	70	04.96- 03.01	111029 12 1.4
		04.96- 03.01	112782	14	80		
		04.96- 03.01	113404	14	90		
106 1.3	[TU2J2]	10.93- 04.96	110619	14	70	10.93- 04.96	110584 12 1.2
106 1.4	[K5A (TU3)]	08.91- 03.96	110619	14	70	08.91- 03.96	110584 12 1.2
		08.91- 03.96	112782	14	80		
	[KDX (TU3MC)]	12.92- 04.96	110619	14	70	12.92- 04.96	110584 12 1.2
		AC 12.92- 04.96	112782	14	80		
	[KDY (TU3M)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584 12 1.2
		09.91- 04.96	112782	14	80	09.91- 04.96	111994 12 0.7
	[KFZ (TU3J2/Z)]	09.91- 04.96	110619	14	70	09.91- 04.96	110584 12 1.2
		09.91- 04.96	112782	14	80		
106 1.4 i	[KFW (TU3JP)]	05.96-	110619	14	70	05.96-	110584 12 1.2
	[KFX (TU3JP)]	03.00-	112648	14	70	05.96-	110584 12 1.2
		05.96-	110619	14	70	05.96-	111029 12 1.4
		05.96-	111723	14	70		
		05.96-	112782	14	80		
106 1.5 Diesel	[VJX (TUD5)]	07.00-	111893	14	70	07.00-	111029 12 1.4
		07.00-	112287	14	70	07.00-	111994 12 0.7
		10.00-	111532	14	80	10.00-	110584 12 1.2
	[VJY (TUD5)]	12.93- 07.94	112287	14	70	12.93- 07.94	111994 12 0.7
		01.94-	111532	14	80	01.94-	110584 12 1.2
		06.94- 04.96	112467	14	90		
106 1.6	[NFY (TU5J2)]	01.94- 04.96	110619	14	70	01.94- 04.96	110584 12 1.2
		AC 01.94- 04.96	112782	14	80		
	[NFZ (TU5JP)]	06.93- 04.96	110619	14	70	06.93- 04.96	110584 12 1.2
		09.98-	113404	14	90		
		AC 06.93- 04.96	112782	14	80		
106 1.6 i	[NFW (TU5J2)]	05.96-	111893	14	70	05.96-	111994 12 0.7
		05.96-	112782	14	80		
		09.98-	113404	14	90		
	[NFY (TU5J2)]	05.96-	111893	14	70	05.96-	111029 12 1.4
		05.96-	112782	14	80		
	[NFZ (TU5JP)]	05.96-	111723	14	70	05.96-	111029 12 1.4
		05.96-	112782	14	80		
106 1.6 S 16	[NFX (TU5J4)]	05.96-	112782	14	80		
107 1.0	[1KR (384F)]	06.05-	114090	14	70	06.05-	113254 12 1.4
		06.05-	114099	14	80	06.05-	113963 12 1.1
107 1.4 HDi	[8HT (DV4TD)]	06.05-	113755	14	150	06.05-	111848 12 1.0
						06.05-	113933 12 1.5
108 1.0 VTi	[1KR-FE]	05.14-	116301	14	100	A25 05.14-	116648 12 1.0
						05.14-	116279 12 1.2
		A25 05.14-	116300	14	115	A42 05.14-	113963 12 1.1
108 1.0 VTi 72	[CFB (1KR)]	05.18-	116301	14	100	05.18-	116092 12 1.0
						A13 05.18-	116279 12 1.2
		A25 05.18-	116300	14	115	A25 05.18-	116648 12 1.0
205 1.0	[108C (XV8)]	02.83- 10.87	111075	14	55	02.83- 10.87	110584 12 1.2
	[TU9]	10.87- 09.98	110077	14	50	10.87- 09.98	110584 12 1.2
		10.87- 09.98	111841	14	50		
		AC 10.87- 09.98	114026	14	80		
205 1.1	[109F (XW7)]	02.83- 10.87	111075	14	55	02.83- 10.87	110587 12 1.2
	[109N (XW7)]	02.83- 10.87	111075	14	55	02.83- 10.87	110584 12 1.2
		10.87-	112162	14	70	10.87- 10.90	110587 12 1.2
	[H1B (TU1)]	10.87- 10.90	110077	14	50	10.87- 10.90	110584 12 1.2
		10.87- 10.90	111841	14	50		
	[HDZ (TU1M)]	07.89- 09.98	110077	14	50	07.89- 09.98	110584 12 1.2
		07.89- 09.98	111841	14	50		
		AC 07.89- 09.98	114026	14	80		
205 1.1 CJ	[HDZ (TU1M)]	10.89- 12.94	110077	14	50	10.89- 12.94	110584 12 1.2
		10.89-	111841	14	50		
205 1.3 Rally	[TU24]	AC 10.87- 10.90	114026	14	80		
205 1.4	[150 (XY6B)]	02.83- 10.87	111075	14	55	02.83- 10.87	110587 12 1.2
	[150B (XY8)]	02.83- 10.87	111075	14	55	02.83- 10.87	110587 12 1.2
	[150D (XY7)]	02.83- 10.87	111075	14	55	02.83- 10.87	110587 12 1.2
		10.87- 05.89	111841	14	50		
	[150G (XY7)]	10.87- 10.90	111075	14	55	10.87- 10.90	110587 12 1.2
	[150H (XY8)]	10.85- 10.87	111075	14	55	10.85- 10.87	110587 12 1.2
		07.88- 05.89	111841	14	50		
	[K1D (TU3A)]	10.87- 10.90	110077	14	50	10.87- 10.90	110584 12 1.2
		10.87- 10.90	111841	14	50		
	[K2B (TU3S)]	06.87- 12.89	110077	14	50	06.87- 12.89	110584 12 1.2
		06.87- 12.89	111841	14	50		
	[KAY (TU3CP)]	08.87- 09.93	110077	14	50	08.87- 09.93	110584 12 1.2
		01.89- 09.93	111841	14	50		
	[KDX (TU3MC)]	08.90- 07.98	111841	14	50		



205 1.4 CJ	[KDY (TU3M)]	07.88- 09.98	110077	14 50	07.88- 09.98	110584	12 1.2
		07.88- 09.98	111841	14 50			
		AC 07.88- 09.98	114026	14 80			
	[KDZ (TU3M)]	07.88- 09.98	110077	14 50	07.88- 09.98	110584	12 1.2
		07.88- 10.90	111841	14 50			
		AC 07.88- 09.98	114026	14 80			
	[KFX (TU3JP)]	07.88- 09.98	110077	14 50	07.88- 09.98	110584	12 1.2
	[150D (XY7)]	03.88- 05.89	111075	14 55	03.88- 05.89	110587	12 1.2
		03.88- 05.89	111841	14 50			
	[150G (XY7)]	10.87- 10.90	111075	14 55	10.87- 10.90	110587	12 1.2
205 1.4 CT	[K1D (TU3A)]	03.89- 12.94	110077	14 50	03.89- 12.94	110584	12 1.2
		03.89-	111841	14 50			
	[KDY (TU3M)]	05.91- 12.94	110077	14 50	05.91- 12.94	110584	12 1.2
		05.91-	111841	14 50			
	[KDZ (TU3M)]	05.91- 12.94	110077	14 50	05.91- 12.94	110584	12 1.2
		06.91- 12.94	111841	14 50			
	[150B (XY8)]	04.86- 12.88	111075	14 55	04.86- 12.88	110587	12 1.2
	[150H (XY8)]	02.83- 12.88	111075	14 55	02.83- 12.88	110587	12 1.2
	[B1A (XU51C)]	08.86- 10.87	111076	14 50	08.86- 10.87	110587	12 1.2
		08.86- 10.87	112162	14 70	10.87-	111130	12 1.1
205 1.6	[B1E (XU51C)]	03.87- 10.87	111076	14 50	03.87- 10.87	111070	12 1.7
		03.87- 10.87	112162	14 70			
	[BAZ (XU5CP)]	10.87-	111076	14 50	10.87-	111070	12 1.7
	[BDY (XU5M2Z)]	05.90- 09.98	111076	14 50	05.90- 09.98	111130	12 1.1
		05.90- 09.98	112162	14 70			
	[BDY (XU5M3Z)]	05.90- 09.98	111076	14 50	05.90- 09.98	111130	12 1.1
		05.90- 09.98	112162	14 70			
	[BDY (XU5M3Z)]	08.92-	112162	14 70			
	[180A (XU5J)]	04.86- 10.90	111076	14 50	04.86- 10.90	110587	12 1.2
		04.86- 10.90	112162	14 70			
205 1.6 CTi	[180Z (XU5J)]	04.86- 10.90	111076	14 50	04.86- 10.90	110587	12 1.2
	[180A (XU5J)]	03.84-	111076	14 50	03.84-	110587	12 1.2
		12.84- 10.87	112162	14 70			
	[180Z (XU5J)]	10.87- 12.89	111076	14 50	10.87- 12.89	111070	12 1.7
	[XU5JA]	10.87- 12.89	111076	14 50	10.87- 12.89	111130	12 1.1
	[161A (XUD7)]	03.94-	111076	14 50	03.94-	111130	12 1.1
	[161A (XUD7)]	08.83- 10.87	111076	14 50	08.83- 10.87	111130	12 1.1
		07.87- 09.98	112162	14 70			
	[A8B (XUD7TE)]	01.90-	111076	14 50	01.90-	111130	12 1.1
		01.90- 09.98	112162	14 70			
205 1.6 GTi	[A9A (XUD7)]	02.83- 07.90	111076	14 50	02.83- 07.90	111070	12 1.7
	[DJZ (XUD9Y)]	10.87- 09.98	111076	14 50	10.87- 09.98	111130	12 1.1
		10.87- 09.98	112162	14 70			
	[DFZ (XU9J1)]	10.87-	111076	14 50	10.87-	111070	12 1.7
		10.87-	112162	14 70			
	[D2A (XU92C)]	10.87- 05.89	111076	14 50	10.87- 05.89	111130	12 1.1
		10.87- 05.89	112162	14 70			
	[D6B (XU9JA)]	10.86- 10.87	111076	14 50	10.86- 10.87	110587	12 1.2
		10.86-	112162	14 70			
	[DFZ (XU9J1)]	03.87- 10.87	111076	14 50	10.87- 07.94	114460	12 1.4
205 1.7 Diesel		03.87- 10.87	112162	14 70			
	[DKZ (XU9JAZ)]	10.87- 10.94	111076	14 50	10.87- 10.94	111130	12 1.1
		10.87- 10.94	112162	14 70			
	[HFX (TU1JP)]	03.02-	113603	14 80	07.02-	114030	12 2.2
		07.02-	113575	14 80	07.02-	111994	12 0.7
		PS 07.02-	113405	14 70			
		ACPS 07.02-	112469	14 90			
	[HFZ (TU1JP)]	09.02- 02.07	110619	14 70	09.02- 02.07	110584	12 1.2
		09.02- 02.07	112058	14 70	09.02- 02.07	111070	12 1.7
		09.02- 02.07	112469	14 90	09.02- 02.07	111994	12 0.7
205 1.8 Diesel		09.02- 02.07	112480	14 90	09.02- 02.07	113254	12 1.4
		09.02- 02.07	113405	14 70	09.02- 02.07	113933	12 1.5
		09.02- 02.07	113503	14 120	09.02- 02.07	114460	12 1.4
		09.02- 02.07	113575	14 80			
		09.02- 02.07	113603	14 80			
	[HFX (TU1JP)]	03.00-	113503	14 120	03.00-	113933	12 1.5
		03.00-	113603	14 80	03.00-	110584	12 1.2
		09.98-	113575	14 80			
		PS 03.00-	112058	14 70			
	[HFZ (TU1JP)]	06.98-	113603	14 80	06.98-	116634	12 1.1
206 1.1 i		09.98-	113575	14 80	09.98-	113254	12 1.4
		PS 09.98-	113405	14 70	09.98-	111994	12 0.7
		ACPS 09.98-	112469	14 90			
	[KFX (TU3JP)]	05.06- 09.07	110619	14 70	05.06- 09.07	110584	12 1.2
		05.06- 09.07	112058	14 70			
		05.06- 09.07	113405	14 70	05.06- 09.07	114030	12 2.2
		05.06- 09.07	113503	14 120	05.06- 09.07	113933	12 1.5
		05.06- 09.07	113575	14 80			
		05.06- 09.07	113603	14 80			
	[8HX (DV4TD)]	09.01- 03.09	113755	14 150			
206 1.4 LPG		07.02-	113948	14 150			
	[8HZ (DV4TD)]	09.01- 03.09	113755	14 150			
	[8HX (DV4TD)]	09.01-	113755	14 150			
		09.01-	113948	14 150			
	[8HZ (DV4TD)]	09.01-	113755	14 150			
		09.01-	113948	14 150			
	[KFX (TU3A)]	07.02-	113575	14 80	03.07-	110584	12 1.2
		07.02-	113603	14 80	03.07-	113933	12 1.5
		03.07-	110619	14 70	03.07-	114460	12 1.4
		03.07-	113405	14 70			
206 1.4 HDi		03.07-	113503	14 120	07.02-	111994	12 0.7
		ACPS 07.02-	112469	14 90			
	[KFW (TU3JP)]	03.02-	113603	14 80	03.07-	110584	12 1.2
		07.02-	113575	14 80	03.07-	114030	12 2.2
		03.07-	110619	14 70	03.07-	113933	12 1.5
		03.07-	113405	14 70	07.02-	113254	12 1.4
		03.07-	113503	14 120	07.02-	111994	12 0.7
		ACPS 07.02-	112469	14 90			
		07.02-	113603	14 80			
		07.02-	113575	14 80			



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206 1.4 16V	[KFU (ET3J4)]	10.03-	112469	14 90	10.03-	111994	12 0.7
		10.03-	113405	14 70	10.03-	114030	12 2.2
		10.03-	113575	14 80			
206 1.4 i	[KFW (TU3JP)]	03.00-	113603	14 80	03.00-	110584	12 1.2
		09.98-	113575	14 80			
		PS 03.00-	112058	14 70			
	[KFX (TU3JP)]	06.98-	113603	14 80	06.98-	116634	12 1.1
		09.98-	112469	14 90	09.98-	111994	12 0.7
		09.98-	113575	14 80	09.98-	113254	12 1.4
	ACPS 09.98-	113405	14 70				
206 1.6 HDi	[9HZ (DV6TED4)]	04.05-	113640	14 150			
206 1.6 HDi FAP	[9HY (DV6TED4)]	05.04-	113503	14 120	05.04-	113933	12 1.5
		05.04-	113640	14 150			
	[9HZ (DV6TED4)]	05.04-	113503	14 120	05.04-	113933	12 1.5
		05.04-	113640	14 150			
206 1.6 16V	[NFU (TU5JP4)]	09.00-	112058	14 70	03.00-	116634	12 1.1
		09.00-	113405	14 70	09.00-	110584	12 1.2
		03.00-	113603	14 80	09.00-	111994	12 0.7
		09.00-	113575	14 80	09.00-	113254	12 1.4
		09.00-	112469	14 90	12.00-	111730	12 1.0
		ACPS 09.00-	112480	14 90			
206 1.6 i	[NFZ (TU5JP)]	06.98-	113603	14 80	06.98-	116634	12 1.1
		09.98-	112058	14 70	09.98-	110584	12 1.2
		09.98-	112469	14 90	09.98-	111994	12 0.7
		09.98- 12.00	113575	14 80	09.98-	113254	12 1.4
		PS 09.98-	113405	14 70			
206 1.9 Diesel	[WJZ (DW8)]	06.98-	113603	14 80	06.98-	116634	12 1.1
		09.98-	112058	14 70	09.98-	110584	12 1.2
		ACPS 09.98-	112480	14 90	09.98-	111994	12 0.7
206 2.0 HDi	[RHY (DW10TD)]		112460	14 150		111070	12 1.7
			112480	14 90		113254	12 1.4
			113503	14 120		114460	12 1.4
			113640	14 150			
206 2.0 16V	[RFN (EW10J4)]	03.02-	113503	14 120	03.02-	113933	12 1.5
206 2.0 S 16	[RFN (EW10J4)]	05.00-	112058	14 70	05.00-	110584	12 1.2
		05.00-	112480	14 90	05.00-	111994	12 0.7
		05.00-	113405	14 70	05.00-	113254	12 1.4
	[RFR (DEW10J4)]	04.99-	112058	14 70	04.99-	110584	12 1.2
		04.99-	112480	14 90	04.99-	111994	12 0.7
207 1.4 HDi	[8HR (DV4C)]	02.06-	113640	14 150	02.06-	111848	12 1.0
		02.06-	113946	14 90	02.06-	113254	12 1.4
		02.06-	115369	14 150	02.06-	113933	12 1.5
	[8HZ (DV4TD)]	02.06-	113640	14 150	02.06-	110584	12 1.2
		02.06-	113946	14 90	02.06-	113254	12 1.4
		02.06-	115369	14 150	02.06-	113933	12 1.5
	[KFW (TU3A)]	02.06-	114707	14 80	02.06-	113254	12 1.4
		02.06-	115474	14 80	02.06-	113960	12 0.9
207 1.4 16V	[KFW (TU3A)]	12.07-	114707	14 80	12.07-	113254	12 1.4
		12.07-	115474	14 80	12.07-	113960	12 0.9
	[8FR (EP3)]	10.09-	114752	14 80	10.09-	114030	12 2.2
		06.07-	114752	14 80	06.07-	114030	12 2.2
		06.07-	114811	14 120 A49	06.07-	113960	12 0.9
	[8FS (EP3)]	06.07-	116311	14 120	06.07-	113933	12 1.5
					06.07-	115634	12 1.8
	[EP3]	06.07-	114752	14 80	06.07-	114030	12 2.2
		06.07-	114811	14 120 A49	06.07-	113960	12 0.9
		06.07-	116311	14 120	06.07-	113933	12 1.5
	[EP3C]	06.07-	114752	14 80	06.07-	113254	12 1.4
		06.07-	114811	14 120 A49	06.07-	114030	12 2.2
		06.07-	116311	14 120	06.07-	113960	12 0.9
					06.07-	113933	12 1.5
	[KFU (ET3J4)]	02.06-	113246	14 90	02.06-	110584	12 1.2
207 1.6 Bioflex	[N6A (TU5JP4)]	01.08-	112469	14 90	01.08-	110584	12 1.2
207 1.6 HDi	[9HP (DV6DTE)]	11.09-	115364	14 150	11.09-	113960	12 0.9
	[9HR (DV6C)]	08.09-	113640	14 150	08.09-	111848	12 1.0
		08.09-	115369	14 150	08.09-	113933	12 1.5
	[9HV (DV6ATED4)]	02.06-	113640	14 150	02.06-	111848	12 1.0
	[9HV (DV6TED4)]	02.06-	113640	14 150	02.06-	113254	12 1.4
	[9HX (DV6ATED4)]	02.06-	113640	14 150	02.06-	110584	12 1.2
					08.07- 12.12	113254	12 1.4
207 1.6 16V Turbo	[5FR (EP6DT)]	02.06-	113640	14 150	02.06-	110584	12 1.2
					08.07- 12.12	113254	12 1.4
					02.06-	110584	12 1.2
					08.07- 12.12	113254	12 1.4
207 1.6 16V	[5FR (EP6DT)]	10.09-	114752	14 80	10.09-	114030	12 2.2
		10.09-	114771	14 150	10.09-	113960	12 0.9
		10.09-	114811	14 120 A49	10.09-	113933	12 1.5
		10.09-	115604	14 150 A49			
		10.09-	116311	14 120			
		10.09-	116353	14 150			
	[5FS (EP6C)]	02.07-	114752	14 80	02.07-	113254	12 1.4
		02.07-	114811	14 120 A49	02.07-	114030	12 2.2
		02.07-	116311	14 120	02.07-	113933	12 1.5
	[EP6]	06.07-	113960	12 0.9	06.07-	113960	12 0.9
		02.07-	114752	14 80	02.07-	114030	12 2.2
		02.07-	114811	14 120 A49	02.07-	113960	12 0.9
207 1.6 VTI 16V	[NFU (TU5JP4)]	02.06-	113246	14 90	02.06-	110584	12 1.2
207 1.6 Vti	[5FS (EP6C)]	02.07-	114752	14 80	02.07-	114030	12 2.2
		02.07-	114811	14 120 A49	02.07-	113960	12 0.9
		02.07-	116311	14 120	02.07-	113933	12 1.5
	[EP6]	02.07-	114752	14 80	02.07-	113254	12 1.4
		02.07-	114811	14 120 A49	02.07-	113960	12 0.9
		02.07-	116311	14 120	02.07-	113933	12 1.5
207 1.6 Vti	[5FW (EP6)]	03.07- 12.12	114752	14 80	03.07- 12.12	114030	12 2.2
		03.07- 12.12	114811	14 120 A49	03.07- 12.12	113960	12 0.9
		03.07- 12.12	116311	14 120			
208 1.0	[ZMZ (EB0)]	03.12-	115546	14 80 A49	03.12-	113960	12 0.9
		03.12-	116357	14 80	03.12-	116092	12 1.0
208 1.2	[HMP (EB2FB)]	08.16-	115546	14 80	08.16-	113960	12 0.9
		08.16-	116237	12 125	A25 08.16-	116280	12 0.9
		08.16-	116357	14 80	08.16-	116092	12 1.0



	[HMZ (EB2F)]	03.12- 03.12-	115546 116357	14 80 14 80	A49	03.12- 03.12-	113960 113933	12 0.9 12 1.5
208 1.2 PureTech 82	[HMR (EB2FA)]	03.18-	116541	14 120		03.18-	116092	12 1.0
208 1.2 GPL	[HMZ (EB2F)]	06.15- 06.15- 06.15-	115546 116237 116357	14 80 12 125 14 80	A49	06.15- 06.15- A25 06.15-	113960 116092 116280	12 0.9 12 1.0 12 1.8
208 1.2 THP	[HNZ (EB2DT)]					A25 01.13-	116281	12 1.8
208 1.2 Puretech 75	[HMH (EB2FAD)]	Emission standard 6.2 06.19-	116541	14 120		A25 06.19-	116280	12 0.9
208 1.2 VTi Puretech 82	[HMZ (EB2F), HMZ (EB2), HMR (EB2FA)]	06.15- 06.15- 06.15-	115546 116237 116357	14 80 12 125 14 80	A49	06.15- 06.15- A25 06.15-	113960 116092 116280	12 0.9 12 1.0 12 0.9
208 1.4 GPL		10.13-	114752	14 80		10.13-	113254	12 1.4
208 1.4 HDi	[8HP(DV4C)]	03.12-	115364	14 150		03.12-	114030	12 2.2
	[8HR (DV4C)]	10.12-	115364	14 150		10.12-	114030	12 2.2
	[8HR(DV4C)]	03.12-	115364	14 150		03.12-	113254	12 1.4
208 1.4	[8FS (EP3)]	03.12- 03.12-	114811 116311	14 120 14 120	A49	03.12- 03.12-	113254 113933	12 1.4 12 1.5
	[EP3C]	03.12- 03.12-	114811 116311	14 120 14 120	A49	03.12- 03.12-	113254 113933	12 1.4 12 1.5
208 1.5 BlueHdi 100	[YHY (DV5RD)]	05.18- 05.18-	116152 116541	14 150 14 120		05.18- 05.18-	113960 116092	12 0.9 12 1.0
208 1.5 BlueHdi 130	[YHZ (DV5RC)]	09.19-	116152	14 150		09.19-	113960	12 0.9
208 1.6 BlueHdi 100	[BHY (DV6FD)]	01.15-	115364	14 150		01.15- 01.15-	114030 116282	12 2.2 12 1.7
208 1.6 BlueHdi 120	[BHZ (DV6FC)]	11.13-	115364	14 150		11.13- 11.13-	114030 116282	12 2.2 12 1.7
208 1.6 BlueHdi 75	[9HK (DV6ETEDM), BHW (DV6FE)]	01.13-	115364	14 150		01.13-	114030	12 2.2
208 1.6 HDi 100	[BHY (DV6FD)]	06.15-	115364	14 150		06.15- 06.15-	114030 116282	12 2.2 12 1.7
208 1.6 HDi HDi 90 (UB9HPA)	[9HP (DV6DTE)]	10.19-	115364	14 150		10.19-	114030	12 2.2
208 1.6	[5FS (EP6C)]	03.12- 03.12-	114811 116311	14 120 14 120	A49	03.12- 03.12-	113254 113933	12 1.4 12 1.5
208 1.6 GTi	[5FU (EP6CDTX)]	08.12- 08.12- 08.12-	114752 114811 116311	14 80 14 120 14 120	A49	08.12- 08.12- 10.14-	113254 113933 116281	12 1.4 12 1.5 12 1.8
208 1.6 THP 165	[5GZ (EP6FDT)]	03.15-	114752	14 80		03.15- 03.15-	113254 116281	12 1.4 12 1.8
208 1.6 VTi 115 (UWNFPW UWNFJW)	[NFP (EC5F), NFJ (EC5F)]	11.19-	116152	14 150		11.19-	113933	12 1.5
301 1.2 VTi 72	[HMY (EB2M)]	11.12- 11.12- 11.12-	115546 116152 116357	14 80 14 150 14 80	A49	11.12- A25 11.12-	114030 116280	12 2.2 12 0.9
301 1.2 VTi 82	[HMZ (EB2F)]	12.14- 12.14- 12.14- 12.14-	115546 116152 116237 116357	14 80 14 150 12 125 14 80		12.14-	116092	12 1.0
301 1.2 Puretech 82	[HMR (EB2FA)]	02.18-	116541	14 120				
301 1.5 Diesel	[YHY (DV5RD)]	05.18- 05.18-	116152 116541	14 150 14 120				
301 1.6 BlueHdi 100	[BHY (DV6FD)]	04.14-	115364	14 150		04.14-	114030	12 2.2
301 1.6 HDi 92	[9HF (DV6DTE)]	11.12-	115364	14 150		11.12-	113254	12 1.4
301 1.6 VTi 115	[NFP(ES)]	11.12-	113246	14 90		11.12-	110581	24 4.5
301 1.6 LPG LPG	[NFP (EC5)]	07.14- 07.14- 07.14- 07.14- AT 07.14-	113246 113405 115438 116237	14 90 14 70 14 120 12 125		07.14- 07.14- 07.14-	113254 114030 116092	12 1.4 12 2.2 12 1.0
305 1.6	[171 (XU5S)]	10.82- 06.84	111076	14 50		10.82- 06.84	110587	12 1.2
	[B1A (XU51C)]	10.82- 07.88	111076	14 50		10.82- 07.88	110587	12 1.2
	[BAZ (XU5CP)]	11.86- 12.88	111076	14 50		11.86- 12.88	111130	12 1.1
305 1.9 Diesel	[16Z (XUD9)]	10.82- 07.88 10.82- 07.88	111076 112162	14 50 14 70		10.82- 07.88 10.82- 12.88 10.82- 07.88	110587 111130 111070	12 1.2 12 1.1 12 1.7
	[D9A (XUD9)]	10.82- 07.88 10.82- 07.88	111076 112162	14 50 14 70		10.82- 07.88 10.82- 07.88	110587 111130	12 1.2 12 1.1
						10.82- 12.88	111070	12 1.7
305 1.9	[159 (XU9S)]	10.82- 08.85 10.82- 08.85	111076 112162	14 50 14 70		10.82- 08.85 10.82- 08.85	110587 111130	12 1.2 12 1.1
	[DFZ (XU9J1)]	11.86- 12.88 11.86- 12.88	111076 112162	14 50 14 70		11.86- 12.88 11.86- 12.88	111130 111070	12 1.1 12 1.7
306 1.1	[HDZ (TU1M)]	01.93- 05.93- 05.01	112782 110619	14 80 14 70		05.93- 05.01	110584	12 1.2
306 1.4	[KDX (TU3MC)]	05.93- 05.01 AC 01.93-	110619 112782	14 70 14 80		05.93- 05.01	110584	12 1.2
	[KFW (TU3JP)]	10.00- 10.03 05.93- 05.01	112782 110619	14 80 14 70		05.93- 05.01	110584	12 1.2
	[KFX (TU3JP)]	05.93- 05.01 09.96-	110619 112782	14 70 14 80		05.93- 05.01	110584	12 1.2
306 1.4 SL	[KDX (TU3MC)]	06.94- 05.01 ACPS 02.93-	110619 112782	14 70 14 80		06.94- 05.01	110584	12 1.2
	[KFW (TU3JP)]	10.00- 10.03 06.94- 05.01	112782 110619	14 80 14 70		06.94- 05.01	110584	12 1.2
	[KFX (TU3JP)]	06.94- 05.01 ACPS 09.96-	110619 112782	14 70 14 80		06.94- 05.01	110584	12 1.2
306 1.4 i	[KFW (TU3JP)]	10.00- 10.03 03.97- 04.02	112782 110619	14 80 14 70		03.97- 04.02	110584	12 1.2
	[KFX (TU3JP)]	03.97- 04.02 03.97-	110619 111723	14 70 14 70		03.97- 04.02 03.97-	110584 111070	12 1.2 12 1.7
306 1.6	[NFT (TU5JP/L4)]	10.00- 04.02 10.00-	110619 112782	14 70 14 80		10.00- 04.02 10.00-	110584 111070	12 1.2 12 1.7
	[NFZ (TU5JP)]	05.93- 10.00 03.97-	110619 111723	14 70 14 70		05.93- 10.00 03.97-	110584 111070	12 1.2 12 1.7
		ACPS 01.93-	112782	14 80				
306 1.6 SR	[NFZ (TU5JP)]	06.94- 10.00 ACPS 06.94-	110619 112782	14 70 14 80		06.94- 10.00	110584	12 1.2
306 1.8 Diesel	[A9A (XUD7)]	05.93- 02.02 05.93- 02.02 ACPS 06.95- 02.02	112230 112292 113485	14 80 14 70 14 80		05.93- 02.02	114460	12 1.4



PEUGEOT Continued

306 1.8	[LFZ (XU7JP)]	05.93-	112299	14	95			
		03.94-	112298	14	80			
306 1.8 ST	[LFZ (XU7JP)]	06.94-	112299	14	95			
306 1.8 16V	[LFY (XU7JP4)]	07.00-	113604	14	95	03.97-	111130	12 1.1
		03.97-	111318	14	80			
306 1.9 Diesel	[DHW (XUD9BSD)]	03.98-	112292	14	70	03.98-	111070	12 1.7
		03.98-	112298	14	80			
		PS 03.98-	111893	14	70			
		PS 03.98-	112688	14	95			
		PS 03.98-	113485	14	80			
	[DJY (XUD9A)]	06.94- 04.97	112292	14	70	06.94- 04.97	114460	12 1.4
		PS 03.97-	111893	14	70			
		03.97-	112298	14	80	03.97-	111070	12 1.7
		PS 03.97-	113485	14	80			
		ACPS 06.94- 06.95	112230	14	80			
	[DJZ (XUD9Y)]	07.95- 04.97	112688	14	95			
		05.93- 09.94	112292	14	70	05.93- 09.94	114460	12 1.4
		ACPS 05.93- 06.94	112230	14	80	05.93- 06.94	111070	12 1.7
	[WJY (DW8B)]	02.99- 08.01	112058	14	70	02.99- 08.01	111070	12 1.7
		02.99- 08.01	112480	14	90			
		02.99- 08.01	113603	14	80			
	[WJZ (DW8)]	09.98- 03.02	112058	14	70	09.98- 03.02	111070	12 1.7
		09.98-	112292	14	70			
		09.98-	112298	14	80			
		09.98- 03.02	113603	14	80			
		PS 09.98-	111893	14	70			
		PS 09.98-	112688	14	95			
		PS 09.98-	113485	14	80			
	[XUD9]	05.97- 05.99	111893	14	70	05.97- 05.99	111070	12 1.7
		05.97- 05.99	112230	14	80	05.97- 05.99	114460	12 1.4
		05.97- 05.99	112688	14	95			
		05.97- 05.99	113485	14	80			
	[XUD9TE]	02.94- 04.99	112230	14	80	02.94- 04.99	114460	12 1.4
		02.94- 04.99	113485	14	80			
306 1.9 Diesel SLD	[DJY (XUD9A)]	06.94- 04.97	112292	14	70	06.94- 04.97	114460	12 1.4
		07.95- 04.97	112688	14	95	06.94- 06.95	111070	12 1.7
		ACPS 06.94- 06.95	112230	14	80			
		ACPS 07.95- 04.97	113485	14	80			
	[DJZ (XUD9Y)]	05.93- 06.94	112292	14	70	05.93- 06.94	114460	12 1.4
		ACPS 05.93- 06.94	112230	14	80	05.93- 06.94	111070	12 1.7
306 1.9 Diesel SRDT	[DHY (XUD9TE)]	05.93- 04.97	112230	14	80	05.93- 04.97	111070	12 1.7
		05.93- 04.97	112292	14	70	05.93- 04.97	114460	12 1.4
		07.95- 04.97	112688	14	95			
		ACPS 07.95- 04.97	113485	14	80			
	[XUD9]	02.94- 10.95	112230	14	80	02.94- 10.95	114460	12 1.4
306 1.9 STD	[XUD9]	02.94- 10.95	112688	14	95			
		02.94- 10.95	113485	14	80			
		05.93- 04.97	112230	14	80	05.93- 04.97	111070	12 1.7
		05.93- 04.97	112292	14	70	05.93- 04.97	114460	12 1.4
306 1.9 TD	[DHY (XUD9TE)]	05.93- 04.97	112292	14	70			
		05.93- 04.97	112688	14	95			
		02.97-	112298	14	80			
		02.97-	113485	14	80			
		PS 02.97-	111893	14	70			
	[XUD9]	06.99-	112460	14	150			
306 2.0 HDi	[RHY (DW10TD)]	06.99-	112480	14	90			
		03.97-	111318	14	80	03.97-	111130	12 1.1
306 2.0	[RFV (XU10J4R)]	03.97-	113604	14	95			
		01.94- 06.97	112298	14	80	07.96-	111130	12 1.1
	[RFX (XU10J2)]	01.94- 06.97	112299	14	95			
		03.94-	113604	14	95			
		07.96-	111318	14	80			
		07.94- 06.96	112298	14	80	07.96-	111130	12 1.1
306 2.0 ST	[RFX (XU10J2)]	07.94- 06.96	112299	14	95			
		07.94-	113604	14	95			
		07.96-	111318	14	80			
		03.97-	111318	14	80	03.97-	111130	12 1.1
306 2.0 16V	[RFV (XU10J4R)]	03.97-	113604	14	95			
		03.96-	111318	14	80	03.96-	111130	12 1.1
306 2.0 i 16V	[RFS (XU10J4RS)]	03.96-	113604	14	95			
		06.94- 06.96	112298	14	80	07.96-	111130	12 1.1
	[RFT (XU10J4)]	06.94- 06.96	112299	14	95			
		06.94-	113604	14	95			
		07.96-	111318	14	80			
306 2.0 i XS	[RFX (XU10J2)]	05.93- 06.96	112298	14	80	07.96-	110587	12 1.2
		05.93- 06.96	112299	14	95			
		05.93-	113604	14	95			
		07.96-	111318	14	80			
	[RFT (XU10J4)]	06.94- 06.96	112298	14	80	07.96-	111130	12 1.1
306 2.0 S 16	[RFT (XU10J4)]	06.94- 06.96	112299	14	95			
		06.94-	113604	14	95			
		07.96-	111318	14	80			
		05.93-	113604	14	95	07.96-	111130	12 1.1
	[RFY (XU10J4Z)]	06.94- 06.96	112298	14	80			
		06.94- 06.96	112299	14	95			
		06.94- 06.96	112299	14	95			
		07.96-	111318	14	80			
		10.01-	113755	14	150	10.01-	113933	12 1.5
		10.01-	113755	14	150	10.01-	113933	12 1.5
307 1.4	[KFW (TU3JP)]	08.00-	113246	14	90	08.00-	111994	12 0.7
307 1.4 16V	[KFU (ET3J4)]	11.03-	113246	14	90	11.03-	111994	12 0.7
		11.03-	113405	14	70	11.03-	113254	12 1.4
307 1.6 HDi	[9HV (DV6ATED4)]	01.06-	113640	14	150	01.06-	114030	12 2.2
307 1.6 HDi FAP	[9HY (DV6TED4)]	02.04-	112461	14	150	02.04-	110584	12 1.2
		02.04-	113640	14	150	02.04-	113254	12 1.4
						02.04-	114030	12 2.2
	[9HZ (DV6TED4)]	02.04-	112461	14	150	02.04-	111070	12 1.7
		02.04-	113640	14	150	02.04-	114030	12 2.2
307 1.6 16V	[NFU (TU5JP4)]	03.02-	113246	14	90	03.02-	111994	12 0.7
		08.00-	113246	14	90	08.00-	111994	12 0.7



307 2.0 HDi	[RHS (DW10ATED4)]		112460	14 150	08.20-	111070	12 1.7
			112461	14 150	08.20-	113254	12 1.4
			112480	14 90	08.20-	113926	12 1.9
		08.20-	113503	14 120			
		08.20-	113640	14 150			
	[RHY (DW10TD)]	08.00-	112461	14 150	08.00-	110584	12 1.2
		08.00-	112480	14 90	08.00-	111070	12 1.7
		08.00-	113640	14 150	08.00-	113254	12 1.4
		03.02-	112460	14 150			
		03.02-	113503	14 120			
307 2.0 HDi FAP	[RHR (DW10BTED4)]	02.04-	113640	14 150	03.02-	114030	12 2.2
		Chas. -09519 10.03-	112461	14 150	02.04-	113254	12 1.4
					06.05-	114030	12 2.2
					10.03-	110584	12 1.2
						113926	12 1.9
	[RHS (DW10ATED4)]	Chas. 9520-	113640	14 150		114460	12 1.4
			112461	14 150		111070	12 1.7
307 2.0	[RFN (EW10J4)]		112469	14 90		111070	12 1.7
307 2.0 16V	[RFJ (EW10A)]		115371	14 120		116634	12 1.1
			115541	14 150		114460	12 1.4
						113933	12 1.5
	[RFK (EW10J4S)]		112469	14 90	06.05-	113933	12 1.5
			113755	14 150			
	[RFN (EW10J4)]		112469	14 90	08.20-	111070	12 1.7
308 1.2 THP 110	[HNZ (EB2DT)]	11.13-	116152	14 150	11.13-	113933	12 1.5
308 1.2 THP 130	[HNY (EB2DTS)]	11.13-	116152	14 150	11.13-	113933	12 1.5
308 1.2 VTi 72	[HMZ (EB2F)]	09.13-	116152	14 150	09.13-	113933	12 1.5
		09.13-	116237	12 125			
308 1.4 16V	[8FR (EP3C)]	12.09-	114771	14 150	12.09-	114030	12 2.2
		12.09-	114811	14 120 A49	12.09-	113926	12 1.9
		12.09-	115604	14 150 A49	12.09-	114854	12 2.5
		12.09-	116311	14 120	12.09-	116281	12 1.8
		12.09-	116353	14 150			
	[8FS (EP3)]	09.07-	114752	14 80	09.07-	113254	12 1.4
		09.07-	114771	14 150	09.07-	114030	12 2.2
		09.07-	114811	14 120 A49	09.07-	113960	12 0.9
		09.07-	115604	14 150 A49	09.07-	113926	12 1.9
		09.07-	116311	14 120	09.07-	113933	12 1.5
		09.07-	116353	14 150	09.07-	114854	12 2.5
	[EP3]	09.07-	114752	14 80	09.07-	116281	12 1.8
		09.07-	114771	14 150	09.07-	113254	12 1.4
		09.07-	114811	14 120 A49	09.07-	114030	12 2.2
		09.07-	115604	14 150 A49	09.07-	113960	12 0.9
		09.07-	116311	14 120	09.07-	113933	12 1.5
308 1.5 BlueHDi	[YHZ (DV5RC)]	06.17-	116152	14 150	06.17-	114460	12 1.4
		06.17-	116541	14 120		113933	12 1.5
308 1.5 BlueHDi 100	[YHY (DV5RD)]	05.18-	116541	14 120			
308 1.5 BlueHDi 130	[YHZ (DV5RC)]	06.17-	116541	14 120	06.17-	116282	12 1.7
308 1.6 BlueHDi 120	[BHX (DV6FC)]	03.15-	115364	14 150	03.15-	113960	12 0.9
		03.15-	116242	12 180	03.15-	113933	12 1.5
308 1.6 HDi	[9HD (DV6C)]	03.13-	115364	14 150	03.13-	113960	12 0.9
		03.13-	115364	14 150	03.13-	113960	12 0.9
		03.13-	115364	14 150	03.13-	113960	12 0.9
		09.13-	115364	14 150	09.13-	113960	12 0.9
		09.13-	115475	14 180			
	[9HV (DV6ATED4)]	09.07-	113640	14 150	09.07-	113254	12 1.4
		09.07-	113640	14 150	09.07-	113254	12 1.4
		09.07-	113640	14 150	09.07-	111070	12 1.7
		09.07-	113640	14 150	09.07-	110584	12 1.2
		09.07-	113640	14 150	09.07-	110584	12 1.2
308 1.6	[5FA (EP6CDT)]	09.13-	114811	14 120 A49	09.13-	113960	12 0.9
		09.13-	116311	14 120	09.13-	114854	12 2.5
	[5FV (EP6DT)]	09.13-	114811	14 120 A49	09.13-	113960	12 0.9
		09.13-	116311	14 120	09.13-	114854	12 2.5
308 1.6 16V	[EP6]	09.07-	114752	14 80	09.07-	113254	12 1.4
		09.07-	114771	14 150	09.07-	114030	12 2.2
		09.07-	114811	14 120 A49	09.07-	113926	12 1.9
		09.07-	115604	14 150 A49	09.07-	113960	12 0.9
		09.07-	116311	14 120	09.07-	113933	12 1.5
		09.07-	116353	14 150	09.07-	114854	12 2.5
					09.07-	114460	12 1.4
					09.07-	116281	12 1.8
	[EP6CDT]	10.09-	114771	14 150	10.09-	114030	12 2.2
		10.09-	114811	14 120 A49	10.09-	113960	12 0.9
		10.09-	115604	14 150 A49	10.09-	113933	12 1.5
		10.09-	116311	14 120	10.09-	114854	12 2.5
		10.09-	116353	14 150	A25 10.09-	116281	12 1.8
308 1.6 GTI	[EP6CDTX]	07.10-	114811	14 120 A49	07.10-	113960	12 0.9
		07.10-	115604	14 150 A49	07.10-	113933	12 1.5
		07.10-	116311	14 120	07.10-	114854	12 2.5
		07.10-	116353	14 150	A25 07.10-	116281	12 1.8
308 2.0 HDi	[RHE (DW10CTED4)]	10.11- 10.14	115364	14 150	10.11- 10.14	113960	12 0.9
		10.11- 10.14	115475	14 180			
	[RHH (DW10CTED4)]	04.12-	115364	14 150	04.12-	113960	12 0.9
308 2.0 Bioflex	[RHR (DW10BTED4)]	09.07-	113640	14 150	09.07-	111070	12 1.7
	[RFJ (EW10A)]		115371	14 120		113960	12 0.9
			115541	14 150			
309 1.1	[H1B (TU1)]	09.89- 10.93	111841	14 50	09.89- 10.93	111070	12 1.7
	[HDZ (TU1M)]	08.90- 12.93	111841	14 50	08.90- 12.93	111070	12 1.7
309 1.4	[K1D (TU3A)]	03.89- 07.89	110077	14 50	03.89- 07.89	110584	12 1.2
		03.89- 12.93	111841	14 50	03.89- 12.93	111070	12 1.7
	[K2B (TU3S)]	03.89- 07.89	110077	14 50	03.89- 07.89	110584	12 1.2
		03.89- 12.93	111841	14 50	03.89- 12.93	111070	12 1.7
	[KDY (TU3M)]	03.89- 07.89	110077	14 50	03.89- 07.89	110584	12 1.2
		09.89- 10.93	111841	14 50	09.89- 10.93	111070	12 1.7
	[KDZ (TU3M)]	03.89- 07.89	110077	14 50	03.89- 07.89	110584	12 1.2
		03.89- 12.93	111841	14 50	03.89- 12.93	111070	12 1.7
309 1.6	[180Z (XU5J)]	11.85- 09.88	111076	14 50	11.85- 09.88	110587	12 1.2
		10.85- 07.89	111076	14 50	10.85- 07.89	110587	12 1.2
	[B1A (XU51C)]	10.85- 07.89	112162	14 70			



PEUGEOT Continued

	[B1E (XU51C)]	08.87- 07.89	111076	14	50	08.87- 07.89	110584	12	1.2
		08.87- 07.89	112162	14	70				
	[B2A (XU52C/K)]	07.89- 12.93	111076	14	50	07.89- 12.93	110587	12	1.2
		07.89- 12.93	112162	14	70				
	[B6B (XU5J)]	11.85- 09.88	111076	14	50	11.85- 09.88	110587	12	1.2
		11.85- 09.88	112162	14	70				
	[B6D (XU5JA)]	07.86- 06.89	111076	14	50	07.86- 06.89	110587	12	1.2
	[BDY (XU5M2Z)]	07.89- 12.93	111076	14	50	07.89- 12.93	110587	12	1.2
	[BDY (XU5M3Z)]	07.89- 12.93	111076	14	50	07.89- 12.93	110587	12	1.2
	[BDZ (XU5M)]	07.89- 12.93	111076	14	50	07.89- 12.93	110587	12	1.2
309 1.8 Diesel		07.89- 12.93	112162	14	70				
	[161A (XUD7)]	07.89- 12.93	111076	14	50	07.89- 12.93	110587	12	1.2
		07.89- 12.93	112162	14	70				
	[A9A (XUD7)]	05.87- 10.93	111076	14	50	05.87- 10.93	111130	12	1.1
309 1.8 TD		05.87- 10.93	112162	14	70				
	[A8B (XUD7TE)]	08.89- 12.93	111076	14	50	08.89- 12.93	110587	12	1.2
309 1.9 Diesel		08.89- 12.93	112162	14	70				
	[16Z (XUD9)]	06.86- 07.89	111076	14	50	06.86- 07.89	110587	12	1.2
	[D9A (XUD9)]	06.86- 07.89	111076	14	50	06.86- 07.89	110587	12	1.2
		06.86- 07.89	112162	14	70				
	[DJZ (XUD9Y)]	07.89- 12.93	111076	14	50	07.89- 12.93	110587	12	1.2
	[XUD9]	10.85- 10.93	111076	14	50	10.85- 10.93	111070	12	1.7
309 1.9		10.85- 10.93	112162	14	70				
	[D2B (XU9S)]	10.85- 07.89	111076	14	50	10.85- 07.89	110584	12	1.2
		10.85- 07.89	112162	14	70				
	[D6B (XU9JA)]	10.86- 07.89	111076	14	50	10.86- 07.89	110587	12	1.2
		10.86- 07.89	112162	14	70				
	[DDZ (XU9M)]	07.88- 07.89	111076	14	50	07.88- 07.89	110584	12	1.2
		07.88- 07.89	112162	14	70	10.90- 12.93	110587	12	1.2
	[DFZ (XU9J1)]	03.86- 07.89	111076	14	50	03.86- 07.89	110587	12	1.2
		03.86- 07.89	112162	14	70				
309 1.9 GTi 16V	[DFW (XU9J4Z)]	10.90- 12.93	112162	14	70				
309 1.9 GTi	[D6C (XUD9J4)]	08.89- 07.90	112162	14	70				
	[DKZ (XU9JAZ)]	07.88- 07.89	112162	14	70				
404 1.6	[XC6]					04.63- 12.71	111066	12	1.05
404 1.6 GT	[XC6]					07.71- 12.71	111066	12	1.05
405 1.4	[K5A (TU3)]	01.87- 07.92	110077	14	50	01.87- 07.92	110584	12	1.2
		06.87- 07.92	111841	14	50	06.87- 07.92	111130	12	1.1
	[KDX (TU3MC)]	08.92- 10.95	110619	14	70	08.92- 10.95	110584	12	1.2
405 1.6	[B1E (XU51C)]	07.87- 07.92	111076	14	50	07.87- 07.92	110587	12	1.2
		07.87- 07.92	112162	14	70	07.87- 07.92	111070	12	1.7
						07.87- 12.92	111130	12	1.1
	[BAZ (XU5CP)]	07.87- 06.88	111076	14	50	07.87- 06.88	110587	12	1.2
		07.87- 06.88	112162	14	70	07.87- 06.88	111070	12	1.7
						10.88- 08.92	111130	12	1.1
	[BDY (XU5M2Z)]	07.87- 12.92	111076	14	50	07.87- 12.92	110587	12	1.2
		08.92- 04.97	112772	14	120				
	AC	08.92- 04.97	112299	14	95				
	[BDY (XU5M3Z)]	10.88- 08.92	111076	14	50	10.88- 08.92	110587	12	1.2
		08.92- 04.97	112772	14	120				
	AC	08.92- 04.97	112299	14	95				
	[BDZ (XU5M)]	07.87- 12.92	111076	14	50	07.87- 12.92	110587	12	1.2
		07.87- 12.92	112162	14	70	07.87- 12.92	111130	12	1.1
						10.89- 12.92	110584	12	1.2
	[BFZ (XU5JP)]	08.92- 05.97	112298	14	80				
		08.92- 05.97	112299	14	95				
		09.94- 04.97	112772	14	120				
	[XU52C]	01.87- 12.92	111076	14	50	01.87- 12.92	110587	12	1.2
		01.87- 12.92	112162	14	70	01.87- 12.92	111130	12	1.1
	[XU5J]	10.88- 08.92	111076	14	50	10.88- 08.92	110587	12	1.2
		10.88- 08.92	112162	14	70	10.88- 08.92	111130	12	1.1
		04.88- 07.92	111076	14	50	04.88- 07.92	111130	12	1.1
		04.88- 07.92	112162	14	70	04.88- 07.92	111070	12	1.7
		03.88- 12.92	111076	14	50	03.88- 12.92	110587	12	1.2
		06.88- 07.92	112162	14	70	06.88- 07.92	111130	12	1.1
	[AJZ (XUD7TEY)]	03.88- 12.92	111076	14	50	03.88- 12.92	110587	12	1.2
		10.90- 08.92	112162	14	70	10.90- 08.92	111130	12	1.1
405 1.8	[LFZ (XU7JP)]	08.92-	112298	14	80	08.92-	114460	12	1.4
		08.92-	112299	14	95				
405 1.9 Diesel	[D9B (XUD9A)]	03.88- 12.92	112162	14	70	03.88- 12.92	111130	12	1.1
						10.88- 08.92	111070	12	1.7
	[DJY (XUD9A)]	10.88- 08.92	111076	14	50	10.88- 08.92	111130	12	1.1
		06.94-	112230	14	80	06.94-	111070	12	1.7
		06.94-	112292	14	70	06.94-	114460	12	1.4
		06.94- 10.95	114026	14	80				
	[DJZ (XUD9Y)]	07.88- 09.92	112162	14	70	07.88- 09.92	111130	12	1.1
		08.92- 06.94	112230	14	80	08.92- 06.94	111070	12	1.7
		08.92-	112292	14	70				
						08.92-	114460	12	1.4
		08.92- 10.95	114026	14	80				
	[XUD9]	09.93- 12.95	114026	14	80				
	[DHY (XUD9TE)]	08.92- 04.97	112230	14	80	08.92- 04.97	111070	12	1.7
		08.92-	112292	14	70	08.92-	114460	12	1.4
		08.92- 10.95	114026	14	80				
405 1.9	[D2C (XU92C)]	07.87- 12.92	111076	14	50	07.87- 12.92	110587	12	1.2
		07.87- 12.92	112162	14	70	07.87- 12.92	111130	12	1.1
	[D6A (XU9J2)]	07.87- 12.92	111076	14	50	07.87- 12.92	111130	12	1.1
	[DDZ (XU9M)]	07.88- 12.92	111076	14	50	07.88- 12.92	110587	12	1.2
		07.88- 12.92	112162	14	70	07.88- 12.92	111130	12	1.1
	[DFZ (XU9J1)]	10.88- 08.92	111076	14	50	10.88- 08.92	111130	12	1.1
		10.88- 08.92	112162	14	70	10.88- 08.92	111070	12	1.7
	[DKZ (XU9JAZ)]	07.88- 12.92	111076	14	50	07.88- 12.92	110587	12	1.2
405 1.9 4x4		07.88- 12.92	112162	14	70	07.88- 12.92	111130	12	1.1
						10.88- 08.92	111070	12	1.7
	[DDZ (XU9M)]	07.88- 12.92	111076	14	50	07.88- 12.92	110587	12	1.2
		07.88- 12.92	112162	14	70	07.88- 12.92	111130	12	1.1
405 1.9 Sport MI 16						10.88- 08.92	111070	12	1.7
	[D6C (XU9J4)]	07.87- 11.91	111076	14	50	07.87- 11.91	110587	12	1.2
		07.87- 11.91	112162	14	70	07.87- 11.91	111130	12	1.1



	[DFW (XU9J4Z)]	04.88- 12.92	111076	14 50	04.88- 12.92	110587	12 1.2
		04.88- 12.92	112162	14 70	04.88- 12.92	111130	12 1.1
405 1.9 Sport MI 16 4x4	[DFW (XU9J4Z)]	04.88- 12.92	111076	14 50	04.88- 12.92	110587	12 1.2
		04.88- 12.92	112162	14 70	04.88- 12.92	111130	12 1.1
405 1.9 i	[DFZ (XU9J1)]	07.87- 12.92	111076	14 50	07.87- 12.92	111130	12 1.1
		07.87- 12.92	112162	14 70	07.87- 12.92	111070	12 1.7
405 2.0	[RFX (XU10J2)]	08.92-	112299	14 95			
	AC	08.92- 04.97	112772	14 120			
405 2.0 4x4	[RFX (XU10J2)]	08.92-	112299	14 95			
	AC	08.92- 04.97	112772	14 120			
405 2.0 MI 16	[RFY (XU10J4Z)]	08.92-	112299	14 95			
	AC	08.92- 04.97	112772	14 120			
405 2.0 16V	[RFT (XU10J4)]	06.94- 10.95	112298	14 80			
		06.94-	112299	14 95			
	AC	06.94-	112772	14 120			
405 2.0 Turbo 16 4x4	[RGZ (XU10J4TE/Z)]	08.92-	112299	14 95			
	AC	08.92- 04.97	112772	14 120			
406 1.6	[BFZ (XU5JP)]	AC 11.95-	112298	14 80	11.95-	114460	12 1.4
		AC 11.95-	112299	14 95			
406 1.8	[LFX (XU7JB)]	05.97-	111318	14 80	05.97-	111130	12 1.1
		05.97- 05.04	113604	14 95			
406 1.8 16V	[6FZ (EW7J4)]	10.20-	112480	14 90	10.20-	114126	12 2.3
		10.20-	113575	14 80	10.20-	116634	12 1.1
	[LFY (XU7JP4)]	10.95-	111318	14 80	10.95-	111130	12 1.1
		11.95- 10.00	113604	14 95			
406 1.9 Diesel	[DHW (XUD9SD)]	10.96-	112688	14 95	10.96-	116634	12 1.1
		10.96-	112703	14 120			
		10.96-	113485	14 80			
406 1.9 TD	[DHX (XUD9TE)]	01.96-	112688	14 95	01.96-	116634	12 1.1
		01.96-	112703	14 120	AT 01.96-	115354	12 1.3
	[DHY (XUD9TE)]	01.96-	112688	14 95	01.96-	116634	12 1.1
		01.96-	112703	14 120	01.96-	115354	12 1.3
406 2.0 HDi	[RHY (DW10TD)]	02.99-	112480	14 90	02.99-	111070	12 1.7
		02.99-	112461	14 150	02.99-	113926	12 1.9
	AC	02.99-	112460	14 150	02.99-	114460	12 1.4
					02.99-	111130	12 1.1
	[RHZ (DW10ATED)]	02.99-	112480	14 90	02.99-	111130	12 1.1
		10.98- 03.99	113503	14 120	02.99-	114460	12 1.4
		06.98-	112461	14 150	06.98-	111070	12 1.7
	AC	02.99-	112460	14 150			
406 2.0 HDi FAP	[RHS (DW10ATED)]	08.01-	112461	14 150	08.01-	113926	12 1.9
	[RHS (DW10ATED4)]	08.01-	112461	14 150	08.01-	114460	12 1.4
406 2.0 16V	[RFN (EW10J4)]	08.20-	112460	14 150	08.20-	111070	12 1.7
		08.20-	112480	14 90	08.20-	116634	12 1.1
					10.20-	114460	12 1.4
	[RFR (DEW10J4)]	01.99-	112460	14 150	01.99-	111070	12 1.7
		01.99-	112461	14 150	01.99-	113926	12 1.9
		01.99-	112480	14 90	01.99-	114460	12 1.4
	[RFV (XU10J4R)]	11.95- 05.04	113604	14 95	10.96-	111130	12 1.1
		10.96-	111318	14 80			
406 2.0 HPI 16V	[RLZ (EW10D)]		112480	14 90		116634	12 1.1
406 2.0 Turbo	[RGX (XU10J2TE)]	04.96-	111318	14 80	04.96-	111130	12 1.1
		04.96- 05.04	113604	14 95			
406 2.1 TD 12V	[P8C (XUD11BTE)]	01.96-	112688	14 95	01.96-	116634	12 1.1
		01.96-	112703	14 120	AT 01.96-	115354	12 1.3
		01.96-	113485	14 80			
406 2.2 HDi	[4HX (DW12TED4/FAP)]	03.00-	112460	14 150	03.00-	111070	12 1.7
		03.00-	112461	14 150	03.00-	113926	12 1.9
					03.00-	114460	12 1.4
406 2.2	[3FZ (EW12J4)]		112460	14 150	07.20-	111070	12 1.7
			112480	14 90	07.20-	114126	12 2.3
					07.20-	116634	12 1.1
407 1.6 HDi FAP	[9HY (DV6TED4)]	05.04-	113640	14 150	05.04-	111070	12 1.7
	[9HZ (DV6TED4)]	05.04-	113640	14 150	05.04-	113254	12 1.4
407 1.8	[6FZ (EW7J4)]		112469	14 90		111070	12 1.7
						116634	12 1.1
407 1.8 16V	[6FY (EW7A)]		115371	14 120		113933	12 1.5
			115541	14 150		114854	12 2.5
						114460	12 1.4
						116634	12 1.1
407 2.0 Bioflex	[RFJ (EW10A)]		115541	14 150		114854	12 2.5
						114460	12 1.4
						116634	12 1.1
407 2.0 HDi	[RHH (DW10CTED4)]	06.09-	115364	14 150	06.09-	113926	12 1.9
		06.09-	115475	14 180	06.09-	114030	12 2.2
	[RHR (DW10BTED4)]				10.05-	114460	12 1.4
		11.04- 10.07	113640	14 150	11.04- 10.07	113254	12 1.4
		11.04- 10.07	114859	14 180	11.04- 10.07	113926	12 1.9
					11.04- 10.07	114126	12 2.3
407 2.0 HDi FAP	[RHR (DW10BTED4)]	05.04-	113640	14 150	05.04-	111070	12 1.7
		05.04-	114859	14 180	05.04-	113254	12 1.4
					05.04-	113926	12 1.9
					05.04-	114030	12 2.2
					05.04-	114460	12 1.4
407 2.0	[RFN (EW10J4)]		113755	14 150	03.04- 07.05	115328	12 2.2
		03.04- 07.05	115438	14 120			
407 2.0 16V	[RFJ (EW10A)]		115371	14 120		113933	12 1.5
			115541	14 150		114854	12 2.5
						114460	12 1.4
						116634	12 1.1
407 2.2 HDi FAP	[4HT (DW12BTED4)]	05.06-	114859	14 180	05.06-	113926	12 1.9
407 2.2	[3FZ (EW12J4)]		112469	14 90		111070	12 1.7
			115541	14 150		114854	12 2.5
						115328	12 2.2
						116634	12 1.1
407 2.2 16V	[3FY (EW12J4)]		115371	14 120		113933	12 1.5
			115541	14 150		114854	12 2.5
						115328	12 2.2
						114460	12 1.4
						116634	12 1.1



PEUGEOT Continued

407 2.7 HDi	[UHZ (DT17)]	10.05-	114391	14	180	10.05-	114030	12	2.2
	[UHZ (DT17TED4)]	10.05-	114391	14	180	10.05-	114030	12	2.2
407 3.0 HDi	[DT20C]	06.09-	115582	14	230	AT, 6 Speed	06.09-	114854	12 2.5
407 3.0	[XFV (ES9A)]							115354	12 1.3
407 3.0 V6	[XFV (ES9A)]							115354	12 1.3
504 1.6	[XC7P]					01.80- 06.87	111066	12	1.05
504 1.8	[XM]					07.68- 02.71	111066	12	1.05
	[XM7]					12.77- 06.83	111066	12	1.05
504 1.8 i	[KF5]					07.68- 02.71	111066	12	1.05
	[KF6]					07.68- 02.71	111066	12	1.05
504 2.0	[106 (XN1)]					12.77- 06.86	111066	12	1.05
	[107 (XN2)]					01.71- 08.84	111066	12	1.05
	[XN1]					12.77- 07.86	111066	12	1.05
	[XN2]					12.77- 08.82	111066	12	1.05
504 2.0 Ti	[107 (XN2)]					12.77- 06.83	111066	12	1.05
504 2.7	[140 (ZMJ)]					10.77- 08.84	111066	12	1.05
505 1.8	[105 (XM7)]					01.82- 10.85	111066	12	1.05
	[XM7A]					09.85- 10.86	111066	12	1.05
505 2.0	[106 (XN1)]					11.80- 12.85	111066	12	1.05
	[106E (XN1A)]					09.85- 10.86	111066	12	1.05
	[829 (ZEJ)]					08.79- 10.86	111063	12	1.2
	[XC6]					04.82- 11.87	111066	12	1.05
	[XN1]					09.79- 10.86	111063	12	1.2
						03.82- 10.84	111066	12	1.05
505 2.2	[851 (ZDJ)]					05.81- 10.84	111063	12	1.2
	[851X (ZDJL)]					01.86- 12.93	111063	12	1.2
505 2.2 GTi	[851B (ZDJL)]					08.83- 12.93	111063	12	1.2
508 1.6 HDi	[9HD (DV6CTED)]	02.12-	115364	14	150	02.12-	113926	12	1.9
	[9HL (DV6C)]	03.13-	115364	14	150	03.13-	113926	12	1.9
		03.13-	115475	14	180	03.13-	114030	12	2.2
	[9HR (DV6C)]	11.10-	115364	14	150	11.10-	113926	12	1.9
		11.10-	115475	14	180	11.10-	114030	12	2.2
508 1.6 THP	[5FN]	11.10-	114811	14	120 A49	11.10-	111070	12	1.7
		11.10-	115604	14	150 A49	11.10-	113933	12	1.5
		11.10-	116311	14	120	11.10-	114854	12	2.5
		11.10-	116353	14	150				
	[5FV (EP6DT)]	11.10-	114771	14	150	11.10-	111130	12	1.1
		11.10-	114811	14	120 A49	11.10-	111070	12	1.7
		11.10-	115604	14	150 A49	11.10-	113933	12	1.5
		11.10-	116311	14	120				
		11.10-	116353	14	150	AT	11.10-	114854	12 2.5
508 1.6 VTi	[5FH]	11.10-	114811	14	120 A49	11.10-	111070	12	1.7
		11.10-	115604	14	150 A49	11.10-	113933	12	1.5
		11.10-	116311	14	120	11.10-	114854	12	2.5
		11.10-	116353	14	150				
	[5FS (EP6C)]	11.10-	114771	14	150	11.10-	111130	12	1.1
		11.10-	114811	14	120 A49	11.10-	111070	12	1.7
		11.10-	115604	14	150 A49	11.10-	113926	12	1.9
		11.10-	116311	14	120	11.10-	113933	12	1.5
		11.10-	116353	14	150	11.10-	114854	12	2.5
508 2.0 HDi	[RHF (DW10BTED4)]	03.13-	115475	14	180	11.10-	113960	12	0.9
		11.10-	115364	14	150	11.10-	114460	12	1.4
						03.13-	113926	12	1.9
	[RHH (DW10CTED4)]	03.13-	115364	14	150	03.13-	113926	12	1.9
		03.13-	115475	14	180	03.13-	113960	12	0.9
	[RHH(DW10CTED4)]					11.10-	114460	12	1.4
	[RHR (DW10BTED4)]	11.10-	115364	14	150	11.10-	113926	12	1.9
		11.10-	115475	14	180	11.10-	114030	12	2.2
508 2.0 HDi 150	[AHX (DW10FD)]					04.14-	114460	12	1.4
508 2.0 HDi AWC	[RHC (DW10CTED4)]	11.10-	115364	14	150	11.10-	113926	12	1.9
						11.10-	114460	12	1.4
508 2.2 HDi	[4HL (DW12C)]	11.11-	115475	14	180	11.11-	113960	12	0.9
						11.11-	114854	12	2.5
604 2.7	[112 (ZM)]	08.77- 05.83	111071	14	75				
	[140 (ZMJ)]	08.77- 05.83	111071	14	75				
604 2.8 GTi	[154A (ZMJ)]	09.83- 07.87	111071	14	75				
605 2.0 16V	[RFV (XU10J4R)]	07.94- 06.95	112772	14	120	07.94- 06.95	111070	12	1.7
		07.94- 09.99	113604	14	95	07.95-	111130	12	1.1
		07.95-	111318	14	80				
605 2.0 Turbo	[RGX (XU10J2TE)]	07.91- 09.99	113604	14	95	07.91- 09.99	111070	12	1.7
		07.95- 05.99	111318	14	80	07.95- 05.99	111130	12	1.1
605 2.1 Diesel	[P9A (XUD11A)]					06.89- 07.95	114460	12	1.4
605 2.1 TD 12V	[P8C (XUD11BTE)]	07.95-	112688	14	95	08.94- 09.99	114460	12	1.4
		07.95-	112703	14	120	07.95-	111130	12	1.1
605 2.1 TD	[PHZ (XUD11ATE)]	06.95- 10.96	112688	14	95	06.95- 10.96	111130	12	1.1
		06.95- 10.96	112703	14	120				
605 2.5 TD	[THY (DK5ATE)]					07.94-	112053	12	2.2
607 2.0 HDi	[RHR (DW10BTED4)]	09.05-	114859	14	180	09.05-	116634	12	1.1
	[RHS (DW10ATED)]	03.01- 07.04	113640	14	150	03.01- 07.04	114460	12	1.4
	[RHZ (DW10ATED)]	05.00-	112460	14	150	05.00-	111070	12	1.7
		05.00-	112461	14	150				
607 2.0	[RFN (EW10J4)]	02.20-	112469	14	90	02.20-	113926	12	1.9
		02.20-	113575	14	80	02.20-	114460	12	1.4
607 2.2 HDi	[4HX (DW12TED4/FAP)]	02.20-	112460	14	150	02.20-	111070	12	1.7
		02.20-	112461	14	150	02.20-	114126	12	2.3
		02.20-	113640	14	150				
607 2.2 HDi FAP	[4HT (DW12BTED4)]	05.06-	114859	14	180	05.06-	116634	12	1.1
607 2.2 16V	[3FY (EW12J4)]		113755	14	150		114126	12	2.3
	[3FZ (EW12J4)]	02.20-	112480	14	90	02.20-	115328	12	2.2
		02.20-	113503	14	120	02.20-	114854	12	2.5
607 2.7 HDi 24V	[DT17TED4]	12.04-	114391	14	180	12.04-	116634	12	1.1
607 3.0 V6 24V	[XFV (ES9A)]						115354	12	1.3
	[XFX (ES9J4S)]					02.20-	115354	12	1.3
806 1.8	[LFW (XU7JP)]	07.95-	112298	14	80	07.95-	114460	12	1.4
		07.95-	112299	14	95				
		07.95- 08.02	112772	14	120				
806 1.9 Diesel	[DHX (XUD9TE)]	07.95- 08.02	111893	14	70	07.95- 08.02	111070	12	1.7
		07.95- 08.02	112688	14	95				
		07.95- 08.02	112703	14	120				
		07.95- 08.02	113485	14	80				



806 1.9 TD	[DHX (XUD9TE)]	08.94-	111893	14 70	08.94-	111070	12 1.7			
		08.94-	112688	14 95						
		08.94-	112703	14 120						
		08.94-	113485	14 80						
	[DHY (XUD9TE)]	03.94-	111893	14 70	03.94-	111130	12 1.1			
03.94-	112688	14 95								
03.94-	112703	14 120								
03.94-	113485	14 80								
806 2.0 HDi 16V	[RHW (DW10ATED4)]	08.99- 08.02	112460	14 150	08.99- 08.02	111070	12 1.7			
		08.99- 08.02	112461	14 150						
		08.99- 08.02	112480	14 90				08.99- 08.02	116634	12 1.1
		08.99- 08.02	113503	14 120						
806 2.0 HDi	[RHZ (DW10ATED)]	06.99- 02.03	112460	14 150	06.99- 02.03	111070	12 1.7			
		06.99- 02.03	112461	14 150				08.99-	114460	12 1.4
		06.99- 02.03	112480	14 90						
		06.99- 02.03	113603	14 80						
		08.99- 08.02	113503	14 120						
806 2.0	[RFU (XU10J2)]	06.94-	112298	14 80	06.94-	114460	12 1.4			
		06.94-	112299	14 95						
		06.94-	112772	14 120						
806 2.0 16V	[RFN (EW10J4)]	09.00-	112480	14 90	09.00-	116634	12 1.1			
		09.00-	113503	14 120						
	[RFV (XU10J4R)]	05.98-	111318	14 80				05.98-	111130	12 1.1
05.98- 09.00	113604	14 95								
806 2.0 Turbo	[RGX (XU10J2TE)]	06.94- 03.97	112298	14 80	04.97- 06.94- 03.97	111130	12 1.1			
		06.94- 03.97	112299	14 95				06.94- 03.97	114460	12 1.4
		06.94- 08.02	113604	14 95						
		04.97- Eng. 7390- Eng. -7389	111318	14 80						
		06.94- 03.97	112772	14 120						
806 2.0	[RFN (EW10J4)]	05.00- 02.03	112480	14 90						
		05.00- 02.03	113603	14 80						
	[RFV (XU10J4R)]	05.98- 09.00	111318	14 80				05.98- 09.00	111130	12 1.1
	[RGX (XU10J2TE)]	02.97- 05.00	111318	14 80				02.97- 05.00	111130	12 1.1
		02.97- 05.00	112298	14 80						
	02.97- 05.00	112299	14 95							
	02.97- 05.00	112772	14 120							
	806 2.1 Diesel	[P8C (XUD11BTE)]	02.97- 05.00	111893				14 70	02.97- 05.00	111070
02.97- 05.00			112688	14 95						
02.97- 05.00			112703	14 120						
02.97- 05.00			113485	14 80						
806 2.1 TD	[P8C (XUD11BTE)]	06.96-	111893	14 70	06.96-	111130	12 1.1			
		06.96-	112688	14 95						
		06.96-	112703	14 120						
		06.96-	113485	14 80						
807 2.0 HDi	[DW10UTED4]				11.06-	114460	12 1.4			
	[RHH (DW10CTED4)]	05.10-	115475	14 180	05.10- 05.10- 06.09-	114854 114460 113926	12 2.5 12 1.4 12 1.9			
		06.09-	115364	14 150						
								06.02- 06.02-	114126 114460	12 2.3 12 1.4
	[RHK (DW10UTED4)]				06.02- 06.02-	114126 114460	12 2.3 12 1.4			
	[RHM (DW10ATED4)]	06.02- 05.06	112461	14 150	06.02- 05.06 06.02- 05.06 06.02- 06.02- 05.06	111070 113926 114126 114460	12 1.7 12 1.9 12 2.3 12 1.4			
		06.02- 05.06	113640	14 150						
								06.02- 06.02-	113926 114126	12 1.9 12 2.3
								06.02- 05.06 06.02-	114460 114460	12 1.4 12 1.4
	[RHR (DW10BTED4)]	06.06-	113640	14 150	06.06-	113926	12 1.9			
	[RHT (DW10ATED4)]				06.02- 06.02-	114126 114460	12 2.3 12 1.4			
	[RHT (DW10ATED4),RHW (DW10ATED4)]	04.04- 05.06	112461	14 150	04.04- 05.06 04.04- 05.06 04.04- 05.06	111070 113926 114460	12 1.7 12 1.9 12 1.4			
		04.04- 05.06	113640	14 150						
				06.02- 06.02-				114126 114460	12 2.3 12 1.4	
807 2.0	[RFN (EW10J4)]		112469	14 90		113926	12 1.9			
						116634	12 1.1			
807 2.0 16V	[RFJ (EW10A)]		115371	14 120		116634	12 1.1			
			115541	14 150		114460	12 1.4			
807 2.2 HDi	[4HW (DW12BTED4)]	04.04- 05.06	112461	14 150	04.04- 05.06 04.04- 05.06 04.04- 05.06 04.04- 05.06	111070 113926 114126 114460	12 1.7 12 1.9 12 2.3 12 1.4			
		04.04- 05.06	113640	14 150						
807 2.2 HDi FAP	[4HX (DW12TED4/FAP)]	06.02-	112461	14 150	06.02- 06.02-	111070 114126	12 1.7 12 2.3			
807 2.2	[3FZ (EW12J4)]	06.02-	112469	14 90	06.02- 06.02-	111070 116634	12 1.7 12 1.1			
1007 1.4 HDi	[8HX (DV4TD)]				04.05-	113933	12 1.5			
		[8HZ (DV4TD)]	04.05-	113755	14 150	04.05- 04.05-	113254 113933	12 1.4 12 1.5		
1007 1.4	[KFV (TU3JP)]		04.05-	113405	14 70	04.05- 04.05-	110584 113254	12 1.2 12 1.4		
		04.05-	114707	14 80						
1007 1.4 16V	[KFU (ET3J4)]	10.05-	113246	14 90	10.05-	110584	12 1.2			
1007 1.6 HDi	[9HZ (DV6TED4)]	06.07-	113640	14 150	06.07- 06.07-	111994 114030	12 0.7 12 2.2			
1007 1.6	[NFU (TU5JP4)]	04.05-	113405	14 70	04.05-	110584	12 1.2			
2008 1.2 PureTech 82	[HMR (EB2FA)]	01.18- 12.19	116541	14 120						
2008 1.2 THP 110	[HNZ (EB2DT)]	01.15-	115546	14 80 A49	01.15- 01.15-	113960 116281	12 0.9 12 1.8			
		01.15-	116357	14 80						
2008 1.2 THP 130	[HNZ (EB2DTS)]	01.15-	115546	14 80	01.15- 01.15-	113933 116282	12 1.5 12 1.7			
		01.15-	116237	12 125						
		01.15-	116357	14 80						
		01.15-								
2008 1.2 VTi	[HMZ (EB2F)]	03.13-	115546	14 80 A49	03.13- 03.13-	113960 116281	12 0.9 12 1.8			
		03.13-	116357	14 80						
2008 1.2 PureTech 130	[HNY (EB2DTS),HNS (EB2ADTS)]	01.18-	116237	12 125	01.18- 01.18-	116092 116282	12 1.0 12 1.7			
		01.18-	116357	14 80						
		01.18-	116541	14 120						
2008 1.4 HDi	[8HR (DV4C)]	06.13-	115364	14 150	06.13-	114030	12 2.2			
2008 1.5 BlueHdi 100	[YHY (DV5RD)]	05.18-	116541	14 120						
2008 1.5 HDi 100	[YHY (DV5RD)]	05.18-	116541	14 120						
2008 1.6 BlueHdi 100	[BHY (DV6FD)]	01.15-	115364	14 150	01.15-	114030	12 2.2			
2008 1.6 BlueHdi 120	[BHZ (DV6FC)]	07.14-	115364	14 150	07.14-	114030	12 2.2			
2008 1.6 BlueHdi 75	[BHW (DV6FE)]	01.15-	115364	14 150	01.15-	114030	12 2.2			



PEUGEOT Continued

2008 1.6 VTi	[5FS (EP6C)]	03.13- 03.13- 03.13-	114752 114811 116311	14 80 14 120 A49 14 120	03.13- 03.13-	113254 116281	12 1.4 12 1.8
3008 1.2	[HNY (EB2DTS)]	01.15- 05.16- 05.16-	116152 116237 116541	14 150 12 125 14 120	05.16- 05.16- AT 01.15-	114460 116282 114854	12 1.4 12 1.7 12 2.5
3008 1.2 PureTech 130	[HNY (EB2DTS)]	05.16- 05.16-	116152 116237	14 150 12 125	05.16- 05.16-	114460 114854	12 1.4 12 2.5
3008 1.6 HDi	[9HD (DV6CTED)] [9HR (DV6C)]	03.13- 08.10-	115364 115364	14 150 14 150	03.13- 08.10-	113926 113926	12 1.9 12 1.9
3008 1.6 HDi 110	[9HZ (DV6TED4)]	06.09- 08.16	113640	14 150	06.09- 08.16	111070	12 1.7
3008 1.6 HDi BlueHDi 115	[BHX (DV6FC)]	02.13- 11.16-	116242 115364	12 180 14 150	AT 02.13- 02.13- 11.16-	114854 116282 113933	12 2.5 12 1.7 12 1.5
3008 1.6 HDi BlueHDi 120	[BHZ (DV6FC)]	05.16- 05.16-	115364 116242	14 150 12 180	05.16- 05.16-	113926 114854	12 1.9 12 2.5
3008 1.6 THP	[5FV (EP6DT)]	06.09- 06.09- 06.09- 06.09- 06.09-	114771 114811 115604 116311 116353	14 150 14 120 A49 14 150 A49 14 120 14 150	06.09- 06.09- 06.09- 06.09- 06.09-	114030 113960 113933 116281	12 2.2 12 0.9 12 1.5 12 1.8
3008 1.6 i THP 150	[5FX (EP6DT)]	06.09- 06.09- 06.09- 06.09- 06.09-	114771 114811 115604 116311 116353	14 150 14 120 A49 14 150 A49 14 120 14 150	06.09- 06.09- 06.09- 06.09- A25 06.09-	114030 113960 113933 114460 116281	12 2.2 12 0.9 12 1.5 12 1.4 12 1.8
3008 1.6 VTi	[5FS (EP6C)]	06.09- 06.09- 06.09- 06.09- 06.09-	114771 114811 115604 116311 116353	14 150 14 120 A49 14 150 A49 14 120 14 150	06.09- 06.09- 06.09- 06.09- 06.09-	111070 114030 113933 114460 116281	12 1.7 12 2.2 12 1.5 12 1.4 12 1.8
	[EP6]	06.09- 06.09- 06.09- 06.09- 06.09-	114771 114811 115604 116311 116353	14 150 14 120 A49 14 150 A49 14 120 14 150	06.09- 06.09- 06.09- 06.09- 06.09-	114030 113960 114854 116281 116282	12 2.2 12 0.9 12 2.5 12 1.8 12 1.7
3008 2.0 HDi	[RHD (DW10CB)] [RHE (DW10CTED4)] [RHH (DW10CTED4)]	09.11- 06.09- 06.09- 06.09- 08.16	115364 115364 115475 115364	14 150 14 150 14 180 14 150	09.11- 06.09- 06.09- 06.09- 08.16	113926 113926 113960 113933	12 1.9 12 1.9 12 0.9 12 1.5
		14 150 06.09- 08.16	115364 115475	14 150 14 180	06.09- 06.09- 08.16	113926 113960	12 1.9 12 0.9
3008 2.0 HDi 150	[RHE (DW10CTED4)]	06.09- 08.16 06.09- 08.16	115364 115475	14 150 14 180	06.09- 08.16 06.09- 08.16	113933 113926	12 1.5 12 1.9
4007 2.2 HDi	[4HK (DW12MTED4)] [4HN (DW12MTED4)]	02.07- 02.07-	115369 115369	14 150 14 150	02.07- 02.07- 02.07-	114854 114460 114854	12 2.5 12 1.4 12 2.5
4007 2.2 HDi 155	[4HN (DW12MTED4), 4HK (DW12ME5)]	02.07- 03.13	115369	14 150	02.07- 03.13 02.07- 03.13	114854 114460	12 2.5 12 1.4
4008 1.6 HDi	[9HD (DV6C)]	05.12-	115364	14 150			
4008 1.6 HDi AWC	[9HD (DV6C)]	05.12-	115364	14 150			
4008 1.8 HDi	[6HZ (4N13)]	05.12-	116030	14 130			
4008 1.8 HDi AWC	[6HZ (4N13)]	05.12-	116030	14 130			
5008 1.2	[HNY (EB2DTS)]	01.15- 12.16- 12.16-	116152 116237 116541	14 150 12 125 14 120	01.15- A25 01.15- 12.16-	113933 116281 114854	12 1.5 12 1.8 12 2.5
5008 1.6 BlueHDi BlueHDi 115	[BHZ (DV6FC)]	11.14- 03.17	116242	12 180	11.14- 03.17 11.14- 03.17	113933 116282	12 1.5 12 1.7
5008 1.6 e-HDi	[9HD (DV6C)]	03.13- 03.17 03.13- 03.17	115364 115475	14 150 14 180	03.13- 03.17 03.13- 03.17	113926 114030	12 1.9 12 2.2
5008 1.6 HDi	[9HD (DV6CTED)] [9HR (DV6C)]	03.13- 08.10- 03.17	115364 115364	14 150 14 150	03.13- 08.10- 03.17	113960 113926	12 0.9 12 1.9
		14 150 08.10- 03.17	115364 115475	14 150 14 180	08.10- 03.17 08.10- 03.17	113960 114030	12 0.9 12 2.2
5008 1.6 HDi BlueHDi 115	[BHX (DV6FC)]	12.16- 12.16-	115364 116242	14 150 12 180	12.16- 12.16-	113926 113933	12 1.9 12 1.5
5008 1.6 HDi BlueHDi 120	[BHZ (DV6FC)]	12.16- 12.16-	115364 116242	14 150 12 180	12.16- 12.16-	113926 113933	12 1.9 12 1.5
5008 1.6	[5GX (EP6FDTMD)] [5GZ (EP6FDT)]	02.12- 02.12- 02.12- 02.12-	114811 115604 116311 116353	14 120 A49 14 150 A49 14 120 14 150	A25 07.18- 02.12- 02.12- 02.12-	116281 111070 113926 113933	12 1.8 12 1.7 12 1.9 12 1.5
					02.12- AT 07.18-	114854 114854	12 2.5 12 2.5
5008 1.6 PureTech 180	[5GF (EP6FADTXD)]				12.16-	116281	12 1.8
5008 1.6 THP 165	[5GZ (EP6FDT)]						
5008 1.6 16V	[EP6]	09.09- 09.09- 09.09- 09.09- 09.09-	114771 114811 115604 116311 116353	14 150 14 120 A49 14 150 A49 14 120 14 150	09.09- 09.09- 09.09- 09.09- 09.09-	111070 113926 113933 114854	12 1.7 12 1.9 12 1.5 12 2.5
5008 1.6 THP 150	[5FX (EP6DT)]	02.12- 02.12- 02.12- 02.12-	114811 115604 116311 116353	14 120 A49 14 150 A49 14 120 14 150	02.12- 02.12- 02.12- 02.12-	111070 113926 113933 114854	12 1.7 12 1.9 12 1.5 12 2.5
5008 1.6 THP 165	[5GZ (EP6FDT)]				02.12- AT 01.18-	116281 114854	12 1.8 12 2.5
5008 2.0 BlueHDi 180	[EHZ (DW10FC)]						
5008 2.0 HDi	[AHV (DW10FD)] [RHD (DW10CTED4)] [RHE (DW10CTED4)] [RHH (DW10CTED4)]	02.12- 02.12- 06.09- 06.09- 09.09- 09.09-	115364 115364 115364 115475 115364 115475	14 150 14 150 14 150 14 180 14 150 14 180	02.12- 02.12- 06.09- 06.09- 09.09- 09.09-	113960 113926 113960 114030 113960 114030	12 0.9 12 1.9 12 0.9 12 2.2 12 0.9 12 2.2
5008 2.0 HDi 136	[RHE (DW10CTED4)]	02.12- 03.17	115364	14 150	02.12- 03.17	113926	12 1.9
5008 2.0 HDi 150	[RHE (DW10CTED4)]	06.09- 03.17 06.09- 03.17	115364 115475	14 150 14 180	06.09- 03.17 06.09- 03.17	113926 114030	12 1.9 12 2.2
					06.09- 03.17	114460	12 1.4



5008 2.0 HDi 165	[RHH (DW10CTED4)]	06.09- 03.17	115364	14 150	06.09- 03.17	113926	12 1.9
		06.09- 03.17	115475	14 180	06.09- 03.17	114030	12 2.2
					06.09- 03.17	114460	12 1.4
					06.09- 03.17	114854	12 2.5
5008 2.0 HDi 180	[EHZ (DW10FC)]				AT 01.18-	114854	12 2.5
					01.18-	114460	12 1.4
206+ 1.1 LPG	[HFX (TU1A)]	04.09- 06.13	112469	14 90	04.09- 06.13	110584	12 1.2
		04.09- 06.13	113405	14 70	04.09- 06.13	111994	12 0.7
		04.09- 06.13	113575	14 80			
	[HFX (TU1JP)]	04.09- 06.13	112469	14 90	04.09- 06.13	110584	12 1.2
		04.09- 06.13	113405	14 70	04.09- 06.13	111994	12 0.7
		04.09- 06.13	113575	14 80			
206+ 1.1	[HFX (TU1A)]	01.09-	113405	14 70	01.09-	111994	12 0.7
		01.09-	113405	14 70	01.09-	111994	12 0.7
206+ 1.4	[KFT (TU3A)]	09.10-	113405	14 70	09.10-	110584	12 1.2
		01.09-	112469	14 90	01.09-	110584	12 1.2
	[KFT (TU3A)]	01.09-	113575	14 80	01.09-	111994	12 0.7
		01.09-	112469	14 90	01.09-	110584	12 1.2
	[KFW (TU3A)]	01.09-	113575	14 80	01.09-	111994	12 0.7
		01.09-	113575	14 80	01.09-	111994	12 0.7
207 CC 1.6 16V Turbo	[EP6CDT]				10.09-	113960	12 0.9
207 SW 1.4 LPG	[KFT (TU3A)]	08.07- 12.12	114707	14 80	08.07- 12.12	110584	12 1.2
		08.07- 12.12	115474	14 80	08.07- 12.12	114030	12 2.2
	[KFW (TU3JP)]	08.07- 12.12	114707	14 80	08.07- 12.12	110584	12 1.2
		08.07- 12.12	115474	14 80	08.07- 12.12	111994	12 0.7
207 SW 1.4 16V	[8FR (EP3)]	11.09-	114752	14 80	11.09-	111994	12 0.7
					11.09-	113960	12 0.9
207 SW 1.6 HDi	[9HP (DV6DTED)]	11.09-	115364	14 150	11.09-	113960	12 0.9
					11.09-	113933	12 1.5
	[9HR (DV6C)]	08.09-	115364	14 150	08.09-	114030	12 2.2
					08.09-	113933	12 1.5
207 Van 1.4	[KFW (TU3A)]	06.07- 10.08	115474	14 80	06.07- 10.08	110584	12 1.2
		06.07- 10.08	116476	14 80	06.07- 10.08	111994	12 0.7
207/207+ 1.4 Bifuel	[KFW (TU3A)]	08.07- 12.13	114707	14 80	08.07- 12.13	110584	12 1.2
		08.07- 12.13	115474	14 80			
270 CC 1.6 HDi	[9HR (DV6C)]	08.09-	113640	14 150	08.09-	114030	12 2.2
		08.09-	115369	14 150	08.09-	113933	12 1.5
3008 SUV 1.6 PureTech 180	[5GF (EP6FADTXD)]				AT 07.18-	114854	12 2.5
					07.18-	113926	12 1.9
3008 SUV 2.0 BlueHdi 180	[EHZ (DW10FC)]	01.18-	116541	14 120	01.18-	111070	12 1.7
307 SW 1.4 HDi	[8HZ (DV4TD)]	04.02- 06.05	113755	14 150	AT 04.02- 06.05	114854	12 2.5
307 SW 2.0 HDi	[RHR (DW10BTED4)]	04.04- 11.07	113640	14 150	04.04- 11.07	113254	12 1.4
	[RHY (DW10TD)]	04.03- 04.08	112480	14 90	04.03- 04.08	111070	12 1.7
		04.03- 04.08	113503	14 120	04.03- 04.08	113276	12 1.1
		04.03- 04.08	113640	14 150	04.03- 04.08	113926	12 1.9
					04.03- 04.08	114460	12 1.4
308 CC 1.6 HDi	[9HZ (DV6TED4)]	03.13-	115364	14 150	03.13-	113960	12 0.9
					03.13-	113933	12 1.5
308 CC 1.6 THP	[EP6CDTX]	10.10-	114811	14 120 A49	10.10-	114030	12 2.2
		10.10-	115604	14 150 A49	10.10-	113960	12 0.9
		10.10-	116311	14 120			
		10.10-	116353	14 150			
308 CC 2.0 HDi	[RHH(DW10CTED4)]	06.09-	115364	14 150	06.09-	114030	12 2.2
		06.09-	115475	14 180	06.09-	113926	12 1.9
	[RHR (DW10BTED4)]				06.09-	114854	12 2.5
					04.09-	114854	12 2.5
308 SW 1.2 THP 110	[HNZ (EB2DT)]	03.14-	116152	14 150	03.14-	114460	12 1.4
308 SW 1.2 THP 130	[HNY (EB2DTS)]	03.14-	116152	14 150	03.14-	116281	12 1.8
308 SW 1.4 16V	[8FS (EP3)]	12.09-	114771	14 150	12.09-	113254	12 1.4
		12.09-	114811	14 120 A49	12.09-	114030	12 2.2
		12.09-	115604	14 150 A49	12.09-	114854	12 2.5
		12.09-	116311	14 120	12.09-	116281	12 1.8
		12.09-	116353	14 150			
308 SW 1.5 BlueHdi 100	[YHY (DV5RD)]	04.18-	116541	14 120			
308 SW 1.5 BlueHdi 130	[YHZ (DV5RC)]	06.17-	116541	14 120			
308 SW 1.6 Bioflex	[NFU (TU5JP4)]	03.09-	115438	14 120	03.09-	113933	12 1.5
308 SW 1.6 BlueHdi	[BHY (DV6FD)]	04.14-	115364	14 150	04.14-	113933	12 1.5
		04.14-	116242	12 180	04.14-	114854	12 2.5
308 SW 1.6 HDi	[9HP (DV6DTED)]	03.14-	115364	14 150	03.14-	113926	12 1.9
		03.14-	115475	14 180	03.14-	113960	12 0.9
	[9HR (DV6C)]	12.09-	115364	14 150	12.09-	113926	12 1.9
		12.09-	115475	14 180	12.09-	113960	12 0.9
	[9HX (DV6ATED4)]	01.08- 12.11	113640	14 150	01.08- 12.11	111070	12 1.7
	[9HZ (DV6TED4)]	01.08- 12.12	113640	14 150	01.08- 12.12	113254	12 1.4
	[BHZ (DV6FC)]	03.14-	116242	12 180	03.14-	114854	12 2.5
308 SW 1.6 THP 155	[5FV (EP6DT)]	03.14-	114811	14 120 A49	03.14-	114030	12 2.2
		03.14-	116311	14 120	03.14-	116282	12 1.7
308 SW 1.6 16V	[5FV (EP6CDT)]	10.09-	114771	14 150	10.09-	113254	12 1.4
		10.09-	114811	14 120 A49	10.09-	114030	12 2.2
		10.09-	115604	14 150 A49	10.09-	114854	12 2.5
		10.09-	116311	14 120	10.09-	116281	12 1.8
		10.09-	116353	14 150			
308 SW 1.6 THP 125		03.14-	114811	14 120 A49	03.14-	114030	12 2.2
		03.14-	115604	14 150 A49	03.14-	114854	12 2.5
		03.14-	116311	14 120			
		03.14-	116353	14 150			
308 SW 1.6 VTi	[NFP(EC5)]	03.14-	113640	14 150	03.14-	111070	12 1.7
		03.14-	115369	14 150	03.14-	113933	12 1.5
		03.14-	115438	14 120	03.14-	114854	12 2.5
		03.14-	116152	14 150	03.14-	116281	12 1.8
308 SW 2.0 Bioflex	[RFJ (EW10A)]		115541	14 150		114854	12 2.5
308 SW 2.0 HDi	[RHE (DW10CTED4)]	04.11-	115364	14 150	04.11-	113926	12 1.9
	[RHH(DW10CTED4)]	06.09-	113640	14 150	06.09-	110584	12 1.2
		06.09-	115364	14 150	06.09-	113960	12 0.9
		06.09-	115475	14 180	06.09-	114030	12 2.2
	[RHR (DW10BTED4)]	01.08- 12.11	113640	14 150	01.08- 12.11	113254	12 1.4
		01.08- 12.11	114859	14 180	01.08- 12.11	113960	12 0.9
		01.08- 12.11	115364	14 150	01.08- 12.11	113933	12 1.5
		01.08- 12.11	115475	14 180			
380 SW 1.6 HDi	[9HP (DV6DTED)]				11.09-	113254	12 1.4
					11.09-	113933	12 1.5



PEUGEOT Continued

405 ? 1.9 (15BDFV)	[DFV (XU9J2)]	07.88- 12.92	111076	14	50	07.88- 12.92	111130	12	1.1	
		07.88- 12.92	112162	14	70	07.88- 12.92	111070	12	1.7	
407 SW 1.6 HDi	[9HZ (DV6TED4)]	08.04- 12.10	113640	14	150	08.04- 12.10	111070	12	1.7	
						08.04- 12.10	113933	12	1.5	
407 SW 2.0 Bioflex	[RFJ (EW10A)]		115541	14	150		113926	12	1.9	
							116634	12	1.1	
407 SW 2.0 HDi	[RHH (DW10CTED4)]					07.09-	114854	12	2.5	
	[RHL (DW10BTED4)]	11.04- 11.04-	113640 114859	14 14	150 180	11.04- 11.04-	113254 114854	12 12	1.7 1.4	
						11.04-	114854	12	2.5	
	[RHR (DW10BTED4)]	06.09- 12.10 06.09- 12.10	113640 114859	14 14	150 180	06.09- 12.10 06.09- 12.10	113254 114126	12 12	1.4 2.3	
						AT, 6 Speed	06.09- 12.10	114854	12 2.5	
407 SW 2.0	[RFJ (EW10A)]	10.05- 02.11 10.05- 02.11	115371 115541	14 14	120 150	10.05- 02.11 10.05- 02.11	114030 113926	12 12	2.2 1.9	
						10.05- 02.11	114460	12	1.4	
						10.05- 02.11	116634	12	1.1	
407 SW 2.2 HDi	[4HP(DW12BTED4)]					06.08-	114854	12	2.5	
508 SW 1.6 HDi	[9HD (DV6CTED)]	02.12-	115364	14	150	02.12-	113926	12	1.9	
	[9HR (DV6C)]	11.10- 11.10-	115364 115475	14 14	150 180	11.10- 11.10-	113926 113960	12 12	1.9 0.9	
508 SW 1.6		02.12-	114771	14	150	02.12-	111070	12	1.7	
508 SW 1.6 THP	[5FV (EP6DT)]	11.10- 11.10- 11.10- 11.10- 11.10-	114771 114811 115604 116311 116353	14 14 14 14 14	150 120 A49 150 A49 120 150	11.10- 11.10- 11.10- 11.10- 11.10-	111070 114030 113926 113933 114854	12 12 12 12 12	1.7 2.2 1.9 1.5 2.5	
						AT	11.10-	114854	12 2.5	
	[5FX (EP6DT)]	11.10- 11.10- 11.10- 11.10-	114811 115604 116311 116353	14 14 14 14	120 A49 150 A49 120 150	11.10- 11.10- 11.10- 11.10-	113960 113933 114854 114460	12 12 12 12	0.9 1.5 2.5 1.4	
508 SW 1.6 VTi	[5FH]	11.10- 11.10- 11.10- 11.10-	114811 115604 116311 116353	14 14 14 14	120 A49 150 A49 120 150	11.10- 11.10- 11.10- 11.10-	114030 113926 114854	12 12 12 12	2.2 1.9 2.5	
	[5FS (EP6C)]	11.10- 11.10- 11.10- 11.10- 11.10-	114771 114811 115604 116311 116353	14 14 14 14 14	150 120 A49 150 A49 120 150	11.10- 11.10- 11.10- 11.10- 11.10-	111130 111070 113926 113933 114854	12 12 12 12 12	1.1 1.7 1.9 1.5 2.5	
508 SW 2.0 HDi	[RHF (DW10BTED4)]	11.10-	115364	14	150	11.10-	113960	12	0.9	
	[RHH(DW10CTED4)]	11.10-	115364	14	150	11.10-	113960	12	0.9	
						11.10-	114460	12	1.4	
	[RHR (DW10BTED4)]	11.10- 11.10-	115364 115475	14 14	150 180	11.10- 11.10-	113926 113960	12 12	1.9 0.9	
508 SW 2.0 HDi 150	[AHX (DW10FD)]					04.14-	114460	12	1.4	
508 SW 2.0 HDi 180 RXH						10.14- 12.18	114460	12	1.4	
508 SW 2.0 Hybrid	[RHC (DW10CTED4)]					11.10-	114460	12	1.4	
Bipper 1.2 BlueHdi 80	[FHY (F13DTE6)]	12.15-	115668	14	90	A25	12.15-	115400	12 1.4	
Bipper 1.3 HDi 75	[199A9.000]	10.10-	115384	14	120	10.10- 10.10-	113933 115400	12 12	1.5 1.4	
Bipper 1.4 HDi	[8HS (DV4TD)]	02.08-	114848	14	90	02.08- 04.08-	113254 113933	12 12	1.4 1.5	
Bipper 1.4 Tepee	[KFV (TU3A)]	04.08- 04.08-	112469 113575	14 14	90 80	04.08- 04.08-	110584 113254	12 12	1.2 1.4	
Boxer 1.9 Diesel	[D8C (XUD9AU)]	03.94-	112230	14	80	03.94- 03.97-	111070 111130	12 12	1.7 1.1	
	[DJY (XUD9A)]	07.98- 02.02	112230	14	80	07.98- 02.02	111070	12	1.7	
Boxer 1.9 TD	[D8C (XUD9UTF)]	03.94- 04.02	112230	14	80	03.94- 04.02 02.96- 04.02	111130 111070	12 12	1.1 1.7	
	[DHX (XUD9TE)]	02.94- 02.02	112230	14	80	02.94- 02.02	111070	12	1.7	
	[DHY (XUD9TE)]	08.94-	112230	14	80	08.94- 12.98- 04.02	111130 111070	12 12	1.1 1.7	
Boxer 1.9 TD 4x4	[D8C (XUD9UTF)]	07.96-	112230	14	80	07.96-	111130	12	1.1	
Boxer 2.0 HDi	[RHV (DW10TD)]	08.01- 04.02 04.02- 08.01- 04.02 04.02- 04.02-	112480 113946 112461 112460 113640	14 14 14 14 14	90 90 150 150 150	Chas. 17600144- 04.02- 04.02- 08.01- 04.02 04.02-	113935 115501 111070 112053 113451	12 12 12 12 12	2.5 2.5 1.7 2.2 2.2	
	[RHV (DW10UTD)]	04.02- 04.02- 04.02- 04.02- 04.02-	112480 113946 112460 112461 113640	14 14 14 14 14	90 90 150 150 150	04.02- 04.02- 04.02- 04.02- 04.02-	115501 111070 112053 113935	12 12 12 12 12	2.5 1.7 2.2 2.5	
		AC	04.02-	113640	14 150					
Boxer 2.0	[RFL (XU10J2U)]	04.02-	112298	14	80	04.02- 04.02-	112026 112436	12 12	2.6 2.3	
Boxer 2.0 i	[RFW (XU10J2U)]	03.94- 03.94- 03.94-	112298 112299 112772	14 14 14	80 95 120	03.94- 03.94- 03.94- 06.94- 06.94-	111070 112026 113451 112436 112053	12 12 12 12 12	1.7 2.6 2.2 2.3 2.2	
						Chas. -17600143	113959	12	2.0	
Boxer 2.0 i 4x4	[RFW (XU10J2U)]	08.96- 08.96- 08.96-	112298 112772 112299	14 14 14	80 120 95	Chas. -17600143	08.96- 08.96- 08.96-	112436 114054 112026	12 12 12	2.3 2.5 2.6
Boxer 2.2 HDi	[4HG]	03.11- 03.11-	115461 116061	14 14	150 150 A49					
	[4HG (P22DTE)]	03.11- 03.11-	115461 116061	14 14	150 150 A49					
	[4HH (P22DTE)]	03.11- 03.11- 03.11-	115461 115739 116061	14 14 14	150 180 150 A49					
	[4HJ (P22DTE)]	03.11- 03.11- 03.11-	115461 115739 116061	14 14 14	150 180 150 A49					
	[4HU (P22DTE)]	04.06- 04.06-	113958 115499	14 14	150 150 A49	04.06-	115510	12	2.0 A49	
	[4HV (P22DTE)]	04.06- 04.06-	113958 115499	14 14	150 150 A49	04.06-	115510	12	2.0 A49	



	[4HY (DW12UTED)]	04.02-	112480	14 90	04.02-	111070	12 1.7	
		04.02-	113946	14 90	04.02-	112053	12 2.2	
		04.02-	112460	14 150	04.02-	113935	12 2.5	
		AC 04.02-	113640	14 150	04.02-	115501	12 2.5	A49
Boxer 2.3 HDi		02.07-	116043	14 180				
Boxer 2.4 TDi	[THX (DJ5TED)]	10.96- 04.02	112772	14 120	10.96- 04.02	114054	12 2.5	
		01.97-	112230	14 80	01.97-	111130	12 1.1	
		01.97-	112298	14 80	Chas. -17600143 01.97-	112436	12 2.3	
		01.97-	112299	14 95	01.97-	112026	12 2.6	
					01.97-	112053	12 2.2	
					01.97-	113959	12 2.0	
Boxer 2.4 TDi 4x4	[THX (DJ5TED)]	01.97-	112298	14 80	Chas. -17600143 01.97-	112436	12 2.3	
		01.97-	112299	14 95	01.97-	112053	12 2.2	
		01.97-	112772	14 120	01.97-	113959	12 2.0	
Boxer 2.5 Diesel	[T9A (DJ5)]	03.94-	112298	14 80	Chas. -17600143 03.94-	112436	12 2.3	
		03.94-	112299	14 95	03.94-	112026	12 2.6	
		03.94- 04.02	112772	14 120	03.94-	112053	12 2.2	
					03.94- 04.02	114054	12 2.5	
					03.94-	113959	12 2.0	
					08.94-	113451	12 2.2	
Boxer 2.5 Diesel 4x4	[T9A (DJ5)]	02.94- 02.02	112772	14 120	02.94- 02.02	113959	12 2.0	
		07.96-	112298	14 80	07.96-	112436	12 2.3	
		07.96-	112299	14 95	07.96-	112026	12 2.6	
					07.96-	114054	12 2.5	
Boxer 2.5 TD	[T8A (DJ5T)]	03.94-	112298	14 80	03.94-	112436	12 2.3	
		03.94-	112299	14 95	03.94-	112026	12 2.6	
		03.94- 04.02	112772	14 120	03.94-	112053	12 2.2	
					03.94- 04.02	114054	12 2.5	
					03.94-	113959	12 2.0	
					07.94-	113451	12 2.2	
Boxer 2.5 TD 4x4	[T8A (DJ5T)]	07.96-	112298	14 80	07.96-	112436	12 2.3	
		07.96-	112299	14 95	07.96-	112026	12 2.6	
		07.96-	112772	14 120	07.96-	114054	12 2.5	
Boxer 2.5 TDi	[THX (DJ5TED)]	01.97-	112298	14 80	Chas. -17600143 01.97-	112436	12 2.3	
		01.97-	112299	14 95	01.97-	112053	12 2.2	
		01.97-	112772	14 120	01.97-	113959	12 2.0	
Boxer 2.5 TDi 4x4	[THX (DJ5TED)]	10.96- 02.02	112772	14 120	10.96- 02.02	113959	12 2.0	
Boxer 2.5 i	[RfW (XU10J2U)]	06.94-	112298	14 80	06.94-	112436	12 2.3	
		06.94-	112772	14 120	06.94-	113959	12 2.0	
		AC 06.94-	112299	14 95	06.94-	112053	12 2.2	
Boxer 2.8 HDi	[8140.43N]	04.04-	113247	14 120	04.04-	113926	12 1.9	
		04.04-	113950	14 90	04.04-	115510	12 2.0	A49
		04.04-	114680	14 150	04.04-	114126	12 2.3	
	[8140.43S]	11.00-	113247	14 120	11.00-	113959	12 2.0	
		11.00- 04.02	113950	14 90	11.00- 04.02	115501	12 2.5	A49
		11.00- 04.02	114680	14 150	11.00- 04.02	114460	12 1.4	
					04.04-	113926	12 1.9	
					04.04-	115510	12 2.0	A49
	[8140.43S (F28DTCR)]	10.00- 11.01	113247	14 120	Chas. 17600144- 10.00- 11.01	113935	12 2.5	
		10.00- 11.01	113950	14 90	10.00- 11.01	113926	12 1.9	
		10.00- 11.01	114680	14 150	10.00- 11.01	115510	12 2.0	A49
					10.00- 11.01	114126	12 2.3	
					11.00-	113959	12 2.0	
					11.00- 04.02	115501	12 2.5	A49
					11.00- 04.02	114460	12 1.4	
	[8140.43S (F28DTCR)]	04.02-	113247	14 120	04.02-	113926	12 1.9	
		04.02-	113950	14 90	04.02-	115501	12 2.5	A49
		04.02-	114680	14 150	04.02-	114460	12 1.4	
					09.05- 09.09	113935	12 2.5	
					A25 09.05- 09.09	115986	12 2.5	
Boxer 2.8 HDi 4x4	[8140.43S (F28DTCR)]	10.00- 04.02	114680	14 150	10.00- 04.02	114126	12 2.3	
		04.02-	113247	14 120	04.02-	113926	12 1.9	
		04.02-	113950	14 90	04.02-	115501	12 2.5	A49
					04.02-	114460	12 1.4	
	[8140.43S (F28DTCR)]	04.02-	113247	14 120	04.02-	113926	12 1.9	
		04.02-	113950	14 90	04.02-	115501	12 2.5	A49
		04.02-	114680	14 150	04.02-	114460	12 1.4	
Boxer 3.0 HDi	[F1CE0481D (FG30DT)]	04.06-	115452	14 150				
		04.06-	116043	14 180				
	[F1CE3481E]	03.11-	114082	14 180 A49	03.11-	114460	12 1.4	
		03.11-	114705	14 140	03.11-	115510	12 2.0	A49
		03.11-	115490	14 140 A49	A25 03.11-	115986	12 2.5	
		03.11-	116043	14 180				
	[F30DTE5]	04.10-	114705	14 140	A25 04.10-	115986	12 2.5	
		04.10-	115490	14 140 A49				
		04.10-	116043	14 180				
Expert 1.5 BlueHDi 100	[YHR (DV5RUCd)]	06.18-	116152	14 150				
		06.18-	116541	14 120				
Expert 1.5 BlueHDi 120	[YHV (DV5RUC)]	06.18-	116152	14 150				
		06.18-	116541	14 120				
Expert 1.6 BlueHDi 115	[BHS (DV6FDU)]	04.16-	115364	14 150	04.16-	114460	12 1.4	
		04.16-	116242	12 180				
	[BHV (DV6FDU)]	04.16-	115364	14 150	04.16-	114460	12 1.4	
		04.16-	116242	12 180				
Expert 1.6 BlueHDi 175	[BHX (DV6FCU)]	04.16-	115364	14 150	04.16-	116634	12 1.1	
		04.16-	116242	12 180				
Expert 1.6 HDi	[9HU (DV6UTED4)]	01.07-	113640	14 150	01.07-	114854	12 2.5	
Expert 1.6 HDi 90	[9HM (DV6UC), 9HH (DV6DUM)]	01.07-	115364	14 150	01.07-	114460	12 1.4	
		01.07-	113640	14 150				
		01.07-	113946	14 90				
Expert 1.6 HDi BlueHDi 95	[BHV (DV6FDU)]	09.16-	115364	14 150	09.16-	114460	12 1.4	
		09.16-	116242	12 180				
Expert 1.6 HDi Tepee	[9HM (DV6UC), 9HH (DV6DUM)]	01.07-	115364	14 150	01.07-	114460	12 1.4	
	[9HU (DV6UTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9	
Expert 1.6	[Z22A2]	02.96- 09.00	111416	14 65	02.96- 09.00	111130	12 1.1	
		02.96- 09.00	111568	14 85	02.96- 09.00	111070	12 1.7	
Expert 1.8	[LFZ (XU7JP)]	10.96- 09.00	112298	14 80	10.96- 09.00	111070	12 1.7	
		10.96- 09.00	112299	14 95	10.96- 09.00	114030	12 2.2	
		10.96- 09.00	112772	14 120				



PEUGEOT Continued

Expert 1.9 Diesel	[D9B (XUD9AU)]	02.96-	111893	14 70	02.96-	111070	12 1.7
		02.96-	112688	14 95	02.96-	113254	12 1.4
		02.96-	112703	14 120	02.96-	114030	12 2.2
		02.96-	113485	14 80			
	[DW8]	06.98-	112058	14 70	06.98-	111070	12 1.7
		06.98-	112480	14 90	06.98-	112124	12 0.9
	[WJY (DW8B)]	09.01-	113603	14 80	09.01-	113926	12 1.9
		12.98-	112058	14 70	12.98-	111070	12 1.7
		AC 12.98-	112480	14 90			
		AC 12.98-	113503	14 120			
[WJZ (DW8)]	06.98- 08.01	113603	14 80	06.98- 08.01	113926	12 1.9	
		12.98-	113640	14 150			
Expert 1.9 TD	[D8B (XUD9TE)]	02.96-	111893	14 70	02.96-	111070	12 1.7
		02.96-	112688	14 95	02.96-	112124	12 0.9
		02.96-	112703	14 120	02.96-	113254	12 1.4
		02.96-	113485	14 80	02.96-	114030	12 2.2
		02.96-			02.96-	113926	12 1.9
	[D8X (XUD9TE)]	02.96-	111411	14 75	02.96-	111130	12 1.1
		02.96-	111893	14 70	02.96-	111070	12 1.7
		02.96-	112688	14 95	02.96-	113254	12 1.4
		02.96-	112703	14 120	02.96-	114030	12 2.2
		02.96-	113485	14 80	02.96-	113926	12 1.9
	02.96-	113537	14 65				
Expert 2.0 HDi	[AHY]	03.11-	115364	14 150	03.11-	114460	12 1.4
	[AHZ (DW10CD)]	03.11-	115364	14 150	03.11-	114460	12 1.4
	[RHH (DW10CTED4)]	09.09-	115364	14 150	09.09-	114460	12 1.4
	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	114854	12 2.5
	[RHR (DW10BTED4)]	01.07-	113640	14 150	01.07-	114460	12 1.4
				01.07-	114854	12 2.5	
	[RHW (DW10ATED4)]	07.00-	112480	14 90	07.00-	111070	12 1.7
		07.00-	113503	14 120	07.00-	113926	12 1.9
		Chas. 09520-	07.00-	113640	14 150		
		Chas. -09519	07.00-	112460	14 150		
		Chas. -09519	07.00-	112461	14 150		
	[RHX (DW10BTED)]	07.00-	112461	14 150	07.00-	111070	12 1.7
		07.00-	113640	14 150	07.00-	113926	12 1.9
		AC 10.99- 12.02	112460	14 150			
	[RHZ (DW10ATED)]	07.00-	112460	14 150	07.00-	111070	12 1.7
		07.00-	112461	14 150	07.00-	113926	12 1.9
		07.00-	113603	14 80			
		07.00-	113640	14 150			
	[RHZ (DW10BTED)]	07.00-	112460	14 150	07.00-	111070	12 1.7
		07.00-	112461	14 150	07.00-	113926	12 1.9
	07.00-	113603	14 80	07.00-	114460	12 1.4	
	07.00-	113640	14 150				
[RHZ (DW10CTED)]	07.00-	112460	14 150	07.00-	111070	12 1.7	
	07.00-	112461	14 150	07.00-	113926	12 1.9	
	07.00-	113603	14 80	07.00-	114460	12 1.4	
	07.00-	113640	14 150				
	10.00- 10.06	113503	14 120				
	03.11-	115364	14 150				
	10.00- 10.06	112480	14 90	10.00- 10.06	112124	12 0.9	
Expert 2.0 HDi 120 4x4	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	114460	12 1.4
Expert 2.0 HDi 130	[AHZ (DW10CD)]	03.11-	115364	14 150	03.11-	114460	12 1.4
		03.11-	115475	14 180			
Expert 2.0 HDi 165	[RHH (DW10CTED4)]	09.09-	115364	14 150	09.09-	114460	12 1.4
		09.09-	115475	14 180			
Expert 2.0 HDi 4x4	[AHZ (DW10CD)]	03.11-	115364	14 150	03.11-	114460	12 1.4
Expert 2.0 HDi Teepee	[RHH (DW10CTED4)]	09.09-	115364	14 150	09.09-	114460	12 1.4
	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9
	[RHR (DW10BTED4)]	01.07-	113640	14 150	01.07-	114854	12 2.5
Expert 2.0	[RFN (EW10J4)]	03.00-	112480	14 90	03.00-	111070	12 1.7
		03.00-	113503	14 120	03.00-	113926	12 1.9
Expert 2.0 16V	[RFH (EW10A)]		115371	14 120		116634	12 1.1
			115541	14 150			
	[RFJ (EW10A)]		115371	14 120		116634	12 1.1
			115541	14 150			
Expert 2.0 16V		01.07- 03.16	115541	14 150			
Expert Bus 2.0 BlueHdi 120	[AHK (DW10FE)]				AT 09.19-	114854	12 2.5
					09.19-	111070	12 1.7
					09.19-	113926	12 1.9
					09.19-	114460	12 1.4
Expert Bus 2.0 BlueHdi BlueHdi 145	[EHT (DW10FDDU340)]				07.21-	114460	12 1.4
					07.21-	114854	12 2.5
Expert Van 2.0 BlueHdi BlueHdi 145	[EHS (DW10FDDU370), EHT (DW10FDDU340)]				08.21-	114460	12 1.4
					08.21-	114854	12 2.5
Grand Raid 1.2	[HNZ (EB2DT)]	02.16-	116152	14 150	02.16-	116281	12 1.8
		02.16-	116237	12 125	02.16-	113933	12 1.5
Grand Raid 1.6 BlueHdi BlueHdi 100 4x4	[BHY (DV6FD)]	04.15-	115364	14 150	04.15-	114030	12 2.2
		04.15-	116242	12 180	04.15-	113933	12 1.5
					04.15-	116282	12 1.7
Grand Raid 1.6 HDi	[9HL (DV6C)]	04.08-	115364	14 150	04.08-	114030	12 2.2
		04.08-	115475	14 180			
Grand Raid 1.6 HDi 75	[9HT (DV6BTED4)]	06.08-	113640	14 150	06.08-	113254	12 1.4
		06.08-	113755	14 150			
Hoggar 1.6 Flexfuel	[NFU(TU5JP4)]	05.10-	112469	14 90	05.10-	110584	12 1.2
J5 1.8	[169B (XM7T)]				01.83- 11.88	111066	12 1.05
J5 1.9 Diesel	[D9B (XUD9A)]	11.87-	111076	14 50	11.87-	111115	12 2.2
					11.87-	111070	12 1.7
J5 2.0	[170 (XN1T)]				01.83- 09.90	111066	12 1.05
	[170B (XN1T)]				09.81- 09.90	111066	12 1.05
	[170D (XN1TACP)]				10.90-	111066	12 1.05
J5 2.5 Diesel	[CRD93 (U25/661)]	09.81- 09.90	111071	14 75	09.81- 09.90	111115	12 2.2
J5 2.5 Diesel 4x4	[CRD93 (U25/661)]	10.90-	111071	14 75	10.90-	111115	12 2.2
J5 2.5 TD	[CRD93LS (U25-673)]				10.90-	111115	12 2.2
J5 2.5 TD 4x4	[CRD93LS (U25-673)]				10.90-	111115	12 2.2
Manager 2.2 BlueHdi 120	[4HK (DW12RUE)]				07.19-	113926	12 1.9
Manager 2.2 BlueHdi 140	[4HJ (DW12RUD)]				07.19-	113926	12 1.9
Manager 2.2 BlueHdi 165	[4HH (DW12RUC)]				07.19-	113926	12 1.9



Partner 1.1	[HDZ (TU1M)]		06.96-	110619	14 70		06.96-	110584	12 1.2
			06.96-	111723	14 70		06.96-	111130	12 1.1
			06.96- 10.02	112648	14 70		06.96- 10.02	113254	12 1.4
			06.96-	112782	14 80		06.96- 10.02	114030	12 2.2
			06.96- 10.02	113404	14 90				
	[HFX (TU1JP)]		06.96-	110619	14 70		06.96-	110584	12 1.2
			06.96- 10.02	112648	14 70		06.96- 10.02	114030	12 2.2
			06.96- 10.02	112782	14 80		06.96- 10.02	113254	12 1.4
			06.96- 10.02	113404	14 90				
Partner 1.2 Puretech 110	[HNP (EB2ADT)]	Emission standard 6.2	07.19-	116152	14 150				
		Emission standard 6.2	07.19-	116541	14 120				
Partner 1.4 BiFuel	[KFW (TU3JP)]		09.02-	112469	14 90		09.02-	113254	12 1.4
Partner 1.4	[KFW (TU3JP)]		06.96-	110619	14 70		06.96-	110584	12 1.2
			06.96-	111723	14 70		06.96-	111070	12 1.7
			06.96- 12.15	112648	14 70		06.96- 12.15	114030	12 2.2
			06.96-	112782	14 80		06.96-	113254	12 1.4
			06.96-	113404	14 90				
	[KFX (TU3JP)]		06.96-	110619	14 70		06.96-	110584	12 1.2
			06.96-	111723	14 70		06.96-	111070	12 1.7
			06.96- 12.15	112648	14 70		06.96-	111130	12 1.1
			06.96-	112782	14 80		06.96- 12.15	114030	12 2.2
			06.96-	113404	14 90		06.96-	113254	12 1.4
	[TU32]		06.96-	110619	14 70		06.96-	110584	12 1.2
			06.96-	111723	14 70		06.96-	111070	12 1.7
			06.96- 12.15	112648	14 70		06.96- 12.15	114030	12 2.2
			06.96-	112782	14 80		06.96-	113254	12 1.4
			06.96-	113404	14 90				
Partner 1.5 BlueHdi 100	[YHY (DV5RD)]		07.19-	116152	14 150				
			07.19-	116541	14 120				
Partner 1.5 BlueHdi 130	[YHZ (DV5RC)]		09.18-	116152	14 150				
			09.18-	116541	14 120				
Partner 1.6 BlueHdi 100	[BHY (DV6FD)]		04.15-	115364	14 150				
			04.15-	116242	12 180				
Partner 1.6 BlueHdi 75	[BHW (DV6FE)]		09.18-	115364	14 150				
			09.18-	116242	12 180				
Partner 1.6 HDi	[9HF (DV6DTEd)]		03.13-	115364	14 150	A25 03.13-	116282	12 1.7	
			03.13-	115475	14 180	03.13-	114460	12 1.4	
	[9HL (DV6C)]		03.13-	115364	14 150	03.13-	114460	12 1.4	
	[9HP (DV6DTEd)]		04.10-	115364	14 150	04.10-	114460	12 1.4	
	[9HS (DV6TED4BU)]		04.08-	113640	14 150	04.08-	113933	12 1.5	
	[9HT (DV6BTED4)]		01.09-	113640	14 150	01.09-	113960	12 0.9	
			01.09-	113946	14 90	01.09-	113933	12 1.5	
	[9HW (DV6BTED4)]		02.06-	113640	14 150	02.06-	114030	12 2.2	
			04.08-	115364	14 150	04.08-	113960	12 0.9	
						04.08-	116634	12 1.1	
	[9HX (DV6ATED4)]		01.09-	113946	14 90	02.06-	114030	12 2.2	
			02.06-	113640	14 150	02.06-	114460	12 1.4	
			02.06-	114859	14 180	01.09-	113960	12 0.9	
						01.09-	113933	12 1.5	
	[9HX (DV6ATED4), 9HJ (DV6DTEdM)]		04.10-	115364	14 150	04.10-	114460	12 1.4	
		04.10-	115475	14 180					
Partner 1.6 HDi 75	[9HK (DV6ETEDM)]		08.05- 07.08	115364	14 150	08.05- 07.08	114460	12 1.4	
			08.05- 07.08	115475	14 180				
			02.06- 07.08	113640	14 150	02.06- 07.08	113933	12 1.5	
			02.06- 07.08	113755	14 150				
Partner 1.6 HDi BlueHdi 110 4x4	[BHY (DV6FD)]		04.15-	115364	14 150	04.15-	116282	12 1.7	
			04.15-	116242	12 180				
Partner 1.6 HDi Tepee	[9HF (DV6DTEd)]		03.13-	115364	14 150	03.13-	116282	12 1.7	
			03.13-	115475	14 180	03.13-	114460	12 1.4	
	[9HL (DV6C)]		08.10-	115364	14 150	08.10-	114460	12 1.4	
	[9HP (DV6DTEd)]		04.10-	115364	14 150	04.10-	116634	12 1.1	
	[9HV (DV6TED4)]		04.08-	113640	14 150	04.08-	113960	12 0.9	
			04.08-	115364	14 150	04.08-	116634	12 1.1	
	[9HX (DV6ATED4)]		04.08-	113640	14 150	04.08-	114030	12 2.2	
		04.08-	115364	14 150	04.08-	114460	12 1.4		
Partner 1.6			09.00- 05.08	113405	14 70	09.00- 05.08	114030	12 2.2	
			09.00- 05.08	113575	14 80				
			09.00- 05.08	112469	14 90	09.00- 05.08	113254	12 1.4	
Partner 1.6 Tepee	[5FK (EP6C) DTR]		08.10-	114811	14 120 A49	08.10-	113933	12 1.5	
			08.10-	115604	14 150 A49				
			08.10-	116311	14 120				
			08.10-	116353	14 150				
	[5FS (EP6C)]		04.10-	114752	14 80	04.10-	113933	12 1.5	
			04.10-	114771	14 150	04.10-	114460	12 1.4	
			04.10-	114811	14 120 A49				
			04.10-	115604	14 150 A49				
		04.10-	116311	14 120					
		04.10-	116353	14 150					
Partner 1.8 Diesel	[A9A (XUD7)]		06.96-	112230	14 80	06.96-	111994	12 0.7	
			06.96-	112292	14 70	06.96-	113254	12 1.4	
			06.96-	112688	14 95	06.96-	111070	12 1.7	
		PS	06.96-	111893	14 70	06.96-	114030	12 2.2	
		PS	06.96-	113485	14 80				
		AC	06.96-	112703	14 120				
Partner 1.8	[LFX (XU7JB)]		05.97-	111318	14 80	05.97-	110584	12 1.2	
			05.97-	113604	14 95	05.97-	114030	12 2.2	
Partner 1.9 Diesel	[DJY (XUD9A)]		06.96-	112292	14 70	06.96-	111994	12 0.7	
		PS	06.96-	111893	14 70	06.96-	113254	12 1.4	
			06.96-	112230	14 80	06.96-	111070	12 1.7	
		PS	06.96-	113485	14 80	06.96-	114030	12 2.2	
			06.96-	112688	14 95				
		AC	06.96-	112703	14 120				
	[WJY (DW8)]		09.00-	113603	14 80	09.00-	114030	12 2.2	
	[WJY (DW8B)]		09.00-	113603	14 80	09.00-	114030	12 2.2	
			06.96-	112058	14 70	06.96-	111070	12 1.7	
			06.96-	112460	14 150	06.96-	113254	12 1.4	
			06.96-	112480	14 90				



PEUGEOT Continued

	[WJY (DW8B),]	01.99- 07.08	112469	14	90	01.99- 07.08	113254	12	1.4
		01.99- 07.08	113405	14	70	01.99- 07.08	114030	12	2.2
		01.99- 07.08	113640	14	150	01.99- 07.08	113933	12	1.5
		01.99- 07.08	113946	14	90				
		01.99- 07.08	115438	14	120				
	[WJZ (DW8)]	06.96-	112058	14	70	01.99- 07.08	113933	12	1.5
		06.96-	112460	14	150	06.96-	111070	12	1.7
		06.96-	112480	14	90	06.96-	113254	12	1.4
		11.98- 08.02	113603	14	80	11.98- 08.02	114030	12	2.2
		01.99- 07.08	112469	14	90				
		01.99- 07.08	113405	14	70				
		01.99- 07.08	113640	14	150				
		01.99- 07.08	113946	14	90				
		01.99- 07.08	115438	14	120				
	[XUD9]	05.96- 07.96	112292	14	70	05.96- 07.96	113254	12	1.4
		06.96- 12.98	112230	14	80	06.96- 12.98	111994	12	0.7
		06.96- 12.98	112688	14	95	07.96- 12.98	111070	12	1.7
		07.96- 12.98	111893	14	70	07.96- 12.98	114030	12	2.2
		07.96- 12.98	113485	14	80				
Partner 1.9 Diesel 4x4	[WJY (DW8B)]	08.00-	113603	14	80	08.00-	114030	12	2.2
		04.04-	112058	14	70	04.04-	111070	12	1.7
		04.04-	112480	14	90	04.04-	113254	12	1.4
Partner 2.0 HDi	[RHY (DW10TD)]	02.20-	112460	14	150	02.20-	113254	12	1.4
		02.20-	112480	14	90	02.20-	114030	12	2.2
		02.20-	113603	14	80	02.20-	113933	12	1.5
		02.20-	113755	14	150				
Partner 2.0 HDi 4x4	[RHY (DW10TD)]	02.20-	113948	14	150				
			112058	14	70		111070	12	1.7
			112480	14	90		113254	12	1.4
			113603	14	80		114030	12	2.2
Partner Furgon 1.5 BlueHDi 75	[YHW (DV5RE)]		113755	14	150		113933	12	1.5
		07.19-	116152	14	150	07.19-	113254	12	1.4
		07.19-	116541	14	120	07.19-	114030	12	2.2
Partner Origin 1.4		10.05- 12.10	111723	14	70	10.05- 12.10	110584	12	1.2
			112782	14	80				
Partner Origin 1.6 HDi 75	[9HW (DV6BTED4)]	08.08- 12.15	113640	14	150	08.08- 12.15	114030	12	2.2
		08.08- 12.15	113755	14	150				
Partner Origin 1.6 HDi 90	[9HX (DV6ATED4)]	08.08- 12.15	113640	14	150	08.08- 12.15	113254	12	1.4
		08.08- 12.15	113946	14	90				
		08.08- 12.15	114859	14	180				
Partner Origin 1.6	[NFU (TU5JP4)]	09.11- 12.15	113405	14	70	09.11- 12.15	111994	12	0.7
		09.11- 12.15	113575	14	80	09.11- 12.15	113254	12	1.4
		09.11- 12.15	115438	14	120				
Partner Origin Combispace 1.6 HDi 75	[9HW (DV6BTED4)]	08.08- 12.13	113640	14	150				
		08.08- 12.13	113946	14	90				
		08.08- 12.13	114859	14	180				
		08.08- 12.13	115369	14	150				
Partner Origin Combispace 1.6 16V	[NFU (TU5JP4)]	09.11- 12.13	112469	14	90	09.11- 12.13	110584	12	1.2
		09.11- 12.13	113405	14	70	09.11- 12.13	113254	12	1.4
		09.11- 12.13	113575	14	80	09.11- 12.13	114030	12	2.2
		09.11- 12.13	115438	14	120				
Partner Tepee 1.6 HDi HDi 90 4x4	[9HP (DV6DTEd)]	07.12-	115364	14	150	07.12-	114030	12	2.2
		07.12-	115475	14	180	07.12-	113254	12	1.4
						07.12-	113933	12	1.5
RCZ 1.6	[5FG (EP6CDTR)]	06.13-	114811	14	120 A49	06.13-	113926	12	1.9
		06.13-	115604	14	150 A49				
		06.13-	116311	14	120				
		06.13-	116353	14	150				
RCZ 1.6 16V	[5FV (EP6CDT)]	03.10-	114752	14	80	03.10-	113960	12	0.9
		03.10-	114771	14	150				
		03.10-	114811	14	120 A49				
		03.10-	115604	14	150 A49				
		03.10-	116311	14	120				
		03.10-	116353	14	150				
	[EP6CDTX]	06.10-	114752	14	80	06.10-	113960	12	0.9
RCZ 1.6 THP THP 150	[5FE (EP6CDTMD)]	06.10-	114771	14	150				
		06.10-	114811	14	120 A49				
		06.10-	115604	14	150 A49				
		06.10-	116311	14	120				
		06.10-	116353	14	150				
RCZ 2.0 HDi	[RHH (DW10CTED4)]	03.11-	114811	14	120 A49				
		03.11-	115604	14	150 A49				
		03.11-	116311	14	120				
		03.11-	116353	14	150				
Rifter 1.2 THP	[HNP (EB2ADT)]	09.18-	116152	14	150	09.18-	114030	12	2.2
Rifter 1.5 BlueHDi 100	[YHY (DV5RD)]	09.18-	116541	14	120				
		09.18-	116152	14	150	09.18-	114030	12	2.2
Rifter 1.5 BlueHDi 130	[YHZ (DV5RC)]	09.18-	116541	14	120	09.18-	116282	12	1.7
		09.18-	116152	14	150	09.18-	114030	12	2.2
Rifter 1.5 BlueHDi 75	[YHW (DV5RE)]	09.18-	116541	14	120	09.18-	116282	12	1.7
		09.18-	116152	14	150	09.18-	114030	12	2.2
Rifter 1.6 BlueHDi	[BHW (DV6FE), 9HN (DV6ETED)]	09.18-	115364	14	150	09.18-	113254	12	1.4
		09.18-	115475	14	180	09.18-	113466	24	4.0
		09.18-	116242	12	180				
Rifter 1.6 BlueHDi 100	[BHY (DV6FD)]	09.18-	115364	14	150	09.18-	113254	12	1.4
		09.18-	116242	12	180				
Rifter 1.6 HDi 92	[9HP (DV6DTEd)]	09.18-	115364	14	150	09.18-	113254	12	1.4
		09.18-	115475	14	180				
Traveller 1.5 BlueHDi 100	[YHR (DV5RUCd)]	06.18-	116152	14	150	06.18-	111070	12	1.7
		06.18-	116541	14	120	06.18-	113254	12	1.4
						06.18-	114030	12	2.2
Traveller 1.5 BlueHDi 120	[YHV (DV5RUC)]	06.18-	116152	14	150	06.18-	111070	12	1.7
		06.18-	116541	14	120	06.18-	113254	12	1.4
						06.18-	114030	12	2.2
Traveller 1.6 BlueHDi 115						04.16-	114030	12	2.2
Traveller 1.6 BlueHDi 95						04.16-	114030	12	2.2



Traveller 2.0 BlueHdi 150						04.16-	113926	12	1.9	
						04.16-	114854	12	2.5	
Traveller 2.0 180						04.16-	113926	12	1.9	
						04.16-	114854	12	2.5	
						04.16-	114460	12	1.4	
Traveller Bus 2.0 BlueHdi 120		[AHK (DW10FE)]				AT 09.19-	114854	12	2.5	
						09.19-	111070	12	1.7	
						09.19-	113926	12	1.9	
						09.19-	114460	12	1.4	
Traveller Bus 2.0 Hdi Bluehdi 145		[EHT (DW10FDDU340),EHS (DW10FDDU370)]				AT 09.20-	114854	12	2.5	
						09.20-	114460	12	1.4	
Various Models						07.87-	111115	12	2.2	
						11.87-	111070	12	1.7	
PASSENGER CARS US										
207 1.4		[KFW (TU3A)]	08.08-	114707	14	80	08.08-	110584	12	1.2
			08.08-	115474	14	80				
404 1.6							01.68- 01.69	111066	12	1.05
404 1.8							01.70- 01.70	111066	12	1.05
405 1.9 DL			01.89- 01.89	110911	14	55	01.89- 01.89	110587	12	1.2
			01.89- 01.89	111076	14	50				
405 1.9 MI16			01.89- 01.89	110911	14	55	01.89- 01.89	110587	12	1.2
			01.89- 01.89	111076	14	50				
405 1.9 S			01.89- 01.89	110911	14	55	01.89- 01.89	110587	12	1.2
			01.89- 01.89	111076	14	50				
407 2.0 Flex								116634	12	1.1
504 2.0							01.74- 01.78	111066	12	1.05
505 2.0							01.80- 01.80	111066	12	1.05
505 2.0 GL							01.84- 01.86	111066	12	1.05
505 2.0 Liberte							01.87- 01.87	111066	12	1.05
505 2.0 S							01.84- 01.85	111066	12	1.05
505 2.0 STI							01.86- 01.86	111066	12	1.05
505 2.2							01.90- 01.90	111063	12	1.2
505 2.2 DL							01.88- 01.89	111063	12	1.2
505 2.2 GL							01.87- 01.87	111063	12	1.2
505 2.2 GLS							01.87- 01.88	111063	12	1.2
505 2.2 S							01.89- 01.89	111063	12	1.2
505 2.2 STI							01.87- 01.88	111063	12	1.2
505 2.2 SW8							01.89- 01.89	111063	12	1.2
Boxer 2.3 Hdi			04.06-	116043	14	180				
PASSENGER CARS AO										
205 1.9 Diesel		[XUD9]					07.90-	110587	12	1.2
206 1.1			Only K6C / K6D 06.98-	113603	14	80				
307 1.6 Cross							09.11-	116634	12	1.1
307 2.0 Hdi		[NFU (DW10TD)]					03.04-	116634	12	1.1
		[RHZ (DW10ATED)]					08.08-	116634	12	1.1
405 1.8 Diesel 4x4		[A8A (XUD7TE)]					06.88- 12.92	111070	12	1.7
406 1.8			10.97- 03.99	113604	14	95				
Boxer 3.0 Diesel			07.06-	116043	14	180				
Expert 2.0 Hdi Comfort		[RHX (DW10BTED)]	11.03-	113640	14	150				
Partner 1.6		[NFU (TU5JP4)]					09.00-	110584	12	1.2
							09.00-	111994	12	0.7
Piaggio										
PASSENGER CARS EU										
APE 0.4		[GL400]					06.00-	112171	12	1.1 A49
							06.00-	116556	12	1.1
Ape Car D 0.5							10.86- 12.96	114741	12	1.6
Ape Car TMD 0.5							10.86- 12.96	114741	12	1.6
Ape Poker Quadriciclo 0.4							10.86- 12.96	114741	12	1.6
Porter 1.0		[CB41]	12.92- 05.98	111048	14	40	12.92- 05.98	114851	12	0.8
			12.92- 05.98	113921	14	40				
Porter 1.3 16V LPG		[HCEL]	06.98-	111437	14	45	06.98-	114851	12	0.8
Porter 1.3 16V		[HCEL]	06.98-	111437	14	45	06.98-	114851	12	0.8
Porter 1.3 16V 4x4		[HCEL]	06.98-	111437	14	45	06.98-	114851	12	0.8
Porter 1.3 i 16V			05.98-	111437	14	45	05.98-	114851	12	0.8
MOTOR BIKES										
0.4								116074	12	0.34
Pininfarina										
PASSENGER CARS EU										
124 2.0 2000		[132C3.031]	06.79- 04.85	110912	14	55				
124 2.0 2000 Spider Europa		[132C3.031]	06.79- 04.85	110912	14	55				
			03.82- 09.85	111620	14	65				
124 2.0 2000 Volumex		[232R14]	06.83- 04.85	110912	14	55				
Plymouth										
PASSENGER CARS EU										
Voyager 3.3 i		[EGM]					01.95- 03.01	111492	12	1.4
Voyager 3.8 i		[EGH]					01.95- 03.01	111492	12	1.4
Voyager 3.8 i 4WD		[EGH]					01.95- 03.01	111492	12	1.4
PASSENGER CARS US										
Acclaim 2.5			01.93- 01.94	111193	14	90				
Acclaim 2.5			01.92- 01.95	111193	14	90				
Arrow 2.0 Pickup							01.81- 01.82	110158	12	1.2
			01.79- 01.80	110805	14	45				
Arrow 2.6			01.80- 01.80	110805	14	45	01.80- 01.80	110158	12	1.2
Arrow 2.6 GS			01.79- 01.79	110805	14	45	01.79- 01.79	110158	12	1.2
Arrow 2.6 GT			01.79- 01.79	110805	14	45	01.79- 01.79	110158	12	1.2
Arrow 2.6 Pickup							01.79- 01.80	110158	12	1.2
			01.79- 01.80	110805	14	45				
Barracuda 2.8							01.66- 01.66	110223	12	1.1
			01.66- 01.66	110074	14	60				
Barracuda 3.7							01.65- 01.67	110223	12	1.1
			01.68- 01.69	110074	14	60				
Barracuda 4.5							01.64- 01.67	110223	12	1.1
			01.64- 01.67	110074	14	60				
Barracuda 5.2			01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Barracuda 5.6							01.72- 01.73	110223	12	1.1
			01.68- 01.69	110074	14	60				
Barracuda 5.9							01.74- 01.74	110223	12	1.1
Barracuda 6.3			01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Belvedere 3.7			01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Belvedere 3.7 Satellite			01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1



PLYMOUTH Continued

Belvedere 4.5	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Belvedere 4.5 Satellite	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Belvedere 5.2	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Belvedere 5.2 Satellite	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Belvedere 5.9	01.64- 01.65	110074	14	60				
Belvedere 6.3	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Belvedere 6.3 Satellite	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Belvedere 7.0	01.64- 01.67	110074	14	60				
Belvedere 7.2	01.66- 01.67	110074	14	60				
Caravelle 3.7					01.83- 01.83	110223	12	1.1
Caravelle 3.7 SALON					01.80- 01.80	110223	12	1.1
Caravelle 3.7 Sport					01.81- 01.81	110223	12	1.1
Caravelle 5.2					01.83- 01.87	110223	12	1.1
Caravelle 5.2 SALON					01.81- 01.81	110223	12	1.1
Caravelle 5.2 Sport					01.81- 01.81	110223	12	1.1
Champ 1.4					01.79- 01.80	110158	12	1.2
Champ 1.4 Custom					01.79- 01.79	110158	12	1.2
Champ 1.6					01.80- 01.80	110158	12	1.2
Champ 1.6 Custom					01.79- 01.80	110158	12	1.2
Colt 1.5					01.89- 01.90	110158	12	1.2
Colt 1.5 100	01.89- 01.90	110659	14	75	01.89- 01.90	110315	12	0.9
Colt 1.5 100 DL	01.90- 01.90	110659	14	75	01.90- 01.90	110158	12	1.2
Colt 1.5 100 E	01.89- 01.90	110659	14	75	01.91- 01.91	110158	12	1.2
Colt 1.5 100 LX	01.89- 01.90	110659	14	75	01.89- 01.90	110315	12	0.9
Colt 1.5 200 DL	01.89- 01.90	110659	14	75	01.91- 01.91	110158	12	1.2
Colt 1.5 200 E	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 200 GT	01.89- 01.90	110659	14	75	01.92- 01.92	110158	12	1.2
Colt 1.5 200 LX	01.91- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
Colt 1.5 DL	01.89- 01.89	110659	14	75	01.89- 01.89	110158	12	1.2
Colt 1.5 E	01.88- 01.88	110659	14	75	01.86- 01.88	110158	12	1.2
Colt 1.5 GL	01.89- 01.89	110659	14	75	01.88- 01.88	110315	12	0.9
Colt 1.5 GT	01.90- 01.90	110659	14	75	01.86- 01.88	110158	12	1.2
Colt 1.5 Premier	01.89- 01.90	110659	14	75	01.90- 01.90	110158	12	1.2
Colt 1.6 200 LX	01.89- 01.89	110802	14	75	01.89- 01.89	110158	12	1.2
Colt 1.6 GT	01.90- 01.90	110802	14	75	01.89- 01.89	110958	12	0.9
Colt 1.6 Turbo 100	01.90- 01.90	110802	14	75	01.90- 01.90	110958	12	0.9
Colt 1.6 Turbo 100 DL	01.89- 01.89	110802	14	75	01.90- 01.90	110958	12	0.9
Colt 1.6 Turbo 100 LX	01.89- 01.90	110802	14	75	01.89- 01.90	110958	12	0.9
Colt 1.6 Turbo DL	01.89- 01.89	110802	14	75	01.86- 01.88	110158	12	1.2
Colt 1.6 Turbo GT	01.89- 01.89	110802	14	75	01.89- 01.89	110958	12	0.9
Colt 1.6 Turbo GTS					01.88-	110158	12	1.2
Colt 1.6 Turbo Premier					01.86- 01.88	110158	12	1.2
Colt 1.8 DL					01.89- 01.90	110158	12	1.2
Colt 2.0 Vista					01.87- 01.88	110158	12	1.2
Colt 2.0 Vista Custom					01.86- 01.86	110158	12	1.2
Colt 2.4					01.93- 01.94	110158	12	1.2
Colt 2.4 4x4	01.92- 01.92	110802	14	75	01.92- 01.92	110158	12	1.2
Colt 2.4 Vista	01.92- 01.92	110802	14	75	01.92- 01.92	110958	12	0.9
Colt 2.4 Vista SE	01.92- 01.92	110802	14	75	01.92- 01.92	110158	12	1.2
Colt 2.6	01.78-	110805	14	45	01.92- 01.92	110811	12	1.2
Conquest 2.6 Turbo	01.84- 01.85	110318	14	50	01.78-	110811	12	1.2
Crocket 1.5	01.71- 01.71	110178	14	36	01.80-	110315	12	0.9
Cuda 5.2					01.84- 01.85	110158	12	1.2
Cuda 5.6					01.71- 01.71	111102	12	0.8
Cuda 5.9					01.72- 01.74	110223	12	1.1
Duster 3.2					01.70- 01.73	110223	12	1.1
Duster 3.7					01.74- 01.74	110223	12	1.1
Duster 3.7 Custom					01.70- 01.74	110223	12	1.1
Duster 5.2					01.70- 01.76	110223	12	1.1
Duster 5.2 Custom					01.75- 01.75	110223	12	1.1
Duster 5.6 340					01.70- 01.76	110223	12	1.1
Duster 5.9					01.76- 01.76	110223	12	1.1
Duster 5.9 360					01.74- 01.75	110223	12	1.1
Fleet 3.7 Special					01.62- 01.63	110223	12	1.1
Fleet 5.9 Special					01.62- 01.63	110223	12	1.1
Fury 3.7	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Fury 3.7 Custom Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 3.7 Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 4.5	01.64- 01.65	110074	14	60	01.64- 01.65	110223	12	1.1
Fury 5.2	01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
Fury 5.2 Custom Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 5.2 Sport	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Fury 5.2 Sport Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 5.2 Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 5.2 Vip	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Fury 6.3	01.64- 01.67	110074	14	60	01.64- 01.67	110223	12	1.1
Fury 6.3 Custom Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 6.3 Sport	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Fury 6.3 Sport Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 6.3 Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 6.3 Vip	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Fury 7.0	01.64- 01.66	110074	14	60	01.64- 01.66	110223	12	1.1
Fury 7.2	01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
Fury 7.2 Custom Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 7.2 Sport	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Fury 7.2 Sport Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 7.2 Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1



Fury 7.2 Vip	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Gran Fury 3.7					01.80- 01.80	110223	12	1.1
Gran Fury 3.7 SALON					01.80- 01.80	110223	12	1.1
Gran Fury 5.2					01.72- 01.80	110223	12	1.1
Gran Fury 5.2 Custom					01.75- 01.75	110223	12	1.1
Gran Fury 5.2 SALON					01.80- 01.80	110223	12	1.1
Grand Voyager 3.3	[EGM]				01.98- 01.99	111492	12	1.4
Grand Voyager 3.3	[EGA]				01.98- 01.98	111492	12	1.4
Grand Voyager 3.3 LE					01.90- 01.95	111492	12	1.4
Grand Voyager 3.3 SE					01.90- 01.94	111492	12	1.4
Grand Voyager 3.8					01.99- 01.99	111492	12	1.4
Grand Voyager 3.8 LE					01.94- 01.95	111492	12	1.4
Grand Voyager 3.8 SE					01.95- 01.95	111492	12	1.4
GTX 4.5	01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
GTX 5.2	01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
GTX 6.3	01.67-	110074	14	60				
GTX 7.0	01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
GTX 7.2	01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
Laser 2.0 RS	01.90- 01.92	110802	14	75	01.90- 01.92	110958	12	0.9
					01.93- 01.94	110811	12	1.2
	01.90- 01.92	110804	14	90				
					01.93- 01.94	110158	12	1.2
Laser 2.0 Turbo RS	01.90- 01.92	110802	14	75	01.90- 01.92	110811	12	1.2
	01.90- 01.92	110804	14	90	01.90- 01.92	110158	12	1.2
Roadrunner 4.5	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Roadrunner 5.2	01.68- 01.68	110074	14	60				
Roadrunner 6.3	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Roadrunner 7.0	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Roadrunner 7.2	01.69- 01.69	110074	14	60	01.69- 01.69	110223	12	1.1
Sapporo 2.6					01.78- 01.80	110158	12	1.2
	01.81- 01.83	110805	14	45				
Satellite 3.7					01.71- 01.74	110223	12	1.1
	01.66- 01.67	110074	14	60				
Satellite 3.7 Custom					01.71- 01.74	110223	12	1.1
Satellite 3.7 Sebring					01.71- 01.74	110223	12	1.1
Satellite 4.5					01.68- 01.68	110223	12	1.1
	01.65- 01.67	110074	14	60				
Satellite 5.2					01.65- 01.67	110223	12	1.1
	01.65- 01.67	110074	14	60				
Satellite 5.2 Brougham					01.71- 01.71	110223	12	1.1
Satellite 5.2 Custom					01.71- 01.74	110223	12	1.1
Satellite 5.2 Regent					01.71- 01.74	110223	12	1.1
Satellite 5.2 Sebring					01.71- 01.74	110223	12	1.1
Satellite 5.2 Sebring Plus					01.71- 01.74	110223	12	1.1
Satellite 5.6 Custom					01.72- 01.72	110223	12	1.1
Satellite 5.6 Sebring					01.72- 01.72	110223	12	1.1
Satellite 6.3	01.65-	110074	14	60	01.65-	110223	12	1.1
Satellite 7.0	01.65- 01.67	110074	14	60	01.65- 01.67	110223	12	1.1
Satellite 7.2	01.66- 01.67	110074	14	60	01.66- 01.67	110223	12	1.1
Savoy 3.7	01.62- 01.64	110074	14	60	01.62- 01.64	110223	12	1.1
Savoy 4.5	01.64- 01.64	110074	14	60	01.64- 01.64	110223	12	1.1
Savoy 5.2	01.64- 01.64	110074	14	60	01.64- 01.64	110223	12	1.1
Savoy 6.3	01.64-	110074	14	60	01.64-	110223	12	1.1
Savoy 7.0	01.64- 01.64	110074	14	60				
Scamp 3.2					01.71- 01.74	110223	12	1.1
Scamp 3.7					01.71- 01.76	110223	12	1.1
Scamp 3.7 Special					01.76-	110223	12	1.1
Scamp 5.2					01.71- 01.76	110223	12	1.1
Scamp 5.2 Special					01.76- 01.76	110223	12	1.1
Sundance 2.2	01.90- 01.94	111193	14	90				
Sundance 2.2 America	01.91- 01.92	111193	14	90				
Sundance 2.5	01.92- 01.94	111193	14	90				
Sundance 2.5 America	01.92- 01.92	111193	14	90				
Sundance 2.5 Duster	01.92- 01.94	111193	14	90				
Sundance 2.5 RS	01.91- 01.91	111193	14	90				
Sundance 2.5 Turbo RS	01.91- 01.91	111193	14	90				
Trailduster 3.7					01.75- 01.78	110223	12	1.1
Trailduster 5.2					01.74- 01.80	110223	12	1.1
Valiant 2.8					01.62- 01.67	110223	12	1.1
	01.62- 01.67	110074	14	60				
Valiant 2.8 100	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valiant 2.8 Signet	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valiant 3.7					01.65- 01.67	110223	12	1.1
	01.65- 01.67	110074	14	60				
Valiant 3.7 100	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valiant 3.7 Brougham					01.74- 01.75	110223	12	1.1
Valiant 3.7 Custom					01.75- 01.75	110223	12	1.1
Valiant 3.7 Signet	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valiant 4.5					01.64- 01.67	110223	12	1.1
	01.64- 01.67	110074	14	60				
Valiant 4.5 100	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valiant 4.5 Signet	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valiant 5.2 100	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valiant 5.2 Brougham					01.74- 01.75	110223	12	1.1
Valiant 5.2 Custom					01.75- 01.75	110223	12	1.1
Valiant 5.2 Signet	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Valiant 5.9					01.76- 01.76	110223	12	1.1
VIP 5.2	01.67- 01.67	110074	14	60	01.67- 01.67	110223	12	1.1
VIP 6.3	01.67- 01.67	110074	14	60				
VIP 7.2	01.67- 01.67	110074	14	60				
Volare 3.7					01.76- 01.80	110223	12	1.1
Volare 3.7 Custom					01.76- 01.77	110223	12	1.1
Volare 3.7 Premier					01.76- 01.77	110223	12	1.1
Volare 5.2					01.76- 01.80	110223	12	1.1
Volare 5.2 Custom					01.76- 01.77	110223	12	1.1
Volare 5.2 Premier					01.76- 01.77	110223	12	1.1
Voyager 3.3	[EGM]				01.98- 01.99	111492	12	1.4
Voyager 3.3					01.98- 01.99	111492	12	1.4
Voyager 3.3 LX					01.94- 01.94	111492	12	1.4
Voyager 3.3 SE					01.94- 01.94	111492	12	1.4



PLYMOUTH Continued

Voyager 3.7 PB100				01.74- 01.78	110223	12	1.1
Voyager 3.7 PB150				01.81- 01.82	110223	12	1.1
Voyager 3.7 PB200				01.80- 01.80	110223	12	1.1
Voyager 3.7 PB200 EX				01.76- 01.77	110223	12	1.1
Voyager 3.7 PB250				01.81- 01.82	110223	12	1.1
Voyager 3.8	[EGH]			01.98- 01.98	111492	12	1.4
Voyager 5.2 PB100				01.74- 01.80	110223	12	1.1
Voyager 5.2 PB150				01.81- 01.82	110223	12	1.1
Voyager 5.2 PB200				01.79- 01.80	110223	12	1.1
Voyager 5.2 PB200 EX				01.74- 01.77	110223	12	1.1
Voyager 5.2 PB200 MX				01.78- 01.80	110223	12	1.1
Voyager 5.2 PB250				01.81- 01.82	110223	12	1.1
Voyager 5.2 PB300				01.74- 01.80	110223	12	1.1
Voyager 5.2 PB300 EX				01.74- 01.77	110223	12	1.1
Voyager 5.2 PB300 MX				01.78- 01.80	110223	12	1.1
Voyager 5.2 PB350				01.81- 01.82	110223	12	1.1
Voyger 2.5	01.92- 01.95	111193	14	90	01.92- 01.95	111492	12 1.4
Voyger 2.5 LE	01.90- 01.91	111193	14	90	01.90- 01.91	111492	12 1.4
Voyger 2.5 SE	01.90- 01.93	111193	14	90	01.90- 01.93	111492	12 1.4
Voyger 3.3 SE					01.91- 01.97	111492	12 1.4
Polaris							
MARINE							
Various Models				01.92-	112010	12	
				01.96- 01.07	113528	12	
Pontiac							
PASSENGER CARS EU							
Bonneville 3.8 V6	[L36]	09.91-	111220	14	105		
Grand Lemans						01.98- 12.99	112900 12 1.4
Trans Sport 3.4	[LA1]					03.97- 09.98	112900 12 1.4
PASSENGER CARS US							
6000 2.5		01.87- 01.88	110499	14	100/105		
		01.82- 01.82	110505	14	75		
		01.83- 01.86	110508	14	78		
		01.83- 01.83	110471	14	94		
6000 2.5 LE		01.87- 01.91	110499	14	100/105		
		01.82- 01.82	110505	14	75		
		01.83- 01.86	110508	14	78		
		01.83- 01.83	110471	14	94		
6000 2.8		01.85- 01.88	110492	14	108		
		01.82- 01.82	110505	14	75		
		01.83- 01.84	110508	14	78		
		01.83- 01.84	110471	14	94		
6000 2.8 LE		01.85- 01.89	110492	14	108		
		01.82- 01.82	110505	14	75		
		01.83- 01.84	110508	14	78		
		01.83- 01.84	110471	14	94		
6000 2.8 SE		01.86- 01.89	110492	14	108		
		01.86- 01.89	110508	14	78		
		01.86- 01.89	110471	14	94		
6000 2.8 STE		01.83- 01.84	110492	14	108		
		01.85- 01.88	110508	14	78		
		01.85- 01.88	110471	14	94		
6000 4.3		01.82- 01.83	110233	14	63		
		01.82- 01.83	110505	14	75		
		01.84- 01.85	110508	14	78		
		01.84- 01.85	110471	14	94		
6000 4.3 LE		01.82- 01.83	110233	14	63		
		01.82- 01.83	110505	14	75		
		01.84- 01.85	110508	14	78		
		01.84- 01.85	110471	14	94		
Acadian 1.6		01.76-	110492	14	108		
Acadian 1.6 S		01.80-	110492	14	108		
Astre 2.3		01.75- 01.76	110233	14	63		
		01.75- 01.76	110492	14	108		
		01.75- 01.76	110505	14	75		
Astre 2.3 S		01.75- 01.75	110233	14	63		
		01.75- 01.75	110492	14	108		
		01.75- 01.75	110505	14	75		
Astre 2.3 S Safari		01.75- 01.75	110233	14	63		
		01.75- 01.75	110492	14	108		
		01.75- 01.75	110505	14	75		
Astre 2.3 Safari		01.75- 01.76	110233	14	63		
		01.75- 01.76	110492	14	108		
		01.75- 01.76	110505	14	75		
Astre 2.3 SJ		01.75- 01.75	110233	14	63		
		01.75- 01.75	110492	14	108		
		01.75- 01.75	110505	14	75		
Astre 2.3 SJ Safari		01.75- 01.75	110233	14	63		
		01.75- 01.75	110492	14	108		
		01.75- 01.75	110505	14	75		
Astre 2.5		01.77- 01.77	110505	14	75		
Astre 2.5 Safari		01.77- 01.77	110505	14	75		
Bonneville 3.8		01.80- 01.82	110505	14	75		
		01.83- 01.83	110508	14	78		
		01.83- 01.83	110471	14	94		
Bonneville 3.8 Brougham		01.81- 01.86	110505	14	75		
		01.83- 01.83	110508	14	78		
		01.83- 01.83	110471	14	94		
Bonneville 3.8 LE		01.84- 01.86	110505	14	75		
		01.84- 01.86	110471	14	94		
		01.88- 01.91	111220	14	105		
Bonneville 3.8 SE		01.88- 01.91	111220	14	105		
Bonneville 3.8 SSE		01.88- 01.91	111220	14	105		
Bonneville 3.8 Super SSE		01.92- 01.93	111220	14	105		
Bonneville 3.8 Super SSEI		01.92- 01.93	111220	14	105		
Bonneville 4.1		01.82- 01.82	110505	14	75		
Bonneville 4.1 Brougham		01.82- 01.82	110505	14	75		
Bonneville 4.3		01.86- 01.86	110492	14	108		
		01.80- 01.81	110505	14	75		
		01.86- 01.86	110471	14	94		



Bonneville 4.3 Brougham	01.86- 01.86	110492	14	108			
	01.80- 01.81	110505	14	75			
	01.86- 01.86	110471	14	94			
Bonneville 4.3 LE	01.86- 01.86	110492	14	108			
	01.86- 01.86	110471	14	94			
Bonneville 4.9	01.77- 01.79	110505	14	75			
Bonneville 4.9 Brougham	01.77- 01.79	110505	14	75			
Bonneville 4.9 Safari	01.79- 01.80	110505	14	75			
Bonneville 5.0	01.81- 01.81	110505	14	75			
	01.83- 01.84	110471	14	94			
Bonneville 5.0 Brougham	01.81- 01.81	110505	14	75			
	01.83- 01.84	110471	14	94			
Bonneville 5.0 LE	01.84- 01.86	110505	14	75			
	01.84- 01.86	110471	14	94			
Bonneville 5.0 Safari	01.81- 01.81	110505	14	75			
Bonneville 5.7	01.80- 01.81	110505	14	75			
	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
Bonneville 5.7 Brougham	01.80- 01.81	110505	14	75			
	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
Bonneville 5.7 LE	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
Bonneville 5.7 Safari	01.80- 01.81	110505	14	75			
Bonneville 5.7	01.70- 01.70	110075	14	60	01.70- 01.70	110216	12 1.4
	01.78- 01.79	110233	14	63			
	01.77- 01.77	110505	14	75			
Bonneville 5.7 Brougham	01.78- 01.80	110233	14	63			
	01.77- 01.77	110505	14	75			
Bonneville 5.7 Safari	01.79- 01.80	110233	14	63			
	01.79- 01.80	110505	14	75			
Bonneville 6.4	01.63- 01.66	110075	14	60			
Bonneville 6.6	01.68- 01.71	110075	14	60	01.68- 01.71	110414	12
	01.73- 01.75	110505	14	75			
Bonneville 6.6 Brougham	01.76- 01.76	110505	14	75			
Bonneville 6.6 Safari	01.79- 01.79	110505	14	75			
Bonneville 6.9	01.63- 01.65	110075	14	60			
Bonneville 7.0	01.68- 01.69	110075	14	60	01.68- 01.69	110414	12
Bonneville 7.5	01.70- 01.71	110075	14	60			
	01.72- 01.72	110505	14	75			
Bonneville 7.5 Brougham	01.76- 01.76	110505	14	75			
Catalina 3.8	01.77- 01.81	110505	14	75			
Catalina 4.1	01.77-	110505	14	75			
Catalina 4.3	01.80- 01.81	110505	14	75			
Catalina 4.4	01.80-	110505	14	75			
Catalina 4.4 Safari	01.80-	110505	14	75			
Catalina 4.9	01.77- 01.79	110505	14	75			
Catalina 4.9 Safari	01.77- 01.79	110505	14	75			
Catalina 5.0	01.80-	110505	14	75			
Catalina 5.0 Safari	01.80-	110505	14	75			
Catalina 5.7	01.80- 01.81	110505	14	75			
Catalina 5.7 Safari	01.80- 01.81	110505	14	75			
Catalina 5.7	01.78- 01.79	110233	14	63			
	01.72- 01.73	110505	14	75			
	01.70- 01.71	110075	14	60			
Catalina 5.7 Safari	01.78- 01.80	110233	14	63			
	01.72- 01.73	110505	14	75			
Catalina 5.7 Ventura	01.70- 01.70	110075	14	60			
Catalina 6.4	01.63- 01.66	110075	14	60			
Catalina 6.6	01.72- 01.72	110505	14	75			
	01.68- 01.71	110075	14	60	01.68- 01.71	110216	12 1.4
Catalina 6.6 Brougham	01.71- 01.71	110505	14	75			
Catalina 6.6 Safari	01.71- 01.71	110505	14	75			
Catalina 6.6 Ventura	01.68- 01.70	110075	14	60			
Catalina 6.9	01.63- 01.66	110075	14	60			
Catalina 7.0	01.68- 01.69	110075	14	60			
Catalina 7.0 Ventura	01.68- 01.69	110075	14	60			
Catalina 7.5	01.72- 01.72	110505	14	75			
	01.70- 01.70	110075	14	60			
Catalina 7.5 Brougham	01.72- 01.72	110505	14	75			
Catalina 7.5 Safari	01.71- 01.71	110505	14	75			
Catalina 7.5 Ventura	01.70- 01.70	110075	14	60			
Executive 5.7	01.70- 01.70	110075	14	60			
Executive 5.7 Safari	01.70- 01.70	110075	14	60			
Executive 6.6	01.68- 01.70	110075	14	60			
Executive 6.6 Safari	01.68- 01.70	110075	14	60			
Executive 7.0	01.68- 01.69	110075	14	60			
Executive 7.0 Safari	01.68- 01.69	110075	14	60			
Executive 7.5	01.70- 01.70	110075	14	60			
Executive 7.5 Safari	01.70- 01.70	110075	14	60			
Fiero 2.5	01.84- 01.88	110505	14	75			
	01.84- 01.88	110471	14	94			
Fiero 2.5 SE	01.84- 01.87	110505	14	75			
	01.84- 01.87	110471	14	94			
Fiero 2.5 Sport	01.84- 01.87	110505	14	75			
	01.84- 01.87	110471	14	94			
Fiero 2.8	01.88- 01.88	110502	14	100/105			
Fiero 2.8 GT	01.85- 01.88	110233	14	63			
	01.85- 01.88	110505	14	75			
	01.85- 01.88	110471	14	94			
Fiero 2.8 SE	01.85- 01.87	110233	14	63			
	01.85- 01.87	110505	14	75			
	01.85- 01.87	110471	14	94			
Fiero 2.8 Sport	01.85- 01.85	110233	14	63			
	01.85- 01.85	110505	14	75			
	01.85- 01.85	110471	14	94			
Firebird 2.5	01.82- 01.85	110505	14	75			
	01.83-	110471	14	94			
Firebird 2.5 S/E	01.82- 01.84	110505	14	75			



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Firebird 2.8	01.85- 01.89	110492	14	108	01.85- 01.89	110216	12	1.4
	01.87- 01.89	110499	14	100/105				
	01.82- 01.84	110505	14	75				
	01.85- 01.89	110508	14	78				
	01.85- 01.89	110471	14	94				
Firebird 2.8 S/E	01.85- 01.86	110492	14	108	01.85- 01.86	110216	12	1.4
	01.82- 01.82	110505	14	75				
	01.83- 01.84	110508	14	78				
	01.85- 01.86	110471	14	94				
	01.90- 01.92	110499	14	100/105	01.90- 01.92	110216	12	1.4
Firebird 3.1	01.93- 01.95	111854	14	105				
Firebird 3.4	01.77- 01.77	110505	14	75				
	01.67- 01.67	110075	14	60	01.67- 01.67	110414	12	
	01.95- 01.97	112615	14	105				
Firebird 3.8 Esprit	01.77- 01.77	110505	14	75				
Firebird 3.8 Formula	01.81- 01.81	110505	14	75				
Firebird 4.1	01.70- 01.71	110505	14	75	01.70- 01.71	110216	12	1.4
	01.68- 01.69	110075	14	60	01.68- 01.69	110414	12	
Firebird 4.1 Esprit	01.75- 01.76	110505	14	75				
Firebird 4.3	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
					01.81- 01.81	111034	12	1.2
	01.80- 01.80	110492	14	108	01.80- 01.80	110216	12	1.4
	01.80- 01.80	110505	14	75				
	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
Firebird 4.3 Esprit					01.81- 01.81	111034	12	1.2
	01.80- 01.80	110492	14	108	01.80- 01.80	110216	12	1.4
	01.80- 01.80	110505	14	75				
	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
	01.80- 01.80	110505	14	75				
Firebird 4.3 Formula	01.81- 01.81	110233	14	63	01.81- 01.81	110216	12	1.4
	01.81- 01.81	110505	14	75				
	01.81-	110505	14	75				
Firebird 4.4	01.81-	110505	14	75				
Firebird 4.4 Esprit	01.81-	110505	14	75				
Firebird 4.4 Formula	01.81-	110505	14	75				
Firebird 4.4 Trans Am	01.81-	110505	14	75				
Firebird 4.9	01.77- 01.79	110505	14	75				
Firebird 4.9 Esprit	01.77- 01.79	110505	14	75				
Firebird 4.9 Formula	01.77- 01.79	110505	14	75				
Firebird 4.9 Trans Am	01.79- 01.81	110505	14	75				
Firebird 4.9 Turbo Formula	01.80- 01.81	110233	14	63	01.80- 01.81	110414	12	
	01.80- 01.81	110505	14	75				
	01.80- 01.81	110233	14	63	01.80- 01.81	111034	12	1.2
Firebird 4.9 Turbo Trans Am	01.80- 01.81	110505	14	75				
	01.80- 01.81	110233	14	63	01.80- 01.81	111034	12	1.2
	01.80- 01.81	110505	14	75				
Firebird 5.0	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
	01.87- 01.88	110498	14	100/105	01.87- 01.88	110216	12	1.4
	01.77- 01.78	110505	14	75				
	01.85- 01.87	110508	14	78				
	01.85- 01.87	110471	14	94				
	01.88- 01.90	110985	14	100/105				
	01.90- 01.92	112629	14	100/105				
	01.91- 01.92	112640	14	100/105				
	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
	01.77- 01.78	110505	14	75				
Firebird 5.0 Esprit	01.90- 01.92	112629	14	100/105				
	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
	01.77- 01.78	110505	14	75				
Firebird 5.0 Formula	01.90- 01.92	112629	14	100/105				
	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
	01.77- 01.78	110505	14	75				
	01.89- 01.90	110985	14	100/105				
	01.90- 01.92	112629	14	100/105				
	01.91- 01.92	112640	14	100/105				
Firebird 5.0 S/E	01.82- 01.84	110505	14	75				
	01.85- 01.86	110508	14	78				
	01.85- 01.86	110471	14	94				
	01.90- 01.92	112629	14	100/105				
	01.80- 01.80	110233	14	63	01.80- 01.80	111034	12	1.2
Firebird 5.0 Trans Am	01.85- 01.90	110492	14	108	01.85- 01.90	110216	12	1.4
	01.80- 01.80	110505	14	75				
	01.85- 01.86	110508	14	78				
	01.83- 01.84	110471	14	94				
	01.88- 01.89	110985	14	100/105				
	01.90- 01.92	112629	14	100/105				
	01.91- 01.92	112640	14	100/105				
Firebird 5.0 Trans Am GTA	01.89- 01.90	110985	14	100/105				
	01.90- 01.92	112629	14	100/105				
	01.91- 01.92	112640	14	100/105				
Firebird 5.3	01.67- 01.67	110075	14	60	01.67- 01.67	110414	12	
Firebird 5.7	01.87- 01.88	110498	14	100/105	01.87- 01.88	110216	12	1.4
	01.72- 01.76	110505	14	75				
	01.68- 01.71	110075	14	60	01.68- 01.71	110414	12	
	01.90- 01.92	112629	14	100/105				
Firebird 5.7 Esprit	01.70- 01.71	110505	14	75	01.70- 01.71	112897	12	1.7
	01.90- 01.92	112629	14	100/105				
Firebird 5.7 Firehawk	01.90- 01.92	112629	14	100/105				
Firebird 5.7 Formula	01.95- 01.97	112888	14	140				
	01.72- 01.76	110505	14	75				
	01.89- 01.92	110985	14	100/105				
	01.90- 01.92	112629	14	100/105				
	01.93- 01.95	112888	14	140				
Firebird 5.7 Trans Am	01.87- 01.92	110498	14	100/105	01.87- 01.92	110216	12	1.4
	01.70- 01.70	110505	14	75	01.70- 01.70	112906	12	1.7
	01.90- 01.92	112629	14	100/105				
	01.94- 01.94	112888	14	140				
Firebird 5.7 Trans Am GT	01.90- 01.92	112629	14	100/105				
Firebird 5.7 Trans Am GTA	01.89- 01.92	110985	14	100/105				
	01.90- 01.92	112629	14	100/105				
Firebird 6.6	01.74- 01.74	110505	14	75				
	01.67- 01.70	110075	14	60	01.67- 01.70	110414	12	
Firebird 6.6 Esprit	01.70- 01.71	110505	14	75	01.70- 01.71	112897	12	1.7
Firebird 6.6 Formula	01.70- 01.71	110505	14	75	01.70- 01.71	112897	12	1.7
Firebird 6.6 Trans Am	01.70- 01.70	110505	14	75				
Firebird 7.5 Esprit	01.71- 01.71	110505	14	75				
Firebird 7.5 Formula	01.71- 01.71	110505	14	75				
Firebird 7.5 Trans Am	01.71- 01.71	110505	14	75				



Firefly 1.0	01.87-	110965	14	50	01.87-	111310	12	0.8
	01.89-	110967	14	50				
	01.89-	111279	14	50				
Firefly 1.0 LE	01.91-	110967	14	50				
	01.91-	111279	14	50				
Firefly 1.0 Turbo	01.87-	110965	14	50	01.87-	111310	12	0.8
	01.89-	110967	14	50				
	01.89-	111279	14	50				
Firefly 1.3	01.99-	111279	14	50				
Grand Am 2.3	01.88- 01.88	110499	14	100/105	01.88- 01.88	112900	12	1.4
Grand Am 2.3 LE	01.88- 01.91	110499	14	100/105	01.88- 01.91	112900	12	1.4
Grand Am 2.3 SE	01.88- 01.95	110499	14	100/105				
Grand Am 2.5	01.85- 01.91	110471	14	94				
Grand Am 2.5 LE	01.85- 01.91	110508	14	78				
	01.85- 01.91	110471	14	94				
Grand Am 3.0	01.85- 01.85	110492	14	108	01.85- 01.85	110414	12	
	01.86- 01.87	110502	14	100/105				
	01.85- 01.85	110471	14	94				
Grand Am 3.0 LE	01.85- 01.85	110492	14	108	01.85- 01.85	110414	12	
	01.86- 01.87	110502	14	100/105				
	01.85- 01.85	110471	14	94				
Grand Am 3.0 SE	01.86- 01.87	110502	14	100/105				
Grand Am 3.8	01.79- 01.79	110505	14	75				
Grand Am 4.9	01.78- 01.80	110505	14	75				
Grand Am 5.0	01.78- 01.78	110505	14	75				
Grand Am 5.7	01.73- 01.73	110505	14	75				
Grand Am 6.6	01.73- 01.74	110505	14	75				
Grand Am 7.5	01.73- 01.73	110505	14	75				
Grand Lemans 3.3 LE	01.78-	110233	14	63	01.78-	110414	12	
Grand Lemans 3.8	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
					01.81- 01.81	110216	12	1.4
	01.77- 01.77	110505	14	75				
	01.83-	110508	14	78				
Grand Lemans 3.8 BR	01.82-	110505	14	75				
	01.83-	110508	14	78				
Grand Lemans 3.8 LE	01.81- 01.81	110233	14	63	01.81- 01.81	110216	12	1.4
	01.81- 01.81	110505	14	75				
Grand Lemans 3.8 Safari	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
	01.78- 01.81	110505	14	75				
Grand Lemans 4.1	01.75- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4
Grand Lemans 4.1 LE	01.77-	110505	14	75				
Grand Lemans 4.3	01.76- 01.76	110505	14	75				
Grand Lemans 4.3 Safari	01.80- 01.81	110505	14	75				
Grand Lemans 4.4	01.80-	110505	14	75				
Grand Lemans 4.4 BR	01.82-	110505	14	75				
Grand Lemans 4.4 LE	01.79-	110505	14	75				
Grand Lemans 4.4 SA	01.81-	110505	14	75				
Grand Lemans 4.9	01.77- 01.79	110505	14	75				
Grand Lemans 4.9 Safari	01.77- 01.79	110505	14	75				
Grand Lemans 5.0	01.77- 01.78	110505	14	75				
	01.83-	110471	14	94				
Grand Lemans 5.0 BR	01.76-	110505	14	75				
	01.83-	110471	14	94				
Grand Lemans 5.0 LE	01.81- 01.81	110505	14	75				
Grand Lemans 5.0 SA	01.78- 01.78	110505	14	75				
Grand Lemans 5.0 Safari	01.78- 01.78	110505	14	75				
Grand Lemans 5.7	01.82-	110505	14	75				
	01.83-	110508	14	78				
	01.83-	110471	14	94				
Grand Lemans 5.7	01.77- 01.77	110233	14	63	01.77- 01.77	110414	12	
	01.75- 01.75	110505	14	75				
Grand Lemans 5.7 LE	01.76- 01.76	110505	14	75				
Grand Lemans 5.7 SA	01.78- 01.78	110505	14	75				
Grand Lemans 5.7 Safari	01.77- 01.77	110233	14	63	01.77- 01.77	110414	12	
	01.77- 01.77	110505	14	75				
Grand Lemans 6.6	01.77- 01.77	110233	14	63	01.77- 01.77	110414	12	
	01.75- 01.75	110505	14	75				
Grand Lemans 6.6 Safari	01.77- 01.77	110233	14	63	01.77- 01.77	110414	12	
	01.75- 01.75	110505	14	75				
Grand Lemans 7.5	01.75- 01.76	110505	14	75				
Grand Prix 3.4	01.93-	110499	14	100/105				
Grand Prix 3.4 LE	01.92- 01.93	110499	14	100/105				
Grand Prix 3.8	01.78- 01.82	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83- 01.83	110471	14	94				
Grand Prix 3.8 Brougham	01.81- 01.86	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83- 01.83	110471	14	94				
Grand Prix 3.8 GT	01.97- 01.97	112615	14	105				
Grand Prix 3.8 LE	01.84- 01.87	110505	14	75				
	01.84- 01.87	110471	14	94				
Grand Prix 3.8 LJ	01.79- 01.79	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83- 01.83	110471	14	94				
Grand Prix 3.8 SE	01.97- 01.97	112615	14	105				
Grand Prix 3.8 SJ	01.79- 01.79	110505	14	75				
Grand Prix 3.8 Super GTP	01.97- 01.97	112615	14	105				
Grand Prix 4.1	01.82- 01.82	110505	14	75				
Grand Prix 4.1 Brougham	01.82- 01.82	110505	14	75				
Grand Prix 4.1 LJ	01.82- 01.82	110505	14	75				
Grand Prix 4.3	01.86- 01.87	110233	14	63				
	01.80- 01.81	110505	14	75				
	01.86- 01.87	110508	14	78				
	01.86- 01.87	110471	14	94				
Grand Prix 4.3 Brougham	01.86- 01.87	110233	14	63				
	01.81- 01.81	110505	14	75				
	01.86- 01.87	110508	14	78				
	01.86- 01.87	110471	14	94				



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Grand Prix 4.3 LE	01.86- 01.87	110233	14	63			
	01.86- 01.87	110505	14	75			
	01.86- 01.87	110508	14	78			
	01.86- 01.87	110471	14	94			
Grand Prix 4.3 LJ	01.80- 01.81	110505	14	75			
Grand Prix 4.4	01.81- 01.82	110505	14	75			
Grand Prix 4.4 Brougham	01.81- 01.82	110505	14	75			
Grand Prix 4.4 LJ	01.81- 01.82	110505	14	75			
Grand Prix 4.9	01.77- 01.79	110505	14	75			
Grand Prix 4.9 LJ	01.77- 01.79	110505	14	75			
Grand Prix 4.9 SJ	01.78- 01.80	110505	14	75			
Grand Prix 5.0	01.78- 01.78	110505	14	75			
	01.85- 01.86	110471	14	94			
Grand Prix 5.0 Brougham	01.83- 01.84	110505	14	75			
	01.83- 01.84	110471	14	94			
Grand Prix 5.0 LE	01.84- 01.87	110505	14	75			
	01.84- 01.87	110471	14	94			
Grand Prix 5.0 LJ	01.78- 01.78	110505	14	75			
Grand Prix 5.0 SJ	01.78- 01.78	110505	14	75			
Grand Prix 5.7	01.81- 01.82	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
Grand Prix 5.7 Brougham	01.81- 01.82	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
Grand Prix 5.7 LE	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
Grand Prix 5.7 LJ	01.81- 01.82	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
Grand Prix 5.7	01.77- 01.77	110233	14	63	01.77- 01.77	112900	12 1.4
	01.76- 01.76	110505	14	75			
Grand Prix 5.7 LJ	01.77- 01.77	110233	14	63	01.77- 01.77	112900	12 1.4
	01.77- 01.77	110505	14	75			
Grand Prix 6.4	01.62- 01.66	110075	14	60	01.62- 01.66	110414	12
Grand Prix 6.6	01.77- 01.77	110233	14	63	01.77- 01.77	112900	12 1.4
	01.72- 01.75	110505	14	75			
	01.68- 01.71	110075	14	60	01.68- 01.71	110414	12
Grand Prix 6.6 LJ	01.77- 01.77	110233	14	63			
	01.77- 01.77	110505	14	75			
Grand Prix 6.6 SJ	01.77- 01.77	110233	14	63			
	01.77- 01.77	110505	14	75			
Grand Prix 6.9	01.65-	110075	14	60	01.65-	110414	12
Grand Prix 7.0	01.68- 01.69	110075	14	60	01.68- 01.69	110414	12
Grand Prix 7.5	01.70- 01.71	110505	14	75			
Grand Safari 4.9	01.77- 01.78	110505	14	75			
Grand Safari 5.7	01.77- 01.78	110505	14	75			
Grand Safari 6.6	01.71- 01.71	110505	14	75			
Grand Safari 7.5	01.71- 01.71	110505	14	75			
Grandville 6.6	01.71- 01.71	110505	14	75			
Grandville 6.6 Brougham	01.75- 01.75	110505	14	75			
Grandville 7.5	01.71- 01.71	110505	14	75			
Grandville 7.5 Brougham	01.75- 01.75	110505	14	75			
GTO 3.5	01.64- 01.64	110075	14	60			
GTO 5.3	01.64- 01.66	110075	14	60			
GTO 5.7	01.70- 01.70	110075	14	60			
GTO 6.4	01.64- 01.66	110075	14	60			
GTO 6.6	01.67- 01.71	110075	14	60			
GTO 7.5	01.70- 01.71	110075	14	60			
J2000 1.8	01.82- 01.83	110505	14	75			
J2000 1.8 Sunbird	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
J2000 1.8 Sunbird LE	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
J2000 1.8 Turbo Sunbird	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
J2000 1.8 Turbo Sunbird LE	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
J2000 1.8 Turbo Sunbird SE	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
J2000 2.0	01.84- 01.84	110492	14	108			
J2000 2.0 Sunbird	01.84- 01.84	110492	14	108			
J2000 2.0 Sunbird LE	01.84- 01.84	110492	14	108			
Laurentian 3.8	01.80-	110233	14	63			
	01.81-	110505	14	75			
Laurentian 4.1	01.77-	110505	14	75			
Laurentian 4.3	01.81-	110505	14	75			
Laurentian 4.4	01.81-	110505	14	75			
Laurentian 4.4 Safari	01.81-	110505	14	75			
Laurentian 5.0	01.81-	110505	14	75			
Laurentian 5.0 Safari	01.81-	110505	14	75			
Laurentian 5.7	01.81-	110505	14	75			
Laurentian 5.7	01.77-	110505	14	75			
Laurentian 6.6	01.76-	110505	14	75			
Laurentian 7.5	01.76-	110505	14	75			
Lemans 3.3	01.78-	110233	14	63			
Lemans 3.3 Safari	01.79-	110233	14	63			
Lemans 3.5	01.64- 01.65	110075	14	60	01.64- 01.65	110414	12
Lemans 3.8	01.81- 01.81	110233	14	63			
	01.81- 01.81	110505	14	75			
	01.66- 01.67	110075	14	60	01.66- 01.67	110414	12
Lemans 3.8 Safari	01.80- 01.80	110233	14	63			
	01.80- 01.80	110505	14	75			
Lemans 3.8 Sport	01.77- 01.77	110505	14	75			
Lemans 4.1	01.77-	110505	14	75			
	01.68- 01.71	110075	14	60	01.68- 01.71	110414	12
Lemans 4.1 Safari	01.73- 01.73	110505	14	75			
	01.69- 01.69	110075	14	60	01.69- 01.69	111127	12 1.4
Lemans 4.1 Sport	01.77-	110505	14	75			
	01.70- 01.71	110075	14	60	01.70- 01.71	111127	12 1.4



Lemans 4.1 T37	01.71- 01.71	110075	14 60	01.71- 01.71	110414	12
Lemans 4.3	01.80- 01.81	110505	14 75			
Lemans 4.3 Safari	01.80- 01.81	110505	14 75			
Lemans 4.3 Sport	01.76- 01.76	110505	14 75			
Lemans 4.4	01.81-	110505	14 75			
Lemans 4.4 Safari	01.80-	110505	14 75			
Lemans 4.9	01.79- 01.80	110505	14 75			
Lemans 4.9 Safari	01.77- 01.79	110505	14 75			
Lemans 4.9 Sport	01.77- 01.77	110505	14 75			
Lemans 5.0	01.81- 01.81	110505	14 75			
Lemans 5.0 Safari	01.81- 01.81	110505	14 75			
Lemans 5.0 Sport	01.77- 01.77	110505	14 75			
Lemans 5.3	01.63- 01.67	110075	14 60	01.63- 01.67	110414	12
Lemans 5.7	01.77- 01.77	110233	14 63			
	01.77- 01.77	110505	14 75			
	01.68- 01.71	110075	14 60	01.68- 01.71	111127	12 1.4
Lemans 5.7 Safari	01.77- 01.77	110233	14 63			
	01.77- 01.77	110505	14 75			
	01.69- 01.69	110075	14 60	01.69- 01.69	111127	12 1.4
Lemans 5.7 Sport	01.77- 01.77	110233	14 63			
	01.77- 01.77	110505	14 75			
	01.70- 01.71	110075	14 60	01.70- 01.71	111127	12 1.4
Lemans 5.7 T37	01.71- 01.71	110075	14 60	01.71- 01.71	110414	12
Lemans 6.4	01.64- 01.65	110075	14 60	01.64- 01.65	110414	12
Lemans 6.6	01.77- 01.77	110233	14 63			
	01.77- 01.77	110505	14 75			
	01.68- 01.71	110075	14 60	01.68- 01.71	111127	12 1.4
Lemans 6.6 Safari	01.77- 01.77	110233	14 63			
	01.77- 01.77	110505	14 75			
	01.69- 01.69	110075	14 60	01.69- 01.69	111127	12 1.4
Lemans 6.6 Sport	01.77- 01.77	110233	14 63			
	01.77- 01.77	110505	14 75			
	01.70- 01.71	110075	14 60	01.70- 01.71	110216	12 1.4
Lemans 7.0	01.68- 01.69	110075	14 60	01.68- 01.69	111127	12 1.4
Lemans 7.0 Safari	01.69- 01.69	110075	14 60	01.69- 01.69	111127	12 1.4
Lemans 7.5	01.72- 01.76	110505	14 75			
	01.70- 01.70	110075	14 60	01.70- 01.70	111127	12 1.4
Lemans 7.5 Safari	01.73- 01.76	110505	14 75			
Lemans 7.5 Sport	01.74-	110505	14 75			
	01.70- 01.70	110075	14 60			
Montana 3.4				01.99- 01.02	112900	12 1.4
Parisienne 3.8	01.80-	110233	14 63	01.80-	110414	12
	01.81-	110505	14 75			
	01.84- 01.84	110508	14 78			
	01.83- 01.85	110471	14 94			
Parisienne 3.8 Brougham	01.83- 01.83	110233	14 63	01.83- 01.83	110414	12
	01.84- 01.84	110505	14 75			
	01.84- 01.84	110508	14 78			
	01.84- 01.84	110471	14 94			
Parisienne 4.1	01.78-	110505	14 75			
Parisienne 4.3	01.85- 01.86	110233	14 63	01.85- 01.86	110414	12
	01.85- 01.86	110492	14 108			
	01.85- 01.86	110505	14 75			
	01.85- 01.86	110471	14 94			
Parisienne 4.3 Brougham	01.85- 01.86	110233	14 63	01.85- 01.86	110414	12
	01.85- 01.86	110492	14 108			
	01.85- 01.86	110505	14 75			
	01.85- 01.86	110471	14 94			
Parisienne 4.4	01.80-	110505	14 75			
Parisienne 4.4 Brougham	01.82- 01.82	110505	14 75			
Parisienne 4.4 Safari	01.81-	110505	14 75			
Parisienne 5.0	01.84- 01.86	110233	14 63			
	01.78-	110505	14 75			
	01.86- 01.86	110508	14 78			
	01.86- 01.86	110471	14 94			
Parisienne 5.0 Brougham	01.84- 01.86	110233	14 63	01.84- 01.86	110414	12
	01.84- 01.86	110505	14 75			
	01.86- 01.86	110508	14 78			
	01.84- 01.86	110471	14 94			
Parisienne 5.0 Safari	01.80-	110505	14 75			
Parisienne 5.7	01.80-	110505	14 75			
	01.84- 01.85	110508	14 78			
	01.84- 01.85	110471	14 94			
Parisienne 5.7 Brougham	01.82- 01.82	110505	14 75			
	01.84- 01.85	110508	14 78			
	01.84- 01.85	110471	14 94			
Parisienne 5.7 Safari	01.80-	110505	14 75			
Parisienne 5.7	01.77-	110505	14 75			
Parisienne 5.7 Safari	01.80-	110505	14 75			
Parisienne 6.6	01.76-	110505	14 75			
Parisienne 7.5	01.76-	110505	14 75			
Phoenix 2.5	01.78- 01.78	110233	14 63	01.78- 01.78	110414	12
	01.78- 01.78	110505	14 75			
	01.83-	110471	14 94			
Phoenix 2.5 LE	01.84- 01.84	110505	14 75	01.84- 01.84	110216	12 1.4
	01.84- 01.84	110471	14 94			
Phoenix 2.5 LJ	01.78- 01.78	110233	14 63	01.78- 01.78	110414	12
	01.78- 01.78	110505	14 75			
	01.83-	110471	14 94			
Phoenix 2.8	01.80- 01.80	110505	14 75			
	01.84- 01.84	110508	14 78			
Phoenix 2.8 LE	01.84- 01.84	110505	14 75	01.84- 01.84	110216	12 1.4
	01.84- 01.84	110508	14 78			
Phoenix 2.8 LJ	01.80- 01.80	110505	14 75			
Phoenix 2.8 SE	01.84- 01.84	110505	14 75	01.84- 01.84	110216	12 1.4
	01.84- 01.84	110508	14 78			
Phoenix 2.8 SJ	01.82- 01.82	110505	14 75			
	01.83- 01.83	110508	14 78			
Phoenix 3.8	01.77- 01.77	110505	14 75	01.77- 01.77	110216	12 1.4
Phoenix 3.8 LJ	01.78- 01.79	110505	14 75			


PONTIAC Continued

Phoenix 5.0		01.77- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
Phoenix 5.0 LJ		01.78- 01.78	110505	14	75				
Phoenix 5.7		01.77- 01.77	110505	14	75				
Phoenix 5.7 LJ		01.78- 01.79	110505	14	75				
Safari 4.1		01.68- 01.70	110075	14	60	01.68- 01.70	110216	12	1.4
Safari 5.0		01.87- 01.89	110508	14	78				
		01.87- 01.89	110471	14	94				
Safari 5.7		01.68- 01.70	110075	14	60				
Safari 6.4		01.63- 01.65	110075	14	60				
Safari 6.6		01.70- 01.70	110075	14	60				
Safari 6.9		01.63- 01.65	110075	14	60				
Star Chief 6.4		01.63- 01.66	110075	14	60	01.63- 01.66	110216	12	1.4
Star Chief 6.9		01.63- 01.66	110075	14	60				
Sundbird 1.8		01.85- 01.86	110508	14	78				
		01.85- 01.86	110471	14	94				
Sundbird 1.8 GT		01.86- 01.86	110508	14	78				
		01.86- 01.86	110471	14	94				
Sundbird 1.8 LE		01.85- 01.85	110508	14	78				
		01.85- 01.85	110471	14	94				
Sundbird 1.8 SE		01.86- 01.86	110508	14	78				
		01.86- 01.86	110471	14	94				
Sundbird 1.8 Turbo		01.85- 01.86	110508	14	78				
		01.85- 01.86	110471	14	94				
Sundbird 1.8 Turbo GT		01.86- 01.86	110508	14	78				
		01.86- 01.86	110471	14	94				
Sundbird 1.8 Turbo LE		01.85- 01.85	110508	14	78				
		01.85- 01.85	110471	14	94				
Sundbird 1.8 Turbo SE		01.85- 01.86	110508	14	78				
		01.85- 01.86	110471	14	94				
Sundbird 2.3		01.76- 01.76	110233	14	63	01.76- 01.76	110414	12	
		01.76- 01.76	110492	14	108				
		01.76- 01.76	110505	14	75				
						01.76- 01.77	110216	12	1.4
Sundbird 2.5		01.77- 01.80	110505	14	75				
Sundbird 2.5 Safari		01.78- 01.79	110505	14	75				
Sundbird 3.8		01.76- 01.76	110505	14	75				
Sundbird 3.8 Safari		01.78- 01.79	110505	14	75				
Sundbird 5.0		01.78- 01.78	110505	14	75				
Sunfire 2.2						01.98- 01.98	112900	12	1.4
Sunrunner 1.6		01.94-	111279	14	50				
T1000 1.6		01.82- 01.87	110492	14	108				
Tempest 3.5		01.64- 01.65	110075	14	60				
Tempest 3.8		01.66- 01.67	110075	14	60				
Tempest 4.1		01.68- 01.70	110075	14	60	01.68- 01.70	110216	12	1.4
Tempest 4.1 Custom		01.68- 01.69	110075	14	60				
Tempest 5.3		01.63- 01.67	110075	14	60				
Tempest 5.7		01.68- 01.70	110075	14	60				
Tempest 5.7 Custom		01.68- 01.68	110075	14	60				
Tempest 6.4		01.64- 01.64	110075	14	60				
Tempest 6.6		01.68- 01.70	110075	14	60				
Tempest 6.6 Custom		01.68- 01.68	110075	14	60				
Tempest 7.0		01.69- 01.69	110075	14	60				
Tempest 7.0 Custom		01.69- 01.69	110075	14	60				
Trans Sport 3.4						01.98- 01.98	112900	12	1.4
Trans Sport 3.4 Montana						01.98- 01.98	112900	12	1.4
Trans Sport 3.8		01.92- 01.95	111220	14	105	01.92- 01.95	112900	12	1.4
Ventura 2.5		01.77- 01.77	110233	14	63				
		01.77- 01.77	110505	14	75				
Ventura 3.8		01.77- 01.77	110505	14	75				
Ventura 3.8 SJ		01.77- 01.77	110505	14	75				
Ventura 4.1		01.71- 01.71	110075	14	60	01.71- 01.71	110216	12	1.4
		01.72- 01.76	110505	14	75				
Ventura 4.1 Custom		01.73- 01.75	110505	14	75				
Ventura 4.1 S		01.75- 01.75	110505	14	75				
Ventura 4.1 SJ		01.75- 01.76	110505	14	75				
Ventura 4.3		01.75- 01.76	110505	14	75				
Ventura 4.3 Custom		01.75- 01.75	110505	14	75				
Ventura 4.3 S		01.75- 01.75	110505	14	75				
Ventura 4.3 SJ		01.75- 01.76	110505	14	75				
Ventura 4.9		01.77- 01.77	110505	14	75				
Ventura 4.9 SJ		01.77- 01.77	110505	14	75				
Ventura 5.0		01.71- 01.71	110075	14	60	01.71- 01.71	110216	12	1.4
		01.72- 01.72	110233	14	63				
		01.77- 01.77	110505	14	75				
Ventura 5.0 SJ		01.77- 01.77	110505	14	75				
Ventura 5.7		01.75- 01.75	110233	14	63	01.75- 01.75	110216	12	1.4
		01.72- 01.74	110505	14	75				
Ventura 5.7 Custom		01.75- 01.75	110233	14	63	01.75- 01.75	110216	12	1.4
		01.73- 01.75	110505	14	75				
Ventura 5.7 S		01.75- 01.75	110233	14	63	01.75- 01.75	110216	12	1.4
		01.75- 01.75	110505	14	75				
Ventura 5.7 SJ		01.75- 01.76	110233	14	63				
		01.75- 01.75	110505	14	75				
Porsche									
PASSENGER CARS EU									
911 3.3 Turbo S	[930.60]	09.86- 11.90	110931	14	70	09.86- 11.90	113845	12	1.5
911 3.3 Turbo SC	[930.60]	07.74- 01.83	110931	14	70	07.74- 01.83	113845	12	1.5
	[930.66]	08.82- 01.83	110931	14	70	08.82- 01.83	113845	12	1.5
911 3.4	[M96.02]	02.98- 09.01	116170	14	120	02.98- 09.01	114316	12	1.7
	[M96.04]	02.98- 09.01	115678	14	150	02.98- 09.01	113845	12	1.5
		02.98- 09.01	116170	14	120	02.98- 09.01	114316	12	1.7
911 3.4 Carrera	[M96.01]	09.97- 09.01	115678	14	150	09.97- 09.01	113845	12	1.5
		09.97- 09.01	115835	14	120	09.97- 09.01	114316	12	1.7
		09.97- 09.01	116170	14	120				
	[M96.04]	09.97- 09.01	115678	14	150	09.97- 09.01	113845	12	1.5
		09.97- 09.01	115835	14	120	09.97- 09.01	114316	12	1.7
		09.97- 09.01	116170	14	120				
911 3.4 Carrera 4	[M96.01]	09.97- 09.01	115678	14	150	09.97- 09.01	113845	12	1.5
		09.97- 09.01	115835	14	120	09.97- 09.01	114316	12	1.7
		09.97- 09.01	116170	14	120				



	[M96.04]	09.97- 09.01	115678	14	150	09.97- 09.01	113845	12	1.5
		09.97- 09.01	115835	14	120	09.97- 09.01	114316	12	1.7
		09.97- 09.01	116170	14	120				
911 3.6	[M96.03]	10.01- 08.05	115678	14	150	10.01- 08.05	113845	12	1.5
		10.01- 08.05	115835	14	120	10.01- 08.05	114316	12	1.7
		10.01- 08.05	116170	14	120				
	[M96.05]	07.04- 12.08	115678	14	150				
911 3.6 Carrera	[M64.05]					07.04- 12.08	113845	12	1.5
	[M64.06]					10.93- 08.95	116571	12	1.7
	[M64.07]					10.93- 08.95	116571	12	1.7
	[M64.08]					10.93- 08.95	116571	12	1.7
	[M64.21]					08.95- 09.97	116571	12	1.7
	[M64.22]					08.95- 09.97	116571	12	1.7
	[M64.23]					08.95- 09.97	116571	12	1.7
	[M64.24]					08.95- 09.97	116571	12	1.7
	[M96.05]	04.05-	115678	14	150	04.05-	113845	12	1.5
911 3.6 Carrera 2	[M64.01]						116571	12	1.7
	[M64.02]						116571	12	1.7
911 3.6 Carrera 4	[M64.01]						116571	12	1.7
	[M64.05]					07.94- 08.95	116571	12	1.7
	[M64.07]					07.94- 08.95	116571	12	1.7
	[M64.21]					08.95- 09.97	116571	12	1.7
	[M64.23]					08.95- 09.97	116571	12	1.7
	[M96.03]	10.01- 08.05	115678	14	150	10.01- 08.05	113845	12	1.5
		10.01- 08.05	115835	14	120	10.01- 08.05	114316	12	1.7
		10.01- 08.05	116170	14	120				
	[M96.05]	07.04-	115678	14	150	07.04-	113845	12	1.5
911 3.6 Carrera RS	[64.03]						116571	12	1.7
911 3.6 Carrera Targa	[M64.21]					08.95- 09.97	116571	12	1.7
	[M64.22]					08.95- 09.97	116571	12	1.7
	[M64.23]					08.95- 09.97	116571	12	1.7
	[M64.24]					08.95- 09.97	116571	12	1.7
911 3.6 GT2	[M96.70]	04.01- 08.05	115835	14	120	04.01- 08.05	113845	12	1.5
						10.03- 08.05	114316	12	1.7
911 3.6 GT2 4X4	[M64.60R]					08.95- 09.97	116571	12	1.7
911 3.6 GT3	[M96.76]	03.99- 08.05	116170	14	120	03.99- 08.05	114316	12	1.7
	[M96.79]	03.03- 08.05	116170	14	120	03.03- 08.05	114316	12	1.7
911 3.6 Targa	[M96.03]	12.01- 08.05	115835	14	120	12.01- 08.05	113845	12	1.5
		12.01- 08.05	116170	14	120	12.01- 08.05	114316	12	1.7
911 3.6 M96.05 Carrera 4	[M96.05]	04.05- 12.08	115678	14	150	04.05- 12.08	113845	12	1.5
911 3.6 S Carrera	[M96.03]	06.02- 08.05	115835	14	120	02.03-	113845	12	1.5
		06.02- 08.05	116170	14	120	06.02- 08.05	114316	12	1.7
		02.03-	115678	14	150				
911 3.6 S Carrera 4	[M96.03]	06.02- 08.05	115835	14	120	02.03- 08.05	113845	12	1.5
		06.02- 08.05	116170	14	120	06.02- 08.05	114316	12	1.7
		02.03- 08.05	115678	14	150				
911 3.6 Turbo	[M64.60]					03.95- 09.97	116571	12	1.7
	[M64.60R]					03.95- 09.97	116571	12	1.7
	[M96.70]	10.03- 08.05	115835	14	120	10.03- 08.05	114316	12	1.7
		10.03- 08.05	116170	14	120				
911 3.6 Turbo 4S	[M96.70]	10.03- 08.05	115835	14	120	10.03- 08.05	114316	12	1.7
		10.03- 08.05	116170	14	120				
911 3.6 Turbo S	[M96.70]	02.03- 08.05	115678	14	150	02.03- 08.05	113845	12	1.5
		02.03- 08.05	115835	14	120	02.03- 08.05	114316	12	1.7
		02.03- 08.05	116170	14	120				
911 3.8 4S	[M97.01]	09.05- 12.08	115678	14	150	09.05- 12.08	113845	12	1.5
911 3.8 Carrea RS	[M64.20]					06.95- 09.97	116571	12	1.7
	[M64.21S]					06.95- 09.97	116571	12	1.7
911 3.8 Carrera	[M64.21S]					08.95- 09.97	116571	12	1.7
	[M97.01]	11.06- 12.08	115678	14	150	11.06- 12.08	113845	12	1.5
911 3.8 Carrera 4S	[M97.01]	07.04-	115678	14	150	07.04-	113845	12	1.5
911 3.8 Carrera RS	[M64.21S]					08.95- 09.97	116571	12	1.7
911 3.8 Carrera RS 4	[M64.21S]					08.95- 09.97	116571	12	1.7
911 3.8 Carrera S	[M97.01]	04.05- 12.08	115678	14	150	04.05- 12.08	113845	12	1.5
911 3.8 Carrera Targa	[M64.20S]					05.96- 09.97	116571	12	1.7
911 3.8 S4	[M97.01]	04.05- 12.10	115678	14	150	04.05- 12.10	113845	12	1.5
914 1.7	[W]	07.74-	110931	14	70	07.74-	110363	12	0.7
914 1.8	[AN]					08.73- 08.74	110363	12	0.7
914 2.0	[GB]	07.74-	110931	14	70	07.74-	110363	12	0.7
924 2.0	[XJ]	11.75- 08.85	111139	14	75				
924 2.0 Turbo	[M31.01]	11.78- 06.80	111139	14	75				
	[M31.03]	06.80- 10.86	111139	14	75				
959 2.8	[959.50]					01.86- 04.91	113845	12	1.5
911 Speedster 3.6 Carrera	[M64.01]						116571	12	1.7
	[M64.02]						116571	12	1.7
911 Targa 3.6 Carrera	[M64.01]						116571	12	1.7
	[M64.02]						116571	12	1.7
911 Targa 3.6 Carrera 4	[M64.01]						116571	12	1.7
911 Targa 3.8 Carrera 4S	[M97.01S]	11.06- 12.08	115678	14	150	11.06- 12.08	114316	12	1.7
Boxster 2.5	[M96.20]	09.96- 08.99	116170	14	120	09.96- 08.99	114316	12	1.7
Boxster 2.7	[M96.22]	06.99- 12.02	116170	14	120	06.99- 12.02	115942	12	1.1
		08.99- 07.02	115835	14	120	08.99- 07.02	114316	12	1.7
	[M96.25]	11.04- 12.06	115678	14	150	11.04- 12.06	114316	12	1.7
Boxster 2.7 24V	[M96.23]	07.02-	115835	14	120	07.02-	114316	12	1.7
		07.02-	116170	14	120	07.02-	115942	12	1.1
Boxster 3.2	[M96.21]	08.99- 07.02	115835	14	120	08.99- 07.02	114316	12	1.7
		08.99- 07.02	116170	14	120				
Boxster 3.2 S	[M96.24]	07.02-	115835	14	120	07.02-	114316	12	1.7
		07.02-	116170	14	120	07.02-	115942	12	1.1
Carrera 5.7 GT	[M80.01]	07.03- 12.06	115678	14	150	07.03- 12.06	114316	12	1.7
Cayenne 3.0 Diesel	[M05.9E]					06.10-	116054	12	1.4 A49
	[MCN.RB]					06.10-	116054	12	1.4 A49
	[MCR.C]					06.11-	116000	12	2.0
	[MCR.CB]					06.10-	116000	12	2.0
Cayenne 3.0 TDi	[M05.9D]	02.09- 09.10	116515	14	220	02.09- 09.10	114477	12	1.7
Cayenne 3.2	[M02.2Y]	10.03- 09.07	116173	14	150	10.03- 09.07	115559	12	1.4
						10.03- 09.07	116039	12	1.7
Cayenne 3.6	[M55.01]					02.07-	116039	12	1.7
Cayenne 4.5 S	[M48.00]	09.02- 09.07	116190	12	190	09.02- 09.07	114477	12	1.7
Cayenne 4.5 Turbo	[M48.50]	09.02- 09.07	116190	12	190	09.02- 09.07	115559	12	1.4


PORSCHE Continued

Cayenne 4.5 Turbo S	[M48.50]	03.06- 09.07	116190	12	190	03.06- 09.07	114477	12	1.7
	[M48.50S]	01.04- 09.07	116190	12	190	01.04- 09.07	114477	12	1.7
Cayenne 4.8	[M48.51T]					02.07- 09.10	116568	12	2.0
Cayenne 4.8 S	[M48.01]					02.07- 09.10	116568	12	2.0
Cayenne 4.8 GTS	[M48.01G]					10.07- 09.10	116568	12	2.0
Cayenne 4.8 Turbo S	[M48.51]					02.07- 09.10	116568	12	2.0
Cayman 3.4 S	[M97.21]	11.05-	115678	14	150	11.05-	114316	12	1.7
Macan 2.0	[MCN.CC, MCY.NA]					07.14-	115394	12	1.1
	[MCY.NA]					07.14-	115394	12	1.1
Macan 3.0 Diesel	[MCT.BA]					02.14-	115948	12	2.2
	[MCT.BB]					02.14-	115948	12	2.2
	[MCT.BC]					02.14-	115948	12	2.2
Panamera 3.0 Hybrid	[MCG.EA]					03.11-	111911	12	1.4
	[MCG.FA]					03.11-	111911	12	1.4
PASSENGER CARS US									
911 3.0 SC		01.78- 01.79	110931	14	70				
911 3.3 Turbo	[930.6]	01.82- 01.82	110931	14	70				
	[930.66]	01.81- 01.85	110931	14	70				
911 3.6 Carrera	[M96.05]	08.04- 07.05	115678	14	150				
914 1.7						01.70- 01.71	110363	12	0.7
914 1.8						01.74- 01.75	110363	12	0.7
924 2.0		01.77- 01.79	111139	14	75				
924 2.0 Turbo		01.80- 01.80	111139	14	75				
928 4.5		01.81- 01.82	111139	14	75				
928 4.7 S		01.83- 01.84	111139	14	75				
930 3.3 Turbo		01.78- 01.79	110931	14	70				
Macan 3.0 Diesel						02.14-	115948	12	2.2
PASSENGER CARS AO									
911 3.6 S		08.04- 08.05	115835	14	120	08.04- 08.05	114316	12	1.7
		08.04- 08.05	116170	14	120				
911 3.8 Carrera S	[M97.01S]	08.05- 12.08	115678	14	150	08.05- 12.08	114316	12	1.7
911 3.8 Carrera S S4	[M97.01S]	08.05- 12.08	115678	14	150	08.05- 12.08	114316	12	1.7
Cayenne 3.0	[M06.EC, MCJ.TB]	04.11-	116515	14	220				
Cayenne 3.2 S4		08.03-	116173	14	150	08.03-	116039	12	1.7
Proton									
PASSENGER CARS EU									
Aeroback 1.5						01.91- 11.96	110315	12	0.9
Persona 315 1.5 GLi / GLSi	[4G15M]	03.96-	111309	14	75	03.96-	110315	12	0.9
Persona 315 1.5 GLSi	[G15B]	09.96-	111309	14	75	09.96-	110158	12	1.2
Persona 316 1.6	[4G92]	03.96-	111309	14	75				
Persona 316 1.6 GLXi	[4G92]	03.96-	111309	14	75	03.96-	110315	12	0.9
Persona 413 1.3	[4G13]					01.94-	110315	12	0.9
Persona 413 1.3 GLSi	[4G13]					01.94-	110315	12	0.9
Persona 415 1.5	[4G15]	01.94-	111309	14	75	01.94-	110315	12	0.9
Persona 416 1.6 GLXi	[4G92]	01.94-	111309	14	75	01.94-	110315	12	0.9
Persona 416 1.6 i	[4G92]	AT 12.95-	111309	14	75	12.95-	110315	12	0.9
Persona 420 2.0 Diesel	[4D68T]					09.96-	110809	12	2.0
						09.96-	111912	12	2.2
Persona 420 2.0 Diesel GLS	[4D68]					05.96-	110809	12	2.0
						05.96-	111912	12	2.2
Saloon 1.5						01.91- 11.96	110315	12	0.9
Puch (Steyr-Daimler)									
PASSENGER CARS EU									
230 GE 2.3	[M102.981]					04.82- 08.85	110862	12	1.5
	[M102.987]					09.85- 08.92	110862	12	1.5
250 GD 2.5	[OM602.930]					10.87- 12.92	114319	24	2.5
300 GD 3.0	[OM603.931]					09.89-	114319	24	2.5
G 290 td 2.9	[OM602.983]					07.97-	114319	24	2.5
Renault									
PASSENGER CARS EU									
19 1.8	[F3P707, F3P706]					04.92- 01.96	111251	12	1.1
Avantime 2.0 Turbo 16V	[F4R760]	09.01- 12.03	113245	14	125	09.01- 12.03	112475	12	2.1
	[F4R761]	09.01- 12.03	113245	14	125	09.01- 12.03	114814	12	0.9
Avantime 2.2 DCi	[G9T712]	12.01- 12.03	113245	14	125	12.01- 12.03	114814	12	0.9
Avantime 3.0 V6	[L7X720]					09.01- 05.03	115354	12	1.3
	[L7X721]					09.01- 05.03	115354	12	1.3
Captur 0.9 TCe 90	[H4B400]	06.13-	116095	14	90	06.13-	116367	12	1.7
Captur 1.2 TCe 120	[H5F408]	01.16-	116710	14	150				
	[H5F412]	01.16-	116710	14	150				
Captur 1.2 TCe	[H5F408]	02.18-	115356	14	150	02.18-	113897	12	1.4
		02.18-	115921	14	120	02.18-	116262	12	0.8
		02.18-	116240	14	125				
		02.18-	116710	14	150				
Captur 1.5 dCi	[K9K608]	06.13-	116363	14	120	06.13-	115624	12	1.2
	[K9K609]	06.13-	116363	14	120				
Captur 1.5 DCi 110	[K9K646]	01.15-	115903	14	120	01.15-	113897	12	1.4
		01.15-	116363	14	120	01.15-	115629	12	1.0
Clio 0.9 Tce 90	[H4B400]	01.14-	116095	14	90				
		01.14-	116240	14	125				
	[H4B408]	01.14-	116095	14	90				
		01.14-	116240	14	125				
Clio 0.9 TCe 75	[H4B408]	05.18-	116240	14	125				
Clio 0.9 TCe 90	[H4B400]	11.12-	116095	14	90				
Clio 0.9 TCe Grandtour 90	[H4B400]	01.13-	116095	14	90				
Clio 0.9 TCe 90	[H4B410]	08.15-	116095	14	90				
		08.15-	116240	14	125				
Clio 1.0		06.01- 04.05	113403	14	75	06.01- 04.05	113481	12	1.4
Clio 1.1 16V Hi-Flex	[D4F742]	07.08-	114131	14	90	07.08-	113927	12	1.4
		07.08-	115653	14	110				
		07.08-	116368	14	90				
Clio 1.1 Hi-Flex	[D4F740]	07.08-	114131	14	90	07.08-	113897	12	1.4
		07.08-	115653	14	110				
		07.08-	116368	14	90	VA			
Clio 1.1	[C1E700]	06.90- 03.96	111082	14	60	06.90- 03.96	110585	12	1.2
		06.90- 03.96	112728	14	55	06.90- 03.96	111641	12	0.7
	[D7F720]	03.98- 09.99	112165	14	75	03.98- 09.99	111251	12	1.1
	[D7F746]	09.98-	113403	14	75	09.98-	113481	12	1.4
Clio 1.1 LPG LPG	[D4F744]	01.14-	114131	14	90	01.14-	113927	12	1.4
		01.14-	115653	14	110				



Clio 1.2	[D4F742]	07.08-07.08-07.08-	114131 115653 116368	14 90 BO 14 110 14 90 VA	07.08-	113897	12 1.4
Clio 1.2 16V Hi-Flex	[D4F740]	07.08-07.08-07.08-	114131 115653 116368	14 90 BO 14 110 14 90 VA	07.08-	113897	12 1.4
	[D4F742]	07.08-07.08-07.08-	114131 115653 116368	14 90 BO 14 110 14 90 VA	07.08-	113897	12 1.4
Clio 1.2	[C3G720]	09.95- 03.96 09.95- 03.96	111082 112728	14 60 14 55	09.95- 03.96 09.95- 03.96	110585 111641	12 1.2 12 0.7
	[D7F720]	03.98- 09.99 09.98-	112165 113577	14 75 14 75	03.98- 09.99 09.98-	111251 114057	12 1.1 12 1.1
	[D7F726]	09.98- 10.99- 03.00	113577 112165	14 75 14 75	09.98- 10.99- 03.00	114057 111251	12 1.1 12 1.1
	[D7F730]	01.96- 09.98 04.96- 01.98	113577 112165	14 75 14 75	01.96- 09.98 04.96- 01.98	114095 111251	12 0.85 12 1.1
	[D7F746]	05.00- 09.98- 10.99 09.98-	113403 112165 113577	14 75 14 75 14 75	05.00- 09.98- 10.99 09.98-	113761 111251 114057	12 0.9 12 1.1 12 1.1
	[D7F764]	09.98- 09.98-	112165 113577	14 75 14 75	09.98- 09.98-	111251 114057	12 1.1 12 1.1
	[D7F766]	09.98- 09.98-	112165 113577	14 75 14 75	09.98- 09.98-	111251 114057	12 1.1 12 1.1
	[E7F706]	06.90- 02.98 01.91- 02.98	111325 112756	14 70 14 60	06.90- 02.98 01.91- 02.98	110585 111641	12 1.2 12 0.7
	[E7F708]	06.90- 02.98 06.90- 02.98	111325 112756	14 70 14 60	06.90- 02.98 06.90- 02.98	111251 111641	12 1.1 12 0.7
	[E7F750]	01.94- 02.98 01.94- 02.98	111325 112756	14 70 14 60	01.94- 02.98 01.94- 02.98	111251 111641	12 1.1 12 0.7
Clio 1.2 16V	[D4F706]	06.01- 06.01-	113403 115549	14 75 14 95	06.01-	113481	12 1.4
	[D4F712]	06.01- 06.01-	113403 115549	14 75 14 95	06.01-	113481	12 1.4
	[D4F714]	06.01- 06.01-	113403 115549	14 75 14 95	06.01-	113481	12 1.4
	[D4F722]	06.01- 06.01-	113403 115549	14 75 14 95	06.01-	113481	12 1.4
	[D4F728]	06.01- 06.01-	113403 115549	14 75 14 95	06.01-	113481	12 1.4
	[D4F740]	06.05- 06.05- 06.05-	113403 114131 115653 116368	14 75 14 90 BO 14 110 14 90 VA	06.05- 06.05- 06.05-	113481 113897	12 1.4 12 1.4
	[D4F764]	06.05- 06.05- 06.05- 06.05-	113403 114131 115653 116368	14 75 14 90 BO 14 110 14 90 VA	06.05- 06.05- 06.05- 06.05-	113481 113897	12 1.4 12 1.4
	[D4F784]	05.07- 05.07- 05.07-	114131 115653 116368	14 90 BO 14 110 14 90 VA	05.07-	113897	12 1.4
	[D4F786]	09.10- 09.10- 09.10-	114131 115653 116368	14 90 BO 14 110 14 90 VA	09.10-	113897	12 1.4
Clio 1.2 16V Grandtour	[D4F740]	11.12-	115653	14 110			
	[D4F786]	09.10- 09.10- 09.10-	114131 115653 116368	14 90 BO 14 110 14 90 VA	09.10-	113897	12 1.4
Clio 1.2 i	[C3G720]	09.95- 03.96 09.95- 03.96	111082 112728	14 60 14 55	09.95- 03.96 09.95- 03.96	110585 111641	12 1.2 12 0.7
Clio 1.2 LPG 16V	[D4F740]	11.12- 11.12- 11.12-	114131 115653 116368	14 90 BO 14 110 14 90 VA	11.12-	113927	12 1.4
Clio 1.2 TCe 120	[H5F412]	01.16-	116710	14 150			
Clio 1.2 Hi-Flex	[D4F742]	11.07- 12.09 11.07- 12.09 11.07- 12.09	114131 115653 116368	14 90 14 110 14 90	11.07- 12.09	113927	12 1.4
Clio 1.4	[E7J601]	01.91- 09.98 01.91- 09.98	112756 111325	14 60 14 70	01.91- 09.98 01.91- 09.98	111641 111251	12 0.7 12 1.1
	[E7J718]	06.90- 02.98 06.90- 02.98	111325 112756	14 70 14 60	06.90- 02.98 06.90- 02.98	111251 111641	12 1.1 12 0.7
	[E7J719]	06.90- 02.98 06.91- 02.98	112756 111325	14 60 14 70	06.90- 02.98 06.91- 02.98	111641 111251	12 0.7 12 1.1
	[E7J754]	06.90- 02.98 06.90- 02.98	111325 112756	14 70 14 60	06.90- 02.98 06.90- 02.98	111251 111641	12 1.1 12 0.7
Clio 1.4 16V	[K4J710]	08.00- 08.00-	112144 112199	14 98 14 75	08.00- 08.00-	112218 112295	12 1.0 12 1.7
	[K4J711]	08.00- 08.00-	112144 112199	14 98 14 75	08.00- 08.00-	111641 112295	12 0.7 12 1.7
	[K4J712]	10.99- 10.99- 10.99-	112199 112144	14 75 14 98	10.99- 10.99- 10.99-	112295 112218	12 1.7 12 1.0
	[K4J713]	10.99- 10.99- 10.99-	112199 112144	14 75 14 98	10.99- 10.99- 10.99-	112295 112218	12 1.7 12 1.0
	[K4J780]	06.05- 06.05-	114463 115382	14 120 14 120	06.05- 02.10-	113927 116262	12 1.4 12 0.8
Clio 1.4 i	[E7J601]	06.90- 02.98 06.90- 02.98	111325 112756	14 70 14 60	06.90- 02.98 06.90- 02.98	110585 111641	12 1.2 12 0.7
	[E7J710]	06.90- 02.98 06.90- 02.98	111325 112756	14 70 14 60	06.90- 02.98 06.90- 02.98	110585 111641	12 1.2 12 0.7
	[E7J711]	06.90- 02.98 06.90- 02.98	111325 112756	14 70 14 60	06.90- 02.98 06.90- 02.98	110585 111641	12 1.2 12 0.7
Clio 1.5 dCi	[K9K608]	11.12-	116363	14 120			
	[K9K700]	06.01- 06.01- AC 06.01-	112457 114673 113248	14 110 14 120 14 120	06.01- 06.01- 06.01-	111641 115640 115624	12 0.7 12 1.0 12 1.2

	[K9K702]	06.01- 06.01- 06.01- 10.03 06.01- 10.03 06.01- 10.03 06.01- 10.03	112457 113248 113862 113940 114673 116325	14 110 14 120 14 125 A49 14 110 A49 14 120 14 125		06.01- 06.01- 06.01- 10.03 06.01- 10.03 06.01- 10.03 06.01- 10.03	111641 113481 114057 113897 115629 115624	12 0.7 12 1.4 12 1.1 12 1.4 12 1.0 12 1.2
	[K9K704]	06.01- 12.06 06.01- AC 06.01-	112457 114673 113248	14 110 14 120 14 120		06.01- 12.06 06.01- 06.01- 06.01-	111641 115624 113481 115629	12 0.7 12 1.2 12 1.4 12 1.0
	[K9K710]	06.01- 10.04 06.01- 10.04 06.01- 10.04 06.01- 10.04	113862 113940 114673 116325	14 125 A49 14 110 A49 14 120 14 125		06.01- 10.04 06.01- 10.04 06.01- 10.04 06.01- 10.04	114057 113897 115629 115629	12 1.1 12 1.4 12 1.0 12 1.0
	[K9K712]	01.04- 01.04-	113940 113945	14 110 A49 14 150		01.04- 01.04-	113897	12 1.4 12 1.4
	[K9K714]	06.05- 06.05- 06.05-	114463 114721 116323	14 120 14 150 A49 14 150	A25	06.05- 06.05- 06.05-	116277 115640	12 0.9 12 1.0 12 1.0
	[K9K718]	02.07-	114673	14 120	A25	02.07-	115629	12 1.0
	[K9K740]	06.05- 06.05- 06.05-	114463 114721 116323	14 120 14 150 A49 14 150		06.05- 06.05- 06.05-	115341 115354	12 1.0 12 1.3 12 1.3
	[K9K752]	05.05- 10.06 06.05- 06.05-	114463 114721 116323	14 120 14 150 A49 14 150		05.05- 10.06 06.05- 02.10- 02.10-	115341 115442 116262 115640	12 1.0 12 0.8 12 0.8 12 1.0
	[K9K764]	06.05- 06.05- 06.05-	114463 114721 116323	14 120 14 150 A49 14 150		06.05- 06.05- 02.08- 02.08-	113927 115728 115341 115442	12 1.4 12 1.2 12 1.0 12 0.8
	[K9K766]	06.05- 06.05- 06.05-	114463 114721 116323	14 120 14 150 A49 14 150		06.05- 06.05- 02.08- 02.08-	113927 115842 115341 115442	12 1.4 12 1.0 12 1.0 12 0.8
	[K9K768]	06.05- 06.05- 06.05-	114463 114721 116323	14 120 14 150 A49 14 150		06.05- 06.05- 02.08- 02.08-	113927 115442 113932	12 1.4 12 0.8 12 0.85
	[K9K770]	08.10- 08.10- 08.10-	114463 114721 116323	14 120 14 150 A49 14 150	A25	08.10- 08.10- 08.10- 08.10-	116367 114814 115640 115698	12 1.7 12 0.9 12 1.0 12 1.1
	[K9K772]	06.05- 06.05- 06.05-	114463 114721 116323	14 120 14 150 A49 14 150		06.05- 06.05- 02.08- 08.10- 08.10-	113927 115442 115354 116262 115640	12 1.4 12 0.8 12 1.3 12 0.8 12 1.0
	[K9K830]	11.12- 11.12- 08.10- 12.14	115903 116234 114721	14 120 14 125 14 150				
		08.10- 12.14	116323	14 150				
Clio 1.5 DCi 110	[K9K646]	06.16-	116363	14 120				
Clio 1.5 DCi 75	[K9K612]	01.14-	116234	14 125				
Clio 1.5 DCi 90	[K9K608]	01.14- 01.14-	116234 116363	14 125 14 120				
Clio 1.5 dCi Grandtour	[K9K608]	11.12-	116363	14 120				
	[K9K612]	11.12- 11.12-	113987 116363	14 140 14 120		11.12-	113897	12 1.4
Clio 1.5 Diesel	[K9K714]	08.04- 08.04- 08.04- 08.04- 08.04-	113862 113940 113945 114463 116325	14 125 A49 14 110 A49 14 150 14 120 14 125		08.04- 08.04- 08.04- 08.04-	113897 114814	12 1.4 12 0.9
Clio 1.6 Hi-Flex	[K4M748]	01.05- 02.10 01.05- 02.10	112144 112199	14 98 14 75	A13	01.05- 02.10 01.05- 02.10	111641 112295	12 0.7 12 1.7
Clio 1.6	[K7M744]	10.99- AC 10.99-	112199 112144	14 75 14 98		10.99- 10.99- 10.99-	112218 111641	12 1.0 12 0.7
	[K7M745]	10.99- AC 10.99-	112199 112144	14 75 14 98		10.99- 10.99-	112218 111641	12 1.0 12 0.7
Clio 1.6 Flex		05.00- 12.06 05.00- 12.06	112199 112144	14 75 14 98		05.00- 12.06 05.00- 12.06	112295 111641	12 1.7 12 0.7
Clio 1.6 16V	[K4M708]	08.00- 08.00-	112144 112199	14 98 14 75		08.00- 08.00-	112218 112295	12 1.0 12 1.7
	[K4M740]	09.98- 09.98-	112144 112199	14 98 14 75		09.98- 09.98-	111641 112295	12 0.7 12 1.7
	[K4M742]	09.98- 09.98-	112144 112199	14 98 14 75		09.98- 09.98-	111641 112295	12 0.7 12 1.7
	[K4M743]	09.98- 09.98-	112144 112199	14 98 14 75		09.98- 09.98-	111641 112218	12 0.7 12 1.0
	[K4M744]	09.98- 09.98-	112144 112199	14 98 14 75		09.98- 09.98-	111641 112218	12 0.7 12 1.0
	[K4M745]	09.98- 09.98-	112144 112199	14 98 14 75		09.98- 09.98-	111641 112218	12 0.7 12 1.0
	[K4M748]	09.98- 09.98-	112144 112199	14 98 14 75		09.98- 09.98-	112218 111251	12 1.0 12 1.1
	[K4M800]	06.05- 06.05- 06.05-	112144 114463 115382	14 98 14 120 14 120		06.05- 06.05- 06.05-	111641 113927	12 0.7 12 1.4
	[K4M801]	06.05- 06.05-	114463 115382	14 120 14 120	A25	06.05- 02.08-	113927 116277	12 1.4 12 0.9
	[K4M804]	06.05- 06.05- 06.05-	112144 114463 115382	14 98 14 120 14 120		06.05- 06.05-	112218 113927	12 1.0 12 1.4
	[K4M862]	11.08-	115411	14 110				
Clio 1.6 16V GT	[K4M862]	06.09-	115411	14 110				
Clio 1.9 Diesel	[F8Q630]	03.98- AC 03.98-	111718 112059	14 75 14 110		03.98-	111251	12 1.1
	[F8Q730]	06.90- 04.91	112769	14 60		06.90- 04.91	111641	12 0.7
	[F8Q732]	06.90- 04.91	112769	14 60		06.90- 04.91	111641	12 0.7



Clio 1.9 DTi	[F9Q780]	02.00-11.99-	112470	14	110	02.00-11.99-	111641	12	0.7
			111718	14	75		111251	12	1.1
Clio 2.0 16V	[F4R736]	06.01-06.01-	111718	14	75	06.01-	111251	12	1.1
		AC	112059	14	110				
Clio 2.0 16V Sport	[F4R730]	02.00-	112059	14	110	02.00-	111251	12	1.1
	[F4R738]	01.04-	111718	14	75	01.04-	111251	12	1.1
Clio Grandtour 0.9 Tce 90	[H4B400]	01.14-01.14-	116095	14	90	A25 01.14-	116367	12	1.7
			116240	14	125				
Clio Grandtour 1.5 DCi 110	[K9K646]	06.16-06.16-	115903	14	120	06.16-	113897	12	1.4
			116297	14	150	06.16-	116262	12	0.8
			116363	14	120				
Clio Grandtour 1.5 DCi 75	[K9K612]	01.14-01.14-	115903	14	120	01.14-	113897	12	1.4
			116095	14	90	01.14-	116367	12	1.7
			116297	14	150	01.14-	116262	12	0.8
Clio Grandtour 1.5 DCi 90	[K9K608]	01.14-01.14-	115903	14	120	01.14-	113897	12	1.4
			116297	14	150	A25 01.14-	115629	12	1.0
Clio Hatchback Van 1.5 Dci dCi (S83M)	[K9K740]	06.05-12.10	113940	14	110 A49	06.05-12.10	113897	12	1.4
			114463	14	120				
			116048	14	110				
Duster 1.5 DCi 110	[K9K658]	07.19-07.19-	115431	14	150 A49	07.19-	113897	12	1.4
			115651	14	210	07.19-	115361	12	1.0
			116355	14	150	07.19-	115698	12	1.1
			116562	14	120				
Duster 1.6 SCe 115 4x4 (HMM1)	[H4M738]	07.19-	116240	14	125	07.19-	116367	12	1.7
Espace 1.6 dCi 130	[R9M409]	06.15-06.15-	116743	14	185				
			116561	14	185				
Espace 1.6 dCi 160	[R9M452]	06.15-06.15-	116743	14	185				
			116561	14	185				
Espace 1.9 DCi	[F9Q680]	11.02-	113994	14	155	11.02-	114814	12	0.9
	[F9Q820]	11.02-	113994	14	155	11.02-	114814	12	0.9
	[F9Q826]	11.02-	113994	14	155	11.02-	114814	12	0.9
Espace 1.9 DTi	[F9Q722]	AC 02.99-AC 02.99-	111719	14	120	02.99-	111063	12	1.2
			112458	14	120 A47	02.99-	112474	12	1.8
Espace 2.0 DCi	[M9R740]	01.06-01.06-	114509	14	150	01.06-	115686	12	1.4
			114670	14	210				
			116216	14	210				
	[M9R750]	01.06-01.06-	114509	14	150	01.06-	115698	12	1.1
			114670	14	210				
			116216	14	210				
	[M9R760]	01.06-01.06-	114509	14	150	01.06-	115686	12	1.4
			114670	14	210				
			116216	14	210				
	[M9R761]	01.06-01.06-	114509	14	150	01.06-	115698	12	1.1
			114670	14	210				
			116216	14	210				
	[M9R762]	01.06-01.06-	114509	14	150				
			114670	14	210				
			116216	14	210				
	[M9R763]	01.06-01.06-	114509	14	150				
			114670	14	210				
			116216	14	210				
	[M9R802]	01.06-01.06-	114509	14	150	01.06-	115698	12	1.1
			114670	14	210				
			116216	14	210				
	[M9R815]	01.06-01.06-	114509	14	150	01.06-	115698	12	1.1
			114670	14	210				
			116216	14	210				
Espace 2.0	[F3R728]	PS 11.96-10.00-AC 11.96-10.00-	111722	14	75	11.96-10.00	111063	12	1.2
			112679	14	110	11.96-10.00	112475	12	2.1
	[F3R729]	PS 11.96-10.00-AC 11.96-10.00-	111722	14	75	11.96-10.00	111063	12	1.2
			112679	14	110	11.96-10.00	112475	12	2.1
	[F3R742]	11.96-10.00	113403	14	75	11.96-10.00	114074	12	2.2
	[F3R768]	11.96-10.00	113403	14	75	11.96-10.00	114074	12	2.2
	[F3R769]	11.96-10.00	113403	14	75	11.96-10.00	114074	12	2.2
	[F4R700]	AC 09.01-10.02	112144	14	98	09.01-10.02	112474	12	1.8
	[F4R701]	09.01-10.02	112144	14	98	09.01-10.02	112474	12	1.8
	[F4R790]	11.02-02.05	113994	14	155	11.02-02.05	114814	12	0.9
	[F4R792]	11.02-	113994	14	155	11.02-	114814	12	0.9
	[F4R796]	04.05-	113994	14	155	04.05-	114814	12	0.9
	[F4R797]	04.05-	113994	14	155	04.05-	114814	12	0.9
	[F4R896]	04.05-	113994	14	155	04.05-	114161	12	2.4
	[F4R897]	04.05-	113994	14	155	04.05-	114814	12	0.9
	[J7R768]	AC 04.91-10.96	111319	14	105	04.91-10.96	111063	12	1.2
Espace 2.0 16V	[F4R700]	10.98-10.98-	112144	14	98	A42 10.98-	111063	12	1.2
			112199	14	75				
		AC 10.98-	111718	14	75				
	[F4R701]	AC 07.00-10.02	112144	14	98	07.00-10.02	112541	12	2.2
Espace 2.0 Turbo	[F4R794]	11.02-	113994	14	155	11.02-	114074	12	2.2
	[F4R795]	11.02-	113994	14	155	11.02-	114814	12	0.9
	[F4R796]	11.02-	113994	14	155	11.02-	114814	12	0.9
	[F4R797]	11.02-	113994	14	155	11.02-	114161	12	2.4
	[F4R896]	06.05-	113994	14	155	06.05-	114526	12	2.0
	[F4R897]	06.05-	113994	14	155	06.05-	114526	12	2.0
Espace 2.1 Diesel	[J8S772, J8S610]	06.92-10.96	111319	14	105	06.92-10.96	111063	12	1.2
Espace 2.1 TD	[J8S610]	AC 06.92-08.96	111319	14	105	06.92-08.96	111251	12	1.1
	[J8S612]	AC 11.94-08.96	111319	14	105	11.94-08.96	111251	12	1.1
	[J8S772]	AC 01.91-10.93	111319	14	105	01.91-10.93	111251	12	1.1
	[J8S776]	AC 01.91-08.96	111319	14	105	01.91-08.96	111251	12	1.1
	[J8S778]	AC 06.92-08.96	111319	14	105	06.92-08.96	111251	12	1.1
Espace 2.2 DCi	[G9T642]	10.00-10.00-	112471	14	125	10.00-	112475	12	2.1
			113245	14	125	10.00-	114074	12	2.2
	[G9T710]	10.00-10.00-	112471	14	125	10.00-	112475	12	2.1
			113245	14	125	10.00-	114074	12	2.2
	[G9T742]	11.02-	113994	14	155	11.02-	114814	12	0.9
	[G9T743]	11.02-	113994	14	155	11.02-	114814	12	0.9
Espace 2.2 TD	[G8T714]	11.96-10.02	112679	14	110	11.96-10.02	112475	12	2.1
	[G8T716]	11.96-10.02	112679	14	110	11.96-10.02	113481	12	1.4
	[G8T760]	11.96-10.00	112679	14	110	11.96-10.00	114074	12	2.2
Espace 2.2	[J7T772]	AC 01.91-10.96	111319	14	105	01.91-10.96	111063	12	1.2



RENAULT Continued

	[J7T773]	AC	01.91- 10.96	111319	14	105	01.91- 10.96	111063	12	1.2
	[J7T776]	AC	05.93- 10.96	111319	14	105	05.93- 10.96	111063	12	1.2
Espace 2.2 4x4	[J7T772]	AC	03.91- 12.96	111319	14	105	03.91- 12.96	111063	12	1.2
	[J7T773]	AC	03.91- 12.96	111319	14	105	03.91- 12.96	111063	12	1.2
Espace 2.2	[J7T772]		06.92- 10.96	111319	14	105	06.92- 10.96	111063	12	1.2
Espace 3.0 dCi	[P9X701]		09.05-	115704	14	150				
			09.05-	116660	14	150				
	[P9X715]		09.05-	115704	14	150				
			09.05-	116660	14	150				
Espace 3.5 V6	[V4Y711]		11.02-	114301	14	150	11.02-	114161	12	2.4
Fluence 1.5 DCi	[K9K826]		07.14-	114463	14	120	07.14-	113897	12	1.4
			07.14-	114721	14	150 A49	07.14-	115361	12	1.0
			07.14-	115651	14	210				
			07.14-	116323	14	150				
			07.14-	116562	14	120				
	[K9K830]		02.10-	114721	14	150 A49	02.10-	113932	12	0.85
			02.10-	116323	14	150				
			02.10-	116562	14	120				
	[K9K832]		06.05-	114721	14	150 A49	06.05-	113932	12	0.85
			06.05-	115651	14	210				
			06.05-	116323	14	150				
	[K9K834]		02.10-	114721	14	150 A49	02.10-	113897	12	1.4
			02.10-	116323	14	150				
	[K9K836]		02.10-	114721	14	150 A49	02.10-	113932	12	0.85
			02.10-	115651	14	210				
			02.10-	116323	14	150				
			02.10-	116562	14	120				
	[K9K837]		02.10-	114721	14	150 A49	02.10-	113932	12	0.85
			02.10-	115651	14	210				
			02.10-	116323	14	150				
			02.10-	116562	14	120				
Fluence 1.6 DCi	[R9M402]		07.14-	114826	14	185 A49	07.14-	115829	12	2.0
			07.14-	116324	14	185				
			07.14-	116710	14	150				
Fluence 1.6 16V	[K4M838]		02.10-	114463	14	120	02.10-	113897	12	1.4
	[K4M839]		02.10-	114463	14	120	02.10-	113897	12	1.4
			02.10-	115382	14	120				
Fluence 1.6 LPG 16V	[K4M839]		01.12-	114463	14	120	01.12-	113897	12	1.4
Fuego 1.6	[A2M723]		04.83- 10.85	111082	14	60	04.83- 10.85	110856	12	0.6
Fuego 2.0	[829710]						10.80- 10.85	111063	12	1.2
	[J6R710]						10.80- 10.85	111063	12	1.2
	[J6R712]						10.80- 10.85	111063	12	1.2
	[J6R713]						10.80- 10.85	111063	12	1.2
	[J6R715]						10.80- 10.85	111063	12	1.2
	[J6R726]						10.80- 10.85	111063	12	1.2
Grand 1.2 TCe	[H5F408]		07.14-	115356	14	150	07.14-	116262	12	0.8
			07.14-	115921	14	120	07.14-	115629	12	1.0
			07.14-	116174	14	90				
			07.14-	116710	14	150				
Grand 1.3 TCe 160	[H5H470]		09.18-	116225	14	150				
Grand Kangoo 1.2 TCe TCe 115	[H5F400]		07.13-	115356	14	150	07.13-	115629	12	1.0
			07.13-	115921	14	120				
			07.13-	116710	14	150				
	[H5F408]		07.13-	116710	14	150				
Grand Kangoo 1.5 dCi	[K9K608]		11.12-	114721	14	150 A49	11.12-	113897	12	1.4
			11.12-	116323	14	150				
	[K9K802]		11.12-	114721	14	150 A49	11.12-	113897	12	1.4
			11.12-	116323	14	150				
	[K9K804]		02.08-	114721	14	150 A49	02.08-	113897	12	1.4
			02.08-	116323	14	150				
	[K9K808]		11.12-	114721	14	150 A49	11.12-	113897	12	1.4
			11.12-	116323	14	150				
Grand Kangoo 1.5 DCi 110	[K9K636]		03.13-	114463	14	120	03.13-	113897	12	1.4
			03.13-	115431	14	150 A49				
			03.13-	116355	14	150				
			03.13-	116562	14	120				
Grand Kangoo 1.6 LPG	[K4M834]		12.08-	114882	14	110	12.08-	113932	12	0.85
Grand Sc2nic 1.4 TCe TCe 160 (R9NC)	[H5H470]		01.22-	116225	14	150				
Grand Scénic 1.2 TCe 115	[H5F408]		09.16-	116240	14	125				
			09.16-	116710	14	150				
Grand Scénic 1.2 TCe 130	[H5F408]		09.16-	116240	14	125				
			09.16-	116710	14	150				
Grand Scénic 1.2 TCe	[H5F400]		04.12-	115356	14	150				
			04.12-	115921	14	120				
			04.12-	116710	14	150				
	[H5F404]		01.13-	115356	14	150				
			01.13-	115921	14	120				
			01.13-	116174	14	90				
			01.13-	116710	14	150				
Grand Scénic 1.3 TCe 115	[H5H450]		01.18-	116225	14	150				
Grand Scénic 1.3 TCe 140	[H5H450]		01.18-	116225	14	150				
Grand Scénic 1.3 TCe 160	[H5H450]		01.18-	116225	14	150				
Grand Scénic 1.5 DCi	[K9K636]		04.09-	114463	14	120				
			04.09-	114721	14	150 A49				
			04.09-	115651	14	210				
			04.09-	116323	14	150				
			04.09-	116562	14	120				
	[K9K728]		04.04-	113940	14	110 A49	04.04-	113897	12	1.4
			04.04-	113945	14	150	04.04-	114869	12	1.4
	[K9K729]		04.04-	113940	14	110 A49	04.04-	113932	12	0.85
			04.04-	113945	14	150	04.04-	114814	12	0.9
	[K9K734]		06.06- 11.08	114354	14	150				
			06.06- 11.08	115650	14	210				
			06.06- 11.08	115651	14	210				
	[K9K830]		04.09-	114721	14	150 A49				
			04.09-	116323	14	150				
	[K9K832]		02.09-	113940	14	110 A49	02.09-	115341	12	1.0
			02.09-	113945	14	150	02.09-	115829	12	2.0
			02.09-	115651	14	210				



	[K9K836]	04.09-	114463	14 120			
		04.09-	114721	14 150 A49			
		04.09-	115651	14 210			
		04.09-	116323	14 150			
		04.09-	116562	14 120			
	[K9K837]	04.09-	114463	14 120			
		04.09-	114721	14 150 A49			
		04.09-	115651	14 210			
		04.09-	116323	14 150			
		04.09-	116562	14 120			
	[K9K846]	11.10-	114463	14 120			
		11.10-	114721	14 150 A49			
		11.10-	115651	14 210			
		11.10-	116323	14 150			
		11.10-	116562	14 120			
	[K9KP732]	05.05-	113940	14 110 A49	05.05-	113932	12 0.85
		08.07-	113945	14 150	08.07-	116367	12 1.7
		08.07-	114354	14 150			
		08.07-	115650	14 210			
		08.07-	115651	14 210			
Grand Scénic 1.5 DCi 110	[K9K646]	09.16-	116381	14 150			
	[K9K647]	09.16-	116381	14 150			
Grand Scénic 1.5 DCi 110 Hybrid Assist	[K9K500]	04.17-	116381	14 150			
Grand Scénic 1.6 E85	[K4M866]	02.09-	116233	14 150			
Grand Scénic 1.6 DCi	[R9M402]	04.11-	114826	14 185 A49			
		04.11-	116324	14 185			
		04.11-	116710	14 150			
	[R9M404]	04.11-	114826	14 185 A49			
		04.11-	116324	14 185			
		04.11-	116710	14 150			
Grand Scénic 1.6 DCi 130	[R9M409]	09.16-	116743	14 185			
		09.16-	116561	14 185			
Grand Scénic 1.6 DCi 160	[R9M452]	09.16-	116743	14 185			
		09.16-	116561	14 185			
Grand Scénic 1.6 Flexfuel	[K4M866]	02.09-	115382	14 120			
Grand Scénic 1.6	[K4M761]	04.04-	113940	14 110 A49	04.04-	113897	12 1.4
		04.04-	113945	14 150	04.04-	114814	12 0.9
		04.04-	115766	14 110			
	[K4M782]	04.04-	113940	14 110 A49	04.04-	113897	12 1.4
		04.04-	113945	14 150	04.04-	114869	12 1.4
		04.04-	115766	14 110			
	[K4M788]	06.06-	113940	14 110 A49	06.06-	113932	12 0.85
		06.06-	113945	14 150	06.06-	115829	12 2.0
		06.06-	115766	14 110			
Grand Scénic 1.6 16V Bifuel	[K4M866]	04.12-	116233	14 150			
Grand Scénic 1.6 16V	[K4M858]	02.09-	115382	14 120			
Grand Scénic 1.9 dCi	[F9Q803]	05.05- 01.09	112144	14 98	05.05- 01.09	112474	12 1.8
		05.05- 01.09	113919	14 125	05.05- 01.09	113897	12 1.4
		05.05- 01.09	113994	14 155	05.05- 01.09	115842	12 1.0
	[F9Q804]	05.05- 01.09	115649	14 150			
		05.05- 01.09	112144	14 98	05.05- 01.09	112474	12 1.8
		05.05- 01.09	113919	14 125	05.05- 01.09	113897	12 1.4
	[F9Q812]	05.05- 01.09	113994	14 155	05.05- 01.09	115728	12 1.2
		05.05- 01.09	115649	14 150			
		04.04-	113718	14 70	04.04-	112474	12 1.8
	[F9Q816]	04.04-	113919	14 125	04.04-	114074	12 2.2
		04.04-	113994	14 155	04.04-	115842	12 1.0
		04.04-	115649	14 150	05.05- 01.09	113897	12 1.4
	[F9Q818]	05.05- 01.09	112144	14 98	05.05- 01.09	115685	12
		05.05-	113718	14 70	05.05-	112474	12 1.8
		05.05-	113919	14 125	05.05-	113897	12 1.4
	[F9Q870]	05.05-	113994	14 155	05.05-	115842	12 1.0
		05.05-	114039	14 120 A49	05.05-	115629	12 1.0
		05.05-	115649	14 150			
	[F9Q872]	05.05-	113718	14 70	05.05-	112474	12 1.8
		05.05-	113919	14 125	05.05-	113897	12 1.4
		05.05-	113994	14 155	05.05-	115728	12 1.2
	[F9Q877]	05.05-	115649	14 150			
		05.05-	113718	14 70	05.05-	112474	12 1.8
		05.05-	113919	14 125	05.05-	113897	12 1.4
	[F9Q880]	05.05-	113994	14 155	05.05-	115728	12 1.2
		05.05-	115649	14 150			
		05.05-	113718	14 70	05.05-	112474	12 1.8
	[F9Q883]	05.05-	113919	14 125	05.05-	113897	12 1.4
		05.05-	113994	14 155	05.05-	115728	12 1.2
		05.05-	115649	14 150			
Grand Scénic 2.0 DCi	[M9R610]	04.09-	116216	14 210			
		02.09-	116216	14 210			
		09.05-	115857	14 150			
	[M9R700]	09.05-	116216	14 210			
		09.05-	115857	14 150			
		09.05-	116216	14 210			
	[M9R722]	09.05-	115857	14 150			
		09.05-	116216	14 210			
		09.05-	115857	14 150			
Grand Scénic 2.0	[F4R770]	04.04-	113919	14 125	04.04-	112474	12 1.8
		04.04-	114039	14 120 A49	04.04-	115624	12 1.2
		04.04-	113919	14 125	04.04-	114074	12 2.2
	[F4R771]	04.04-	114039	14 120 A49	04.04-	115629	12 1.0
		04.04-	113919	14 125	04.04-	114074	12 2.2
		04.04-	114039	14 120 A49	04.04-	115624	12 1.2
Grand Scénic 2.0 16V	[M4R711]	02.09-	116184	14 150			



RENAULT Continued

Kadjar 1.2 Tce 130	[H5F408]	06.15-	115921	14	120	06.15-	113897	12	1.4
		06.15-	116710	14	150				
Kadjar 1.4 Tce TCe 160 (HLN2)	[H5H470]	07.21-	116225	14	150	07.21-	116367	12	1.7
Kadjar 1.5 dCi 110	[K9K646]	06.15-	115903	14	120	06.15-	113897	12	1.4
		06.15-	116363	14	120	06.15-	116367	12	1.7
	[K9K647]	06.15-	115903	14	120	06.15-	113897	12	1.4
		06.15-	116363	14	120	06.15-	116367	12	1.7
Kadjar 1.5 dCi Blue 115	[K9K873,K9K872]	08.18-	116381	14	150				
Kadjar 1.6 dCi 130	[R9M414]	06.15-	116743	14	185				
		06.15-	116561	14	185				
		06.15-	116710	14	150				
Kadjar 1.6 dCi 4x4	[R9M414]	06.15-	116743	14	185				
		06.15-	116561	14	185				
		06.15-	116710	14	150				
Kangoo 1.2	[D7F710]	10.97-	112165	14	75	10.97-	112295	12	1.7
	[D7F720]	03.98-	113403	14	75	03.98-	113897	12	1.4
	[D7F722]	03.98-	113403	14	75	03.98-	113897	12	1.4
	[D7F726]	03.98-	113403	14	75	03.98-	113897	12	1.4
	[D7F744]	03.98-	113403	14	75	03.98-	113897	12	1.4
	[D7F746]	03.98-	113403	14	75	03.98-	113897	12	1.4
	[D7F746]	03.98-	113577	14	75	03.98-	113927	12	1.4
Kangoo 1.2 Express	[D7F710]	10.97-	112165	14	75 BO	10.97-	112295	12	1.7
		03.98-	113577	14	75	03.98-	113927	12	1.4
	[D7F720]	03.98-	113403	14	75	03.98-	113927	12	1.4
	[D7F722]	03.98-	113403	14	75	03.98-	113927	12	1.4
	[D7F726]	03.98-	113403	14	75	03.98-	113927	12	1.4
	[D7F744]	03.98-	113403	14	75	03.98-	113927	12	1.4
	[D7F746]	03.98-	113403	14	75	03.98-	113927	12	1.4
Kangoo 1.2 16V	[D4F712]	06.01-	113403	14	75	06.01-	113897	12	1.4
	[D4F714]	06.01-	115549	14	95				
		06.01-	115549	14	95				
	[D4F716]	06.01-	113403	14	75	06.01-	113897	12	1.4
		06.01-	115549	14	95				
Kangoo 1.2 16V Express	[D4F712]	10.01-	113403	14	75	10.01-	113897	12	1.4
		10.01-	115549	14	95				
	[D4F714]	10.01-	113403	14	75	10.01-	113897	12	1.4
	[D4F730]	10.01-	115549	14	95				
		10.01-	115549	14	95				
Kangoo 1.2 TCe Express TCe 115	[H5F400]	07.13-	115356	14	150				
		07.13-	115921	14	120				
		07.13-	116710	14	150				
	[H5F408]	07.13-	116710	14	150				
Kangoo 1.4	[E7J634]	09.98-	112199	14	75	09.98-	112218	12	1.0
		AC 09.98-	112144	14	98	09.98-	111641	12	0.7
	[E7J635]	03.98-	112199	14	75	03.98-	112218	12	1.0
	AC [K7J700]	09.98-	112144	14	98	09.98-	111641	12	0.7
		06.00-	112199	14	75	06.00-	111641	12	0.7
	AC [K7J701]	06.00-	112144	14	98				
		06.00-	112199	14	75	06.00-	111641	12	0.7
Kangoo 1.4 Express	[E7J634]	09.98-	112199	14	75	09.98-	111641	12	0.7
		AC 09.98-	112144	14	98				
	[E7J635]	09.98-	112199	14	75	09.98-	111641	12	0.7
	AC [K7J701]	09.98-	112144	14	98	09.98-	113481	12	1.4
		06.00-	112199	14	75	06.00-	111641	12	0.7
Kangoo 1.5 dCi	[K9K700]	AC 06.00-	112144	14	98	06.00-	113481	12	1.4
		12.01-	114673	14	120	04.05- 06.10	113481	12	1.4
		04.05- 06.10	112457	14	110	04.05- 06.10	113930	12	1.4
		04.05- 06.10	113862	14	125 A49	04.05- 06.10	113932	12	0.85
		04.05- 06.10	113940	14	110 A49	05.00-	113897	12	1.4
		04.05- 06.10	116325	14	125				
		AC 05.00-	113248	14	120				
	[K9K702]	02.01-	113248	14	120	02.01-	113897	12	1.4
		07.02-	113862	14	125 A49	07.02-	113927	12	1.4
		07.02-	114673	14	120				
		07.02-	116325	14	125	04.05- 06.10	113930	12	1.4
		04.05- 06.10	112457	14	110	04.05- 06.10	113932	12	0.85
		04.05- 06.10	113940	14	110 A49				
	[K9K704]	12.01-	114673	14	120	07.03-	113929	12	1.2
		07.03-	113862	14	125 A49	07.03-	113930	12	1.4
		07.03-	113940	14	110 A49	05.00-	113897	12	1.4
		07.03-	116325	14	125				
		AC 05.00-	113248	14	120				
	[K9K710]	07.02-	113862	14	125 A49	07.02-	113927	12	1.4
		07.02-	114673	14	120	02.01-	113897	12	1.4
		07.02-	116325	14	125				
		AC 02.01-	113248	14	120				
	[K9K714]	06.05-	112457	14	110	06.05-	113481	12	1.4
		06.05-	113862	14	125 A49	06.05-	113929	12	1.2
		06.05-	116325	14	125				
	[K9K718]	06.05-	112457	14	110	06.05-	113481	12	1.4
		06.05-	113862	14	125 A49	06.05-	113930	12	1.4
		06.05-	116325	14	125				
	[K9K800]	02.08-	114721	14	150 A49	02.08-	113932	12	0.85
		02.08-	116323	14	150				
	[K9K802]	02.08-	114721	14	150 A49	02.08-	113932	12	0.85
		02.08-	116323	14	150	09.10-	115442	12	0.8
	[K9K804]	02.08-	114721	14	150 A49	02.08-	113932	12	0.85
		02.08-	116323	14	150	06.09-	115442	12	0.8
	[K9K806]	02.08-	114721	14	150 A49	02.08-	115624	12	1.2
		02.08-	116323	14	150				
	[K9K808]	06.09-	114721	14	150 A49	06.09-	115442	12	0.8
		06.09-	116323	14	150				
	[K9K840]	02.08-	114721	14	150 A49	02.08-	114180	12	0.8
		02.08-	116323	14	150				
Kangoo 1.5 dCi 110	[K9K804]	09.10-	114721	14	150 A49	09.10-	115442	12	0.8
		09.10-	116323	14	150				
Kangoo 1.5 dCi Be Bop	[K9K806]	02.09-	114721	14	150 A49	02.09-	113932	12	0.85
		02.09-	116323	14	150				



	[K9K808]	06.09-06.09-	114721 116323	14 150 14 150	A49	06.09-	115442	12 0.8
Kangoo 1.5 DCi Express	[K9K636]	09.13-09.13-	114463 116562	14 120 14 120		09.13-	113932	12 0.85
	[K9K700]	12.01-05.00-	114673 113248	14 120 14 120		05.00-	113897	12 1.4
	[K9K702]	AC 02.01-	113248	14 120		02.01-	113897	12 1.4
		12.01-	114673	14 120		04.03-	113927	12 1.4
		04.03-	113862	14 125 A49				
		04.03-	116325	14 125				
	[K9K704]	12.01-05.00-	114673 113248	14 120 14 120		05.00-	113897	12 1.4
	[K9K710]	AC 04.03-	113862	14 125 A49		04.03-	113929	12 1.2
		04.03-	114673	14 120		02.01-	113897	12 1.4
		04.03-	116325	14 125				
		AC 02.01-	113248	14 120				
	[K9K714]	06.05-06.05-	113862 116325	14 125 14 125	A49	06.05-	113930	12 1.4
	[K9K716]	10.05-	113862	14 125 A49		10.05-	113930	12 1.4
		10.05-	113940	14 110 A47		10.05-	113932	12 0.85
		10.05-	116048	14 110				
		10.05-	116325	14 125				
	[K9K718]	06.05-	112457	14 110		06.05-	113481	12 1.4
		06.05-	113862	14 125 A49		06.05-	113929	12 1.2
		06.05-	114673	14 120				
		06.05-	116325	14 125				
	[K9K800]	02.08-02.08-	114721 116323	14 150 14 150	A49	02.08-02.08-	113932 115442	12 0.85 12 0.8
	[K9K802]	02.08-02.08-	114721 116323	14 150 14 150	A49	02.08-02.08-	113932 114180	12 0.85 12 0.8
	[K9K804]	09.10-09.10-	114721 116323	14 150 14 150	A49	09.10-	115442	12 0.8
	[K9K806]	02.08-02.08-	114721 116323	14 150 14 150	A49	02.08-	113932	12 0.85
	[K9K808]	09.10-09.10-	114721 116323	14 150 14 150	A49	09.10-	115629	12 1.0
Kangoo 1.6 16V Express LPG	[K4M834]	02.08-02.08-	114882 115411	14 110 14 110				
Kangoo 1.6 16V Hi-Flex Hi-Flex	[K4M834]	02.08-	114882	14 110				
	[K4M850]	02.08-	114882	14 110				
Kangoo 1.6 Be Bop	[K4M830]	02.09-02.09-	114882 115411	14 110 14 110				
Kangoo 1.6 16V	[K4M752]	06.01-09.01-	112144 112199	14 98 14 75		06.01-09.01-	111641 112295	12 0.7 12 1.7
	[K4M830]	02.08-02.08-	114882 115411	14 110 14 110				
	[K4M831]	02.08-02.08-	114882 115411	14 110 14 110				
Kangoo 1.6 16V 4x4	[K4M750]	PS 10.01-AC 10.01-	112199 112144	14 75 14 98		10.01-10.01-	112218 111641	12 1.0 12 0.7
	[K4M752]	PS 10.01-AC 10.01-	112199 112144	14 75 14 98		10.01-10.01-	112218 111641	12 1.0 12 0.7
	[K4M753]	PS 10.01-AC 10.01-	112199 112144	14 75 14 98		10.01-10.01-	112218 111641	12 1.0 12 0.7
Kangoo 1.6 16V Bivalent	[K4M850]	06.05-	112199	14 75		06.05-	112218	12 1.0
Kangoo 1.6 16V Express	[K4M752]	02.01-02.01-	112199 112144	14 75 14 98		02.01-02.01-	112218 111641	12 1.0 12 0.7
	[K4M830]	02.08-02.08-	114882 115411	14 110 14 110				
Kangoo 1.6 16V Express 4x4	[K4M750]	PS 10.01-AC 10.01-	112199 112144	14 75 14 98		10.01-10.01-	112218 111641	12 1.0 12 0.7
	[K4M752]	PS 10.01-AC 10.01-	112199 112144	14 75 14 98		10.01-10.01-	112218 111641	12 1.0 12 0.7
	[K4M753]	PS 10.01-AC 10.01-	112199 112144	14 75 14 98		10.01-10.01-	112218 111641	12 1.0 12 0.7
Kangoo 1.9 DCi Express 4x4	[F9Q790]	07.03-	111718	14 75		07.03-	111251	12 1.1
Kangoo 1.9 Diesel	[F8Q630]	09.97-03.98-	111718 112470	14 75 14 110		09.97-03.98-	111251 113897	12 1.1 12 1.4
		AC 09.97-	112059	14 110		09.97-	112295	12 1.7
		09.97-03.98-	111718 112470	14 75 14 110		09.97-03.98-	111251 113897	12 1.1 12 1.4
		AC 09.97-	112059	14 110		09.97-	112295	12 1.7
	[F8Q662]	09.97-03.98-	111718 112470	14 75 14 110		09.97-03.98-	111251 113897	12 1.1 12 1.4
		AC 09.97-	112059	14 110		09.97-	112295	12 1.7
Kangoo 1.9 Diesel Express	[F8Q630]	09.97-03.98-	111718 112470	14 75 14 110		09.97-03.98-	111251 113897	12 1.1 12 1.4
		AC 09.97-	112059	14 110		09.97-	112295	12 1.7
		09.97-03.98-	111718 112470	14 75 14 110		09.97-03.98-	111251 113897	12 1.1 12 1.4
		AC 09.97-	112059	14 110		09.97-	112295	12 1.7
	[F8Q662]	09.97-03.98-	111718 112470	14 75 14 110		09.97-03.98-	111251 113897	12 1.1 12 1.4
		AC 09.97-	112059	14 110		09.97-	112295	12 1.7
Kangoo 1.9 DTi	[F9Q780]	02.00-02.00-	111718 112470	14 75 14 110		02.00-02.00-	111251 113897	12 1.1 12 1.4
		AC 02.00-	112059	14 110		02.00-	112295	12 1.7
Kangoo 1.9 DTi Express	[F9Q780]	02.00-02.00-	111718 112470	14 75 14 110		02.00-02.00-	111251 113897	12 1.1 12 1.4
		AC 02.00-	112059	14 110		02.00-	112295	12 1.7
Kangoo Express 1.5 DCi 90 (FW18)	[K9K647]	08.17-	116355	14 150		08.17-	116367	12 1.7
Kangoo Rapid 1.6 16V Flex	[K4M834]	02.08-02.08-	114882 115411	14 110 14 110		02.08-	113932	12 0.85
Koleos 1.6 DCi 130	[R9M409]	08.16-08.16-	115356 116710	14 150 14 150		08.16-	116287	12 2.2
	[R9M414]	08.16-08.16-	115356 116710	14 150 14 150		08.16-	114074	12 2.2
Koleos 2.0 BlueDCi BLUE DCi 185	[M9R868]	A42 01.20-A13 01.20-	116225 116561	14 150 14 185		01.20-01.20-	116287 115829	12 2.2 12 2.0
Koleos 2.0 DCi 4WD	[M9R868]	08.16-08.16-	116743 116561	14 185 14 185		08.16-	115829	12 2.0
Koleos 2.0 DCi 4x4	[M9R830]	09.08-03.13	115519	14 150		09.08-03.13	116287	12 2.2
	[M9R832]	09.08-	114842	14 150		09.08-	114074	12 2.2
	[M9R855]	09.08-	114842	14 150		09.08-	114074	12 2.2
	[M9R856]	09.08-	114842	14 150		09.08-	114074	12 2.2
	[M9R862]	09.08-	114842	14 150		09.08-	114074	12 2.2



RENAULT Continued

	[M9R865]	09.08-	114842	14 150	09.08-	114074	12 2.2
	[M9R866]	09.08-	114842	14 150	09.08-	114074	12 2.2
Koleos 2.0	[M5R402]	04.16-	116792	14 150			
Laguna 0.9 Tce TCe 90 (K8M1)	[H4B408]	02.17- 12.20	116095	14 90	02.17- 12.20	115698	12 1.1
		02.17- 12.20	116174	14 90			
		02.17- 12.20	116240	14 125			
Laguna 1.5 DCi	[K9K780]	10.07-	115651	14 210	10.07-	115698	12 1.1
	[K9K846]	03.12-	114463	14 120	03.12-	114161	12 2.4
		03.12-	114721	14 150 A49	03.12-	115728	12 1.2
		03.12-	115651	14 210	03.12-	115698	12 1.1
		03.12-	116323	14 150			
		03.12-	116562	14 120			
Laguna 1.6 16V	[K4M710]	03.01-	112144	14 98	03.01-	112474	12 1.8
		03.01-	112470	14 110			
	[K4M720]	11.97-	112144	14 98	11.97-	111047	12 3.1
		11.97-	112199	14 75	11.97-	111251	12 1.1
	AC				11.97-	112474	12 1.8
	[K4M724]	AC 05.98- 02.01	112144	14 98	05.98- 02.01	112474	12 1.8
	[K4M824]	10.07-	115382	14 120	10.07-	115354	12 1.3
Laguna 1.8	[F3P670]	09.95-	111722	14 75 Connection L	09.95-	111251	12 1.1
		AC 09.95- 04.98	112679	14 110 Connection L+Ign.	09.95- 04.98	113761	12 0.9
	[F3P678]	AC 01.94- 11.95	112679	14 110 Connection L+Ign.	01.94- 11.95	113761	12 0.9
	[F3P720]	11.95-	111722	14 75	11.95-	111251	12 1.1
		AC 09.95-	112679	14 110	09.95-	113761	12 0.9
		AC			A13 11.95-	113481	12 1.4
	[F3P724]	05.95-	111722	14 75 Connection L	05.95-	111251	12 1.1
		AC 11.93- 04.98	112679	14 110 Connection L+Ign.	A13 11.93- 04.98	113481	12 1.4
		AC			09.95- 04.98	113761	12 0.9
Laguna 1.8 RT	[F3P670]	08.95-	111722	14 75 Connection L	08.95-	111251	12 1.1
		AC 08.95- 04.98	112679	14 110 Connection L+Ign.	A13 08.95- 04.98	113481	12 1.4
	[F3P678]	AC 01.94-	112679	14 110 Connection L	A13 01.94-	113481	12 1.4
	[F3P720]	AC 01.94-	112679	14 110	A13 01.94-	113481	12 1.4
	[F3P724]	AC 01.94-	112679	14 110	01.94-	113761	12 0.9
Laguna 1.8 16V	[F4P760]	04.98-	111718	14 75	04.98-	111251	12 1.1
		04.98-	112470	14 110	04.98-	112474	12 1.8
		AC 04.98-	112144	14 98	04.98-	111047	12 3.1
	[F4P770]	03.01-	111718	14 75	03.01-	111251	12 1.1
		03.01-	112144	14 98	03.01-	112474	12 1.8
		03.01-	112470	14 110	03.01-	112295	12 1.7
		03.01-	112471	14 125	03.01-	112475	12 2.1
		03.01- 09.07	113245	14 125	03.01- 09.07	114074	12 2.2
		03.01-	113248	14 120	03.01-	113761	12 0.9
					03.01-	114814	12 0.9
	[F4P771]	03.01-	113245	14 125	03.01-	114074	12 2.2
	[F4P773]	03.01-	112471	14 125	03.01-	112475	12 2.1
		03.01-	113245	14 125	03.01-	113761	12 0.9
					03.01-	114074	12 2.2
	[F4P774]	03.01- 09.07	113245	14 125	03.01- 09.07	114074	12 2.2
					09.02-	113761	12 0.9
	[F4P775]	03.01- 09.07	113245	14 125	03.01- 09.07	114074	12 2.2
Laguna 1.9 DCi	[F9Q650]	03.01-	112471	14 125	03.01-	112474	12 1.8
		03.01-	113248	14 120	03.01-	113932	12 0.85
	[F9Q664]	08.03- 09.07	114700	14 150	08.03- 09.07	114161	12 2.4
	[F9Q670]	03.01-	112471	14 125	03.01-	112295	12 1.7
		03.01-	113248	14 120	03.01-	114814	12 0.9
					03.01-	115341	12 1.0
	[F9Q674]	03.01-	112471	14 125	03.01-	112218	12 1.0
		03.01-	113248	14 120	03.01-	114814	12 0.9
		01.05-	114700	14 150	01.05-	114161	12 2.4
	[F9Q718]	03.01-	114353	14 150	03.01-	114814	12 0.9
		09.99-	112458	14 120 A47	09.99-	112474	12 1.8
		09.99-	112471	14 125	09.99- 03.01	113897	12 1.4
		09.99- 03.01	113248	14 120			
	[F9Q750]	03.01-	112471	14 125	03.01-	112218	12 1.0
		03.01-	113248	14 120	03.01-	112295	12 1.7
					03.01-	114814	12 0.9
	[F9Q752]	03.01-	113248	14 120	03.01-	113932	12 0.85
		06.01-	112471	14 125	03.01-	115341	12 1.0
		AC 06.01-	114353	14 150	06.01-	112475	12 2.1
					10.01-	112295	12 1.7
					06.01-	114814	12 0.9
	[F9Q754]	03.01-	113248	14 120	03.01-	115341	12 1.0
		03.01-	114353	14 150	03.01-	114814	12 0.9
		10.01-	112471	14 125	10.01-	112295	12 1.7
	[F9Q756]	03.01-	113248	14 120	03.01-	115341	12 1.0
		03.01-	114353	14 150	03.01-	114814	12 0.9
	[F9Q758]	01.05-	114700	14 150	01.05-	115728	12 1.2
					01.05-	115842	12 1.0
					05.05-	114161	12 2.4
					08.05- 09.07	116262	12 0.8
	[F9Q759]	05.05-	114700	14 150	05.05-	114161	12 2.4
					08.05- 09.07	116277	12 0.9
Laguna 1.9 TDi	[F9Q710]	AC 10.97- 03.01	112458	14 120 A47	10.97- 03.01	112474	12 1.8
	[F9Q716]	AC 10.97-	111719	14 120	10.97-	111251	12 1.1
	[F9Q717]	10.97- 03.01	111719	14 120	10.97- 03.01	111251	12 1.1
Laguna 2.0 16V Hi-Flex	[M4R704]	10.07-	116184	14 150			
Laguna 2.0 16V Hi-Flex Grandtour	[M4R704]	10.07-	116184	14 150			
	[M4R726]	10.07-	116184	14 150			
Laguna 2.0 DCi	[M9R700]	08.05-	114509	14 150	08.05-	114814	12 0.9
		08.05-	114670	14 210	AT 08.05-	115354	12 1.3
	[M9R740]	08.05-	114509	14 150	08.05-	114814	12 0.9
		08.05-	114670	14 210	08.05-	115354	12 1.3
					08.05-	115686	12 1.4
		10.07-	116216	14 210			
	[M9R742]	10.07-	116216	14 210			
	[M9R744]	10.07-	116216	14 210			
	[M9R746]	10.07-	116216	14 210			
	[M9R748]	10.07-	116216	14 210			



	[M9R760]	01.06- 01.06-	114509 114670	14 150 14 210		01.06- AT 01.06- 01.06-	114814 115354 115686	12 0.9 12 1.3 12 1.4
	[M9R800]	01.08-	116216	14 210				
	[M9R802]	10.07-	116216	14 210				
	[M9R805]	10.07-	116216	14 210				
	[M9R809]	01.08-	116216	14 210				
	[M9R814]	10.07-	116216	14 210				
	[M9R815]	01.08-	116216	14 210				
	[M9R816]	03.08-	116216	14 210				
	[M9R820]	03.08-	116216	14 210				
	[M9RA742]	10.07-	116216	14 210				
Laguna 2.0 DCi GT	[M9R816]	03.08-	116216	14 210				
	[M9R820]	03.08-	116216	14 210				
Laguna 2.0	[F3R611]	01.99- 02.01	112679	14 110		A13 01.99- 02.01	113481	12 1.4
	[F3R722]	07.95- 02.01	111722	14 75	Connection L	07.95- 02.01	111251	12 1.1
		11.93- 05.97	112679	14 110	Connection L+Ign.	A13 11.93- 05.97	113481	12 1.4
		AC				09.95- 05.97	113761	12 0.9
	[F3R723]	07.95- 02.01	111722	14 75	Connection L	07.95- 02.01	111251	12 1.1
		11.93- 05.97	112679	14 110	Connection L+Ign.	A13 11.93- 05.97	113481	12 1.4
		AC				09.95-	113761	12 0.9
Laguna 2.0 16V	[F4R712]	A22 06.01- 08.02	113245	14 125		06.01- 08.02	114074	12 2.2
		A22				09.01-	113761	12 0.9
	[F4R713]	A22 06.01- 08.02	113245	14 125		06.01- 08.02	114074	12 2.2
	[F4R714]	08.02-	113837	14 150		06.01- 08.02	114074	12 2.2
		08.02-	114122	14 150		08.02-	114814	12 0.9
		A22 06.01- 08.02	113245	14 125				
	[F4R715]	10.04- 09.07	113837	14 150		10.04- 09.07	114814	12 0.9
		A22 06.01- 08.02	113245	14 125		06.01- 08.02	114074	12 2.2
	[F4R780]	09.99- 02.01	111718	14 75		09.99- 02.01	111251	12 1.1
		09.99-	112470	14 110		09.99-	112474	12 1.8
		09.99- 03.01	112557	14 120		09.99- 03.01	113481	12 1.4
		AC 09.99- 02.01	112144	14 98				
	[F4R784]	01.05-	113837	14 150		01.05-	114814	12 0.9
	[F4R886]	01.05-	113837	14 150		01.05-	114814	12 0.9
		01.05-	115649	14 150		01.05-	115354	12 1.3
						01.05-	115698	12 1.1
	[F4R887]	01.05-	113837	14 150		01.05-	114814	12 0.9
		01.05-	115649	14 150		01.05-	115698	12 1.1
	[M4R704]	10.07-	116184	14 150				
	[N7Q700]	06.95- 02.01	112557	14 120		06.95- 02.01	112218	12 1.0
	[N7Q704]	06.95- 02.01	112557	14 120		06.95- 02.01	112218	12 1.0
Laguna 2.0 IDE 16V	[F5R700]	04.01-	113245	14 125		04.01-	113761	12 0.9
	[F5R701]	04.01-	113245	14 125		04.01-	113897	12 1.4
Laguna 2.0 Turbo 16V	[F4R764]	07.02-	113245	14 125		07.02-	114074	12 2.2
		01.03-	114122	14 150		01.03-	114814	12 0.9
	[F4R765]	07.02-	113245	14 125		07.02-	114074	12 2.2
		01.03-	114122	14 150		01.03-	114814	12 0.9
	[F4R786]	01.03-	113837	14 150		01.03-	114814	12 0.9
	[F4R787]	01.03-	113837	14 150		01.03-	114814	12 0.9
Laguna 2.2 DCi	[G9T600]	05.05-	114122	14 150		05.05-	114814	12 0.9
	[G9T605]	05.05-	114122	14 150		05.05-	114814	12 0.9
	[G9T700]	03.01- 02.03	113245	14 125		03.01- 02.03	114074	12 2.2
		10.01-	114122	14 150		10.01-	114814	12 0.9
	[G9T702]	03.01- 02.03	113245	14 125		03.01- 02.03	113761	12 0.9
		10.01-	114122	14 150		10.01-	114814	12 0.9
	[G9T706]	05.05-	114122	14 150		05.05-	114814	12 0.9
	[G9T707]	05.05-	114122	14 150		05.05-	114814	12 0.9
Laguna 2.2 Diesel	[G8T706]	11.93- 03.01	112679	14 110		A13 11.93- 03.01	113481	12 1.4
	[G8T752]	02.94-	112679	14 110	Connection L+Ign.	A13 02.94-	113481	12 1.4
	[G8T760]	03.96-	112679	14 110		A13 03.96-	113481	12 1.4
	[G8T790]	11.93- 03.01	112679	14 110		A13 11.93- 03.01	113481	12 1.4
	[G8T794]	02.94-	112679	14 110	Connection L+Ign.	A13 02.94-	113481	12 1.4
Laguna 2.2 TD	[G8T760]	03.96-	112679	14 110		A13 03.96-	113481	12 1.4
Laguna 3.0 DCi	[V9X791]	09.08-	116216	14 210				
	[V9X891]	09.08-	116216	14 210				
Laguna Grandtour 2.0	[F4R780]	AC 09.95- 03.01	112144	14 98		09.95- 03.01	114814	12 0.9
Laguna Sport Tourer 2.9 V6 24V	[L7X731]					10.03- 12.07	115354	12 1.3
Latitude 2.0 DCi	[M9R804]	05.11-	116216	14 210		05.11-	114074	12 2.2
	[M9R817]	05.11-	116216	14 210		05.11-	114074	12 2.2
	[M9R844]	05.11-	116216	14 210		05.11-	113897	12 1.4
Latitude 2.0 DCi 150	[M9R824]	02.11-	116216	14 210		02.11-	114074	12 2.2
	[M9R846]	02.11-	116216	14 210		02.11-	114074	12 2.2
Latitude 3.0 DCi 240	[V9X891]	02.11-	116216	14 210		02.11-	114074	12 2.2
Logan 1.1 Flexfuel LPG		12.13-	115549	14 95				
Logan 1.1	[D4F732]	11.13-	115549	14 95				
Logan 1.1 16V		12.13-	115549	14 95				
Logan 1.4	[K7J710]	09.04-	112144	14 98		09.04-	113897	12 1.4
		09.04-	112199	14 75		09.04-	114095	12 0.85
		09.04-	115655	14 110				
		10.07-	114879	14 90				
		10.07-	115656	14 70				
Logan 1.5 dCi	[K9K792]	04.07-	112457	14 110		04.07-	113932	12 0.85
		04.07-	113862	14 125				
		04.07-	113940	14 110		04.07-	114180	12 0.8
		04.07-	114673	14 120				
		04.07-	116048	14 110				
		04.07-	116325	14 125				
	[K9K796]	02.08-	113862	14 125 A49		02.08-	113932	12 0.85
		02.08-	113940	14 110 A47		02.08-	114180	12 0.8
		02.08-	116048	14 110				
		02.08-	116325	14 125				
Logan 1.6	[K4M690]	04.07-	115766	14 110				
	[K7M710]	09.04-	112144	14 98		04.07-	114095	12 0.85
		09.04-	112199	14 75		09.04-	113932	12 0.85
		09.04-	115655	14 110		09.04-	113897	12 1.4
		09.04-	115656	14 70				



RENAULT Continued

Logan 1.6 MCV	[K4M697]	04.07-	115766	14	110				
Lutecia I 1.8 (357A 357D 357U 557A,	[F3P755]					04.96- 08.99	111251	12	1.1
Mascott 2.8 110	[S9W206]	01.99- 06.04	113280	14	90	01.99- 06.04	112441	12	2.3
		01.99- 06.04	114701	14	120	01.99- 06.04	115505	12	2.3 A49
Master 1.9 DCi 80	[F9Q772]	11.01-	113248	14	120	11.01-	114074	12	2.2
		AC 11.01-	112471	14	125	11.01-	112475	12	2.1
	[F9Q774]	11.01-	113248	14	120	11.01-	114074	12	2.2
		AC 11.01-	112471	14	125	11.01-	112475	12	2.1
Master 2.2 DCi 90	[G9T720]	09.00-	113248	14	120	09.00-	114074	12	2.2
		AC 09.00-	112471	14	125	09.00-	112475	12	2.1
	[G9T722]	09.00-	113248	14	120	09.00-	114074	12	2.2
		AC 09.00-	112471	14	125	09.00-	112475	12	2.1
	[G9T750]	09.00-	113248	14	120	09.00-	114074	12	2.2
		AC 09.00-	112471	14	125	09.00-	112103	12	2.2
		AC				09.00-	112475	12	2.1
Master 2.3 DCi	[M9T670]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185				
		02.10-	116710	14	150				
	[M9T672]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185	02.10-	114032	12	2.5
		02.10-	116710	14	150				
	[M9T676]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185				
		02.11-	116710	14	150				
	[M9T678]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185	02.10-	114074	12	2.2
		02.10-	116710	14	150	A25 02.10-	116287	12	2.2
	[M9T680]	02.10-	114826	14	185 A49				
		02.10-	115356	14	150				
		02.10-	116324	14	185				
		02.10-	116710	14	150				
	[M9T686]	02.10-	115356	14	150	02.10-	114032	12	2.5
		02.10-	116710	14	150	A25 02.10-	116287	12	2.2
	[M9T690]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185				
		02.10-	116710	14	150				
	[M9T692]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185				
	[M9T694]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185	02.10-	114032	12	2.5
		02.10-	116710	14	150				
	[M9T696]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185				
		02.10-	116710	14	150				
	[M9T698]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185				
		02.10-	116710	14	150				
	[M9T700]	07.14-	115356	14	150	A25 07.14-	116287	12	2.2
	[M9T870]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185				
		09.14-	116710	14	150				
	[M9T880]	10.12-	114826	14	185 A49	10.12-	114074	12	2.2
		10.12-	116324	14	185	A25 10.12-	116287	12	2.2
		10.12-	116710	14	150				
	[M9T890]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185				
		09.14-	116710	14	150				
	[M9T896]	02.10-	114826	14	185 A49	02.10-	114074	12	2.2
		02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116324	14	185				
	[M9T898]	03.13-	114826	14	185 A49	03.13-	114074	12	2.2
		03.13-	116324	14	185	A25 03.13-	116287	12	2.2
		03.13-	116710	14	150				
Master 2.3 DCi 130	[M9T692]	06.16-	114826	14	185 A49	06.16-	114074	12	2.2
		06.16-	116324	14	185	A25 06.16-	116287	12	2.2
Master 2.3 DCi 135	[M9T702]	07.14-	114826	14	185 A49	07.14-	114074	12	2.2
		07.14-	116324	14	185	A25 07.14-	116287	12	2.2
Master 2.3 DCi 170	[M9T706]	07.15-	114826	14	185 A49	07.15-	114074	12	2.2
		07.15-	116324	14	185	A25 07.15-	116287	12	2.2
Master 2.3 DCi 180 FWD	[M9T716]	07.19-	114826	14	185 A49	07.19-	114074	12	2.2
		07.19-	116324	14	185	A25 07.19-	116287	12	2.2
Master 2.3 DCi FWD	[M9T670]	02.10-	115356	14	150	02.10-	114032	12	2.5
		02.10-	116710	14	150	A25 02.10-	116287	12	2.2
	[M9T672]	02.10-	115356	14	150	A25 02.10-	116287	12	2.2
		02.10-	116710	14	150				
	[M9T676]	02.10-	115356	14	150	A25 02.10-	116287	12	2.2
	[M9T698]	02.10-	115356	14	150	A25 02.10-	116287	12	2.2
	[M9T702]	07.14-	114826	14	185 A49	07.14-	114074	12	2.2
		07.14-	116324	14	185	A25 07.14-	116287	12	2.2
	[M9T870]	02.10-	115356	14	150	A25 02.10-	116287	12	2.2
	[M9T890]	02.10-	115356	14	150	A25 02.10-	116287	12	2.2
	[M9T896]	02.10-	115356	14	150	A25 02.10-	116287	12	2.2
Master 2.5 DCi	[G9U632]	08.06-	113837	14	150	08.06-	114074	12	2.2
		08.06-	114700	14	150				
	[G9U650]	08.06-	113837	14	150	08.06-	114074	12	2.2
		08.06-	114700	14	150				
	[G9U754]	08.06-	113837	14	150	08.06-	114074	12	2.2
		08.06-	114700	14	150				



Master 2.5 DCi 100	[G9U754]	10.03-10.03-	113837 114122	14 150 14 150	10.03-	114074	12 2.2
Master 2.5 DCi 120	[G9U754]	10.01-10.01-	113837 114122	14 150 14 150	10.01-	114074	12 2.2
Master 2.5 DCi 90	[G9U720]	10.01-10.01- AC 10.01-	113248 113837 113245	14 120 14 150 14 125	10.01-10.01-	114074 112103	12 2.2 12 2.2
Master 2.5 Diesel	[G9U724] [S8U770]	AC 10.01-09.97-	113245 111937	14 125 14 75	10.01-09.97-	112103 112474 112475	12 2.2 12 1.8 12 2.1
Master 2.5 DCi 120	[G9U750]	09.97-10.01-10.01-	112057 113245 113837	14 110 14 125 14 150	10.01-10.01-	112103 114074	12 2.2 12 2.2
Master 2.8 Diesel	[S9W702]	09.97-09.97-	111937 112057	14 75 14 110	09.97-09.97-	112474 112475	12 1.8 12 2.1
Master 2.8 DTi	[S9W702]	09.97-09.97-	111937 112057	14 75 14 110	09.97-09.97-	112474 112475	12 1.8 12 2.1
Master 3.0 DCi 140	[ZD3200] [ZD3202]	10.03-10.03-10.03-	113993 115317 113993 115317	14 135 14 120 14 135 14 120	10.03-10.03-	114074 114074	12 2.2 12 2.2
Master 28-35 2.4 Diesel	[8140.61.2300] [S8U731]	08.80-08.89-08.80-08.89-01.85-08.89	110889 110889	14 75 14 75	08.80-08.89-08.80-08.89-01.85-08.89	110814 111063 113134	12 2.7 12 1.2 12 2.2
Master 28-35 2.5 Diesel	[8140.61.2300] [8140.67.2510] [S8U731] [S8U742]	09.80-07.98-08.89-07.98-09.80-07.98-08.89-07.98	110889 110889 110889 110889	14 75 14 75 14 75 14 75	09.80-07.98-08.89-07.98-09.80-07.98-01.85-07.98	110814 111063 111063 110814 111063 113134	12 2.7 12 2.2 12 1.2 12 2.7 12 1.2 12 2.2
Master 28-35 2.5 TD	[8140.27.2580] [S9U702]	03.89-07.98-03.89-07.98	110889 110889	14 75 14 75	03.89-07.98-08.89-07.98-03.89-07.98	110814 113134 110814 113134	12 2.7 12 2.2 12 2.7 12 2.2
Master 30 2.2	[J7T782] [J7T788]				08.80-07.98-01.94-09.94	111063 11063	12 1.2 12 1.2
Master 35 2.5 TD	[8140.27.2500] [8140.27.2510] [S9U714]	08.89-07.98-08.89-07.98-08.89-07.98	110889 110889 110889	14 75 14 75 14 75	08.89-07.98-08.89-07.98-08.89-07.98	113134 113134 113134	12 2.2 12 2.2 12 2.2
Megane 1.2 TCe	[H5F400] [H5F404]	03.12-03.12-03.12-01.13-01.13-01.13-	115356 115921 116710 115356 115921 116174 116710	14 150 14 120 14 150 14 150 14 120 14 90 14 150			
Megane 1.2 Tce 100	[H5F408]	11.15-11.15-	115921 116710	14 120 14 150			
Megane 1.2 Tce 130	[H5F408]	11.15-11.15-	115921 116710	14 120 14 150			
Megane 1.3 TCe 100	[H5H470]	A13 08.18-	116225	14 150			
Megane 1.3 TCe 115	[H5H450, H5H470]	A13 01.18-	116225	14 150			
Megane 1.3 TCe 140	[H5H470, H5H450]	A13 01.18-	116225	14 150			
Megane 1.3 TCe 160	[H5H450, H5H470]	A13 01.18-	116225	14 150			
Megane 1.4	[E7J626] [K4J730] [K4J732] [K4J740]	03.99-10.02-AC 03.99-10.02-08.03-08.03-09.03-08.03-08.03-	112199 112144 113940 113945 113940 113940 113945	14 75 14 98 14 110 A49 14 150 14 110 A49 14 110 A49 14 150	03.99-10.02-A13 03.99-10.02-08.03-08.03-09.03-08.03-08.03-	112295 113481 113930 113932 113930 113930 113932	12 1.7 12 1.4 12 1.4 12 0.85 12 1.4 12 1.4 12 0.85
Megane 1.4 16V	[K4J714] [K4J730] [K4J732] [K4J740] [K4J750]	05.00-09.03-AC 05.00-09.03-11.02-11.02-10.03-11.02-11.02-03.99-03.99-	112199 112144 113940 113945 113940 113940 113945 112199 112144	14 75 14 98 14 110 A49 14 150 14 110 A49 14 110 A49 14 150 14 75 14 98	05.00-09.03-05.00-09.03-11.02-10.03-11.02-03.99-03.99-	112295 112474 112218 113932 113930 113929 113932 112295 112218	12 1.7 12 1.8 12 1.0 12 0.85 12 1.4 12 1.2 12 0.85 12 1.7 12 1.0
Megane 1.4 i	[E7J626]	AC 01.96-10.02	112144	14 98	01.96-10.02	113481	12 1.4
Megane 1.4 Kombi Van	[K4J750, K4J714]	04.01-07.03-AC 04.01-07.03	112199 112144	14 75 14 98	04.01-07.03-A13 04.01-07.03	112295 113481	12 1.7 12 1.4
Megane 1.5 Blue dCi 115	[K9K873, K9K872]	A13 08.18-	116381	14 150			
Megane 1.5 Blue dCi 95	[K9K872]	A13 08.18-	116381	14 150			
Megane 1.5 DCi	[K9K636] [K9K722]	02.09-02.09-02.09-02.09-08.03-07.09-08.03-07.09-08.03-07.09-09.03-11.02-11.02-	114721 115651 116323 116562 114354 114673 116048 114882 113940 113945	14 150 A49 14 210 14 150 14 120 14 150 14 120 14 110 14 110 14 110 A47 14 150	02.09-02.09-08.03-07.09-09.03-11.02-11.02-	115624 115698 113930 115842 116375 113929 113932	12 1.2 12 1.1 12 1.4 12 1.0 12 1.7 12 1.2 12 0.85



[K9K724]	05.05-	113940	14 110 A49	A25	05.05-	113930	12 1.4
	05.05-	114354	14 150		05.05-	116367	12 1.7
	05.05-	114882	14 110	05.05-	116375	12 1.7	
	[K9K728]	02.04-	114673	14 120	01.07-	115829	12 2.0
		02.04-	114721	14 150 A49	01.07-	115698	12 1.1
		02.04-	114882	14 110	02.04-	116375	12 1.7
		02.04-	116323	14 150	02.04-	115442	12 0.8
		10.03-	113940	14 110 A49	02.04-	115728	12 1.2
		10.03-	113945	14 150	10.03-	113930	12 1.4
		10.03-	114354	14 150 BO	10.03-	113932	12 0.85
		10.03-			10.03-	115877	24 5.5
	[K9K729]	02.04-	114673	14 120	10.03-	113929	12 1.2
		02.04-	114721	14 150 A49	10.03-	113932	12 0.85
		02.04-	114882	14 110	10.03-	116375	12 1.7
		02.04-	116323	14 150	02.04-	115829	12 2.0
		10.03-	113940	14 110 A49	02.04-	115698	12 1.1
		10.03-	113945	14 150			
		10.03-	114354	14 150 BO			
	[K9K732]	01.07-	112471	14 125	01.07-	113481	12 1.4
02.04-		114754	14 120	01.07-	116278	12 1.5	
03.06-		113940	14 110 A49	01.07-	115685	12	
05.05- 02.08		114721	14 150 A49	02.04-	116375	12 1.7	
05.05-		114882	14 110	03.06-	113930	12 1.4	
05.05-		115650	14 210	05.05-	116367	12 1.7	
05.05-		115651	14 210	05.05- 02.08	115629	12 1.0	
08.03- 07.09		114354	14 150	05.05-	115728	12 1.2	
08.03- 07.09		114673	14 120	08.03- 07.09	115842	12 1.0	
08.03- 07.09		116323	14 150				
[K9K734]	01.07- 03.09	114673	14 120	05.05-	115829	12 2.0	
	01.07-	114882	14 110	05.05-	115698	12 1.1	
	05.05-	114354	14 150	01.07- 03.09	115842	12 1.0	
	05.05-	114721	14 150 A49	01.07-	116367	12 1.7	
	05.05-	115651	14 210	01.07- 03.09	115629	12 1.0	
	05.05-	116323	14 150	01.07-	115728	12 1.2	
[K9K830]	11.08-	114721	14 150 A49	11.08-	115698	12 1.1	
	11.08-	116323	14 150				
[K9K832]	02.09-	114721	14 150 A49	02.09-	115698	12 1.1	
	02.09-	115651	14 210	11.13- 08.15	115629	12 1.0	
	02.09-	116323	14 150				
[K9K834]	03.10- 08.15	114463	14 120	11.08- 08.15	115629	12 1.0	
	03.10- 08.15	115431	14 150 A49	05.09-	115698	12 1.1	
	03.10- 08.15	115651	14 210	03.10- 08.15	115728	12 1.2	
	03.10- 08.15	116355	14 150				
	05.09-	116562	14 120				
	11.08- 08.15	114721	14 150 A49				
	11.08- 08.15	116323	14 150				
[K9K836]	02.09-	114721	14 150 A49	02.09-	115442	12 0.8	
	02.09-	115651	14 210	02.09-	115624	12 1.2	
	02.09-	116323	14 150	02.09-	115698	12 1.1	
	02.09-	116562	14 120				
[K9K836,K9K837]	01.09- 08.15	114463	14 120	01.09- 08.15	115728	12 1.2	
	01.09- 08.15	114721	14 150 A49	01.09- 08.15	115629	12 1.0	
	01.09- 08.15	115651	14 210				
	01.09- 08.15	116323	14 150				
[K9K836,K9K846]	02.09- 08.15	114463	14 120	02.09- 08.15	115728	12 1.2	
	02.09- 08.15	114721	14 150 A49				
	02.09- 08.15	115431	14 150 A49				
	02.09- 08.15	115651	14 210				
	02.09- 08.15	116323	14 150				
	02.09- 08.15	116355	14 150				
[K9K837]	02.09-	114721	14 150 A49	02.09-	115442	12 0.8	
	02.09-	115651	14 210	02.09-	115624	12 1.2	
	02.09-	116323	14 150				
	02.09-	116562	14 120				
[K9K846]	02.09-	114721	14 150 A49	02.09-	115624	12 1.2	
	02.09-	115651	14 210	11.13-	115842	12 1.0	
	02.09-	116323	14 150	11.13-	115442	12 0.8	
	02.09-	116562	14 120	11.13-	115698	12 1.1	
	11.13-	114463	14 120	07.14-	115728	12 1.2	
				07.14-	115629	12 1.0	
[K9KH834]	11.08-	114721	14 150 A49	11.08-	115442	12 0.8	
	11.08-	116323	14 150	11.08-	115685	12	
[K9KJ836]	02.09-	114721	14 150 A49	02.09-	115624	12 1.2	
	02.09-	115651	14 210				
	02.09-	116323	14 150				
	02.09-	116562	14 120				
	08.03- 02.08	113945	14 150	08.03- 02.08	113932	12 0.85	
	08.03- 02.08	114354	14 150	08.03- 02.08	115842	12 1.0	
	08.03- 02.08	114673	14 120				
	08.03- 02.08	116048	14 110				
Megane 1.5 DCi 110	[K9K646]	11.15-	116363	14 120			
		11.15-	116381	14 150			
	[K9K656]	11.15-	116363	14 120			
		11.15-	116381	14 150			
		04.16-	115903	14 120			
[K9K657]		11.15-	116363	14 120			
		11.15-	116381	14 150			
		04.16-	115903	14 120			
Megane 1.5 DCi 90	[K9K656]	11.15-	115903	14 120			
		11.15-	116363	14 120			
		11.15-	116381	14 150			
		11.15-	116562	14 120			
Megane 1.5 DCi Kombi Van	[K9K830]	03.10- 08.15	114721	14 150			
		03.10- 08.15	116234	14 125			
		03.10- 08.15	116323	14 150			
	[K9K832]	03.10- 08.15	115651	14 210			
Megane 1.6 Hi-Flex		03.06-	114882	14 110			
Megane 1.6 16V Bifuel	[K4M866]	11.08-	115382	14 120			



Megane 1.6 DCi	[R9M402]	04.11-	114826	14 185	A49			
		04.11-	116324	14 185				
		04.11-	116710	14 150				
	[R9M404]	04.11-	114826	14 185	A49			
		04.11-	116324	14 185				
		04.11-	116710	14 150				
Megane 1.6 dCi 130	[R9M409]	04.16-	116743	14 185				
Megane 1.6 Diesel 165	[R9M452]	11.15-	116743	14 185				
		11.15-	116561	14 185				
Megane 1.6	[K4M760]	08.03-	113940	14 110	A49	08.03-	113930	12 1.4
		08.03-	113945	14 150		08.03-	113932	12 0.85
		08.03-	115766	14 110				
	[K4M761]	08.03-	113940	14 110	A49	08.03-	113930	12 1.4
		08.03-	113945	14 150		08.03-	113932	12 0.85
		08.03-	115766	14 110				
	[K4M762]	05.05-	113265	14 120		05.05-	113897	12 1.4
		05.05-	115382	14 120				
	[K4M780]	10.03- 01.08	113940	14 110	A49	10.03- 01.08	113932	12 0.85
		10.03- 01.08	113945	14 150				
		10.03- 01.08	116048	14 110				
Megane 1.6 TCe 165	[M5M450]	07.17-	116743	14 185				
		08.17-	116561	14 185				
Megane 1.6 16V Flex-Fuel	[K4M762]	02.08-	114882	14 110				
		02.08-	115411	14 110				
	[K4M856]	02.08-	114882	14 110				
		02.08-	115411	14 110				
Megane 1.6 16V	[K4M C813]	01.07-	114882	14 110				
		01.07-	115766	14 110				
	[K4M D812]	01.07-	114882	14 110				
		01.07-	115766	14 110				
	[K4M700]	03.99-	112199	14 75		03.99-	112295	12 1.7
		A22 03.99-	112144	14 98		03.99-	112474	12 1.8
						03.99-	112218	12 1.0
	[K4M701]	05.00- 09.03	112199	14 75		05.00- 09.03	112295	12 1.7
		AC 05.00- 09.03	112144	14 98		05.00- 09.03	112218	12 1.0
	[K4M704]	03.99- 10.02	112199	14 75		03.99- 10.02	112295	12 1.7
		AC 03.99- 10.02	112144	14 98		03.99- 10.02	113481	12 1.4
						03.99-	112218	12 1.0
	[K4M708]	05.00- 09.03	112199	14 75		05.00- 09.03	112295	12 1.7
		AC 05.00- 09.03	112144	14 98		05.00- 09.03	112218	12 1.0
	[K4M760]	11.02-	113940	14 110	A47	11.02-	113929	12 1.2
		11.02-	113945	14 150		11.02-	113932	12 0.85
		11.02-	115766	14 110				
		01.07-	114882	14 110				
	[K4M761]	01.07-	115766	14 110				
	[K4M762][RA]]	05.06- 10.11	116233	14 150				
	[K4M812]	05.05-	115766	14 110				
		01.07-	114882	14 110				
	[K4M813]	01.07-	114882	14 110				
		01.07-	115766	14 110				
	[K4M858]	11.08-	115382	14 120				
	[K4M866]	11.08-	115382	14 120				
Megane 1.6 FlexFuel	[K4M788]	01.07-	114882	14 110				
		01.07-	115411	14 110				
Megane 1.6 LPG 16V	[K4M760]	01.06- 08.09	113940	14 110		01.06- 08.09	113932	12 0.85
		01.06- 08.09	116048	14 110				
Megane 1.6 Kombi Van	[K4M704]	04.01- 07.03	112199	14 75		04.01- 07.03	112295	12 1.7
		AC 04.01- 07.03	112144	14 98		A13 04.01- 07.03	113481	12 1.4
	[K4M712]	04.01- 07.03	112199	14 75		04.01- 07.03	112295	12 1.7
		AC 04.01- 07.03	112144	14 98		A13 04.01- 07.03	113481	12 1.4
Megane 1.6 16V	[K4M858]	05.09- 08.15	115382	14 120				
Megane 1.6 Kombi Van	[K4M700, K4M701, K4M708, K4M709]	04.01- 07.03	112199	14 75		04.01- 07.03	112295	12 1.7
		AC 04.01- 07.03	112144	14 98		04.01- 07.03	113481	12 1.4
Megane 1.6	[H4M630]	05.20-	116225	14 150				
Megane 1.8 16V	[F4P720]	05.00- 09.03	112144	14 98		05.00- 09.03	112218	12 1.0
						A13 03.01- 09.03	113481	12 1.4
		05.00- 09.03	112144	14 98		05.00- 09.03	112218	12 1.0
Megane 1.8 Kombi Van	[F4P722]	04.01- 07.03	112144	14 98		04.01- 07.03	113481	12 1.4
Megane 1.9 DCi	[F9Q732]	02.01- 10.02	111718	14 75		02.01- 10.02	111251	12 1.1
		02.01- 10.02	112470	14 110		A13 02.01- 10.02	113481	12 1.4
		AC 02.01-	112458	14 120	A47			
	[F9Q733]	02.01- 08.03	112458	14 120	A47	02.01- 08.03	113481	12 1.4
	[F9Q738]	02.01-	111718	14 75		02.01-	111251	12 1.1
		02.01-	112458	14 120	A47	A13 02.01-	113481	12 1.4
	[F9Q800]	11.02-	113919	14 125		11.02-	113932	12 0.85
		11.02-	113994	14 155		09.03-	115341	12 1.0
		08.03-	113940	14 110	A49	11.02-	113897	12 1.4
		09.03-	113837	14 150		08.03-	113930	12 1.4
		09.03-	114039	14 120	A49	A13 05.05-	113481	12 1.4
		09.03-	115310	14 110				
		09.03-	115649	14 150				
		05.05-	112144	14 98				
		05.05-	113837	14 150		05.05-	113897	12 1.4
		05.05-	113919	14 125		05.05-	113927	12 1.4
		05.05-	113994	14 155		05.05-	113932	12 0.85
		05.05-	114039	14 120	A49	05.05-	114814	12 0.9
		05.05-	115310	14 110		05.05-	114869	12 1.4
		05.05-	115419	14 110				
		05.05-	115649	14 150				
	[F9Q804]	05.05-	112144	14 98		05.05-	113481	12 1.4
		05.05-	113837	14 150		05.05-	113897	12 1.4
		05.05-	113919	14 125		05.05-	113932	12 0.85
		05.05-	113994	14 155		05.05-	114814	12 0.9
		05.05-	114039	14 120	A49	05.05-	114869	12 1.4
		05.05-	115310	14 110				
	[F9Q808]	11.02- 12.05	113919	14 125		11.02- 12.05	113897	12 1.4
		04.04- 12.05	113994	14 155		04.04- 12.05	113932	12 0.85

[F9Q816]		05.05-	113837	14 150	05.05-	113897	12 1.4
		05.05-	113919	14 125	05.05-	113927	12 1.4
		05.05-	113994	14 155	05.05-	113932	12 0.85
		05.05-	114039	14 120 A49	05.05-	114193	24 5.5
		05.05-	115310	14 110	05.05-	114814	12 0.9
		05.05-	115419	14 110			
		05.05-	115649	14 150			
	[F9Q818]	05.05-	112144	14 98	05.05-	113932	12 0.85
		05.05-	113837	14 150	05.05-	114814	12 0.9
		05.05-	113919	14 125	05.05-	115361	12 1.0
		05.05-	113949	14 150	05.05-	113929	12 1.2
		05.05-	113994	14 155	A13 05.05-	113481	12 1.4
		05.05-	114039	14 120 A49	05.05-	113897	12 1.4
		05.05-	115310	14 110	05.05-	113927	12 1.4
		05.05-	115419	14 110	05.05-	114193	24 5.5
		05.05-	115649	14 150			
	[F9Q870]	11.08-	115649	14 150			
		11.08-	115921	14 120			
		11.08-	116066	14 120			
	[F9Q872]	11.08-	115649	14 150			
	11.08-	115921	14 120				
	11.08-	116066	14 120				
[F9QE804]	02.06- 10.06	112144	14 98	02.06- 10.06	113481	12 1.4	
	02.06- 10.06	113837	14 150	02.06- 10.06	113929	12 1.2	
	02.06- 10.06	113919	14 125	02.06- 10.06	113897	12 1.4	
	02.06- 10.06	113994	14 155	02.06- 10.06	115341	12 1.0	
	02.06- 10.06	115310	14 110				
Megane 1.9 DCi Kombi Van	[F9Q732, F9Q733]	04.01- 07.03	112458	14 120	04.01- 07.03	113481	12 1.4
Megane 1.9 Diesel	[F8Q620]	01.97-	111722	14 75	01.97-	111251	12 1.1
		AC 04.97-	111719	14 120	05.97-	113761	12 0.9
		AC 05.97-	112679	14 110			
	[F8Q622]	04.99-	112470	14 110	04.99-	113481	12 1.4
	[F8Q624]	09.96- 08.03	111719	14 120	09.96- 08.03	111251	12 1.1
		09.96- 08.03	111722	14 75	09.96- 08.03	112474	12 1.8
		09.96- 08.03	112679	14 110	09.96- 08.03	114074	12 2.2
	[F8Q790]	03.97-	111722	14 75	03.97-	111251	12 1.1
		04.99-	112470	14 110	04.99-	113481	12 1.4
		AC 04.97-	111719	14 120	05.97-	113761	12 0.9
	AC 05.97-	112679	14 110				
		08.95- 09.00	111718	14 75			
		AC 08.95- 09.00	112458	14 120			
Megane 1.9 Diesel Eco	[F8Q620]	01.97-	111722	14 75	01.97-	111251	12 1.1
		AC 04.97-	111719	14 120	05.97-	113481	12 1.4
		AC 05.97-	112679	14 110			
	[F8Q624]	01.96- 08.03	111719	14 120	01.96- 08.03	111251	12 1.1
		01.96- 08.03	111722	14 75	01.96- 08.03	112474	12 1.8
		01.96- 08.03	112679	14 110	01.96- 08.03	114074	12 2.2
Megane 1.9 Diesel Kombi Van	[F8Q622]	02.00- 09.00	111718	14 75	02.00- 09.00	111251	12 1.1
		AC 02.00- 09.00	112458	14 120	02.00- 09.00	113481	12 1.4
	[F9Q744]	04.01- 07.03	111718	14 75	04.01- 07.03	111251	12 1.1
		04.01- 07.03	112470	14 110	04.01- 07.03	113481	12 1.4
		AC 04.01- 07.03	112458	14 120			
Megane 1.9 DTi	[F9Q731]	03.99-	111718	14 75	03.99-	111251	12 1.1
	[F9Q736]	03.99-	111718	14 75	03.99-	111251	12 1.1
	[F9Q744]	02.01-	111718	14 75	02.01-	111251	12 1.1
		02.01-	112458	14 120 A47	02.01-	113481	12 1.4
		02.01-	112470	14 110			
Megane 1.9 TD	[F8Q784]	01.97-	111722	14 75	01.97-	111251	12 1.1
		AC 11.95- 05.97	112679	14 110	11.95- 05.97	113481	12 1.4
		AC 04.97-	111719	14 120	09.96- 05.97	113761	12 0.9
	[F8Q786]	09.96- 08.03	111719	14 120	09.96- 08.03	111251	12 1.1
		09.96- 08.03	111722	14 75	09.96- 08.03	112474	12 1.8
		09.96- 08.03	112679	14 110	09.96- 08.03	114074	12 2.2
Megane 1.9 TDi	[F8Q784]	06.97-	111722	14 75	06.97-	111251	12 1.1
		AC 06.97-	111719	14 120			
	[F9Q730]	06.97-	111722	14 75	06.97-	111251	12 1.1
		AC 06.97-	111719	14 120			
	[F9Q731]	03.99- 10.02	111718	14 75	03.99- 10.02	111251	12 1.1
		AC 03.97- 02.01	112458	14 120 A47	A13 03.97- 02.01	113481	12 1.4
	[F9Q734]	06.97-	111722	14 75	06.97-	111251	12 1.1
		AC 06.97-	111719	14 120			
	[F9Q736]	03.99- 10.02	111718	14 75	03.99- 10.02	111251	12 1.1
		AC 03.97- 02.01	112458	14 120 A47	A13 03.97- 02.01	113481	12 1.4
Megane 2.0 DCi	[M9R610]	04.09-	116216	14 210			
	[M9R615]	04.09-	116216	14 210			
	[M9R700]	09.05-	115857	14 150			
		09.05-	116216	14 210			
	[M9R722]	09.05-	115857	14 150			
		09.05-	116216	14 210			
	[M9R724]	01.07-	115857	14 150			
Megane 2.0 dCi Grandtour	[M9R610]	07.12-	116216	14 210			
Megane 2.0	[F3R750]	04.97-	111722	14 75	04.97-	112474	12 1.8
		AC 04.97-	112679	14 110	04.97-	114074	12 2.2
	[F3R796]	05.98- 05.01	111722	14 75	05.98- 05.01	112474	12 1.8
		05.98- 05.01	112679	14 110	05.98- 05.01	114074	12 2.2
	[F4R770]	08.03-	113919	14 125	08.03-	113897	12 1.4
		09.03-	114039	14 120 A49	09.03-	114814	12 0.9
	[F4R771]	08.03-	113919	14 125	08.03-	113897	12 1.4
		09.03-	114039	14 120 A49	09.03-	114814	12 0.9
					09.03-	115341	12 1.0
		[F4R774]	08.06-	113919	14 125	08.06-	113897
	[F4R874]	11.08-	115921	14 120			
Megane 2.0 R.S.	[F4R874]	07.14-	115921	14 120			
Megane 2.0 Sport	[F4R774]	05.04-	113919	14 125	05.04-	113897	12 1.4
	[F4Rt774]	05.04-	113919	14 125	05.04-	113897	12 1.4
Megane 2.0 16V	[F4R746]	09.01- 10.02	112144	14 98	09.01- 10.02	112218	12 1.0
		01.02- 08.03	114122	14 150	01.02- 08.03	116375	12 1.7
	[F4R770]	01.02-	112144	14 98	01.02-	112218	12 1.0
		11.02-	113919	14 125	11.02-	113897	12 1.4
		[F4R870]	11.08-	116066	14 120		



	[F4R872]	11.08-	116066	14 120				
	[F7R714]	03.96-	111718	14 75	03.96-	111251	12 1.1	
		03.99-	112144	14 98	03.99-	112295	12 1.7	
	[M4R711]	02.09-	116184	14 150				
	[M4R713]	02.09-	116184	14 150				
	[M4RF713]	05.09-	116184	14 150				
Megane 2.0 i	[F3R750]	09.96-	111722	14 75	09.96-	111251	12 1.1	
		03.99-	112679	14 110	03.99-	112474	12 1.8	
					03.99-	113761	12 0.9	
					03.99-	114074	12 2.2	
					01.96- 04.97	113481	12 1.4	
	[F3R751]	01.96- 08.03	111722	14 75	01.96- 08.03	112474	12 1.8	
		03.96- 08.03	112679	14 110	03.96- 08.03	114074	12 2.2	
					03.99- 08.03	113897	12 1.4	
	[F3R752]	09.96- 08.03	111722	14 75	09.96- 08.03	112474	12 1.8	
		09.96- 08.03	112679	14 110	09.96- 08.03	113897	12 1.4	
	[F3R791]	09.96- 08.03	111722	14 75	09.96- 08.03	112474	12 1.8	
		09.96- 08.03	112679	14 110	09.96- 08.03	113897	12 1.4	
					03.99-	114074	12 2.2	
	[F3R796]	09.96- 08.03	111722	14 75	09.96- 08.03	112474	12 1.8	
		09.96- 08.03	112679	14 110	09.96- 08.03	113897	12 1.4	
					01.99-	113761	12 0.9	
					09.96- 09.03	114074	12 2.2	
	[F3R797]	09.96- 08.03	111722	14 75	09.96- 08.03	112474	12 1.8	
		09.96- 08.03	112679	14 110	09.96- 08.03	113897	12 1.4	
	[F3R798]	09.96- 08.03	111722	14 75	09.96- 08.03	112474	12 1.8	
		09.96- 08.03	112679	14 110	09.96- 08.03	113897	12 1.4	
Megane 2.0 iDE 16V	[F5R740]	11.99-	111718	14 75	11.99-	111251	12 1.1	
		AC 11.99-	112144	14 98	11.99-	112218	12 1.0	
Megane 2.0 TCe	[F4R872]	06.12-	115921	14 120				
	[F4R874]	05.09-	115921	14 120				
Megane 2.0 TCe TCe 220	[F4R874]	11.13-	115921	14 120				
Megane 2.0 Turbo 16V	[F4R776]	05.04-	113919	14 125	05.04-	113897	12 1.4	
		05.04-	114039	14 120 A49	05.04-	114869	12 1.4	
					05.04-	115341	12 1.0	
Megane CC 1.2 TCe	[H5F400]	09.12- 08.15	115356	14 150	09.12- 08.15	115829	12 2.0	
		09.12- 08.15	115921	14 120	09.12- 08.15	115698	12 1.1	
		09.12- 08.15	116710	14 150				
Megane CC 1.5 DCi	[K9K837]	06.10-	114721	14 150 A49	06.10-	113897	12 1.4	
		06.10-	115651	14 210	06.10-	115728	12 1.2	
		06.10-	116323	14 150				
		06.10-	116562	14 120				
Megane CC 1.6 16V Hi-Flex	[K4M866]	06.10-	114721	14 150	06.10-	115341	12 1.0	
		06.10-	116233	14 150				
		06.10-	116323	14 150				
Megane CC 1.6 DCi	[R9M402]	04.11-	114826	14 185 A49	04.11-	114869	12 1.4	
		04.11-	116324	14 185				
		04.11-	116710	14 150				
Megane CC 1.6 16V	[K4M858]	06.10-	114463	14 120	06.10-	114074	12 2.2	
		06.10-	114721	14 150 A49	06.10-	115341	12 1.0	
		06.10-	115382	14 120	06.10-	115842	12 1.0	
		06.10-	116323	14 150				
Megane CC 1.9 DCi	[F9Q870]	06.10-	115649	14 150	06.10-	115842	12 1.0	
		06.10-	115921	14 120	06.10-	115728	12 1.2	
		06.10-	116066	14 120	06.10-	115629	12 1.0	
Megane CC 2.0 DCi	[M9R610]	06.10-	116216	14 210				
Megane CC 2.0 TCe	[F4R870]	06.10-	115921	14 120	06.10-	115685	12	
	[F4R872]	06.10-	115921	14 120	06.10-	115698	12 1.1	
Megane Grand Coupe 1.2 Tce 130	[H5F408]	10.16-	115921	14 120	10.16-	116262	12 0.8	
		10.16-	116240	14 125				
		10.16-	116710	14 150				
Megane Grand Coupe 1.5 DCi 110	[K9K656]	10.16-	114463	14 120	10.16-	113897	12 1.4	
		10.16-	114721	14 150	10.16-	115361	12 1.0	
		10.16-	115431	14 150	10.16-	116367	12 1.7	
		10.16-	116323	14 150				
		10.16-	116355	14 150				
Megane Grand Coupe 1.5 DCi 90	[K9K656]	10.16-	116381	14 150				
Megane Grand Coupe 1.6 DCi 130	[R9M409]	10.16-	116225	14 150	10.16-	116277	12 0.9	
		10.16-	116743	14 185				
		10.16-	116561	14 185				
Megane Grand Coupe 1.6 Sce		10.16-	116225	14 150	10.16-	116278	12 1.5	
Megane Grandtour 1.6 TCe 165	[M5M450]	07.17-	116743	14 185				
		07.17-	116561	14 185				
Megane Iv Hatchback 1.4 Tce TCe 160 (B9NC)	[H5H490]	08.20-	116225	14 150				
Megane Iv Hatchback 1.6 E-TECH 160 (B9NH)	[H4M630]	07.21-	116225	14 150				
Megane Scenic 1.9 Diesel	[F8Q786]	01.97- 09.99	111722	14 75	01.97- 09.99	112295	12 1.7	
		01.97- 09.99	112679	14 110				
Megane Scenic 1.9 DTi	[F9Q734]	04.97- 09.99	111722	14 75	04.97- 09.99	112295	12 1.7	
		AC 04.97- 09.99	111719	14 120				
Megane Sport Tourer 1.3 TCe 100	[H5H470]	A13 08.18-	116225	14 150	08.18-	113897	12 1.4	
Megane Sport Tourer 1.3 TCe 160	[H5H470]	A13 07.18-	116225	14 150	07.18-	113897	12 1.4	
Megane Sport Tourer 1.5 Blue dCi 115	[K9K873, K9K872]	A13 08.18-	116381	14 150				
Megane Sport Tourer 1.5 Blue dCi 95	[K9K872]	A13 08.18-	116381	14 150				
Megane Sporter 1.4 Tce TCe 160	[H5H490]	08.20-	116225	14 150				
Megane Sporter 1.6 E-TECH 160	[H4M630]	05.20-	116225	14 150				
Modus 1.1 GPL	[D4F744]	05.08- 12.12	114131	14 90	05.08- 12.12	114057	12 1.1	
Modus 1.2 16V Hi-Flex	[D4F740]	10.08-	114131	14 90 BO	10.08-	114057	12 1.1	
		10.08-	116368	14 90 VA				
Modus 1.2	[D4F740]	12.04-	114131	14 90 BO	12.04-	111641	12 0.7	
		12.04-	116368	14 90 VA				
	[D4F764]	12.04-	114131	14 90 BO	12.04-	111641	12 0.7	
		12.04-	116368	14 90 VA				
[D4F786]		04.11-	114131	14 90 BO	04.11-	114057	12 1.1	
		04.11-	116368	14 90 VA				
Modus 1.2 16V	[D4F784]	05.07-	114131	14 90 BO	05.07-	111641	12 0.7	
		05.07-	116368	14 90 VA				



RENAULT Continued

Modus 1.4	[K4J 770]	12.04-	114463	14	120	12.04-	115640	12	1.0
		12.04-	115382	14	120				
	[K4J 780]	12.04-	114463	14	120	12.04-	114057	12	1.1
		12.04-	115382	14	120				
Modus 1.5 DCi	[K9K750]	09.04-	114721	14	150 A49	09.05-	113897	12	1.4
		09.04-	116323	14	150				
		09.05-	114463	14	120				
	[K9K752]	12.04-	114463	14	120	12.04-	113897	12	1.4
		12.04-	114721	14	150 A49	12.04-	115640	12	1.0
		12.04-	116323	14	150				
	[K9K760]	12.04-	114463	14	120	12.04-	114057	12	1.1
		12.04-	114721	14	150 A49	12.04-	115640	12	1.0
		12.04-	116323	14	150				
	[K9K762]	12.04-	114463	14	120	12.04-	114057	12	1.1
		12.04-	114721	14	150 A49	12.04-	115640	12	1.0
		12.04-	116323	14	150				
	[K9K764]	05.05-	114463	14	120	05.05-	113897	12	1.4
		05.05-	114721	14	150 A49	05.05-	115640	12	1.0
		05.05-	116323	14	150				
	[K9K766]	12.04-	114463	14	120	12.04-	113897	12	1.4
		12.04-	114721	14	150 A49				
		12.04-	116323	14	150				
	[K9K768]	12.04-	114463	14	120	12.04-	113897	12	1.4
		12.04-	114721	14	150 A49	12.04-	115640	12	1.0
		12.04-	116323	14	150				
	[K9K770]	10.10-	114721	14	150 A49				
		10.10-	116323	14	150				
	[K9K772]	05.07-	114463	14	120	05.07-	113897	12	1.4
		05.07-	114721	14	150 A49	05.07-	115640	12	1.0
		05.07-	116323	14	150				
Modus 1.6	[K4M790]	12.04-	114463	14	120	12.04-	114057	12	1.1
		12.04-	115382	14	120				
	[K4M800]	12.04-	114463	14	120	12.04-	113927	12	1.4
		12.04-	115382	14	120				
Modus 1.6 i 16V	[K4M791]	12.04-	114463	14	120	12.04-	113897	12	1.4
		12.04-	115382	14	120				
	[K4M792]	12.04-	114463	14	120	12.04-	114057	12	1.1
		12.04-	115382	14	120				
R11 1.1	[C1E715]	10.84- 03.91	111082	14	60	03.83- 03.91	110585	12	1.2
	[C1E720]	10.84- 03.91	111082	14	60	03.83- 03.91	110585	12	1.2
R11 1.2	[C1G700]	10.84- 02.86	111082	14	60	10.84- 02.86	110585	12	1.2
	[C1G710]	06.86- 03.91	111082	14	60	06.86- 03.91	110585	12	1.2
R11 1.4	[C1J715]					03.83- 12.85	110585	12	1.2
		10.84- 12.85	111082	14	60				
	[C2J717]	10.84- 03.91	111082	14	60	10.84- 03.91	110585	12	1.2
	[C2J718]	10.84- 03.91	111082	14	60	10.84- 03.91	110585	12	1.2
	[C2J720]	10.84- 03.91	111082	14	60	10.84- 03.91	110585	12	1.2
	[C2J730]					03.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60				
	[C2J755]	10.84- 03.91	111082	14	60	10.84- 03.91	110585	12	1.2
	[C2J757]	10.84- 12.84	111082	14	60	10.84- 12.84	110585	12	1.2
	[C2J766]					03.83- 03.91	110585	12	1.2
		10.84- 03.91	111082	14	60				
	[C2J767]	10.84- 03.91	111082	14	60	10.84- 03.91	110585	12	1.2
	[C2J768]	06.85- 03.91	111082	14	60	06.85- 03.91	110585	12	1.2
	[C1J760]	10.84- 12.86	111082	14	60	10.84- 12.86	110585	12	1.2
	[C1J764]	10.84- 03.91	111082	14	60	10.84- 03.91	110585	12	1.2
R11 1.4 Turbo	[C1J770]	06.85- 03.91	111082	14	60	06.85- 03.91	110585	12	1.2
	[C1J782]	06.85- 03.91	111082	14	60	06.85- 03.91	110585	12	1.2
R11 1.6 Diesel	[F8M700]					08.83- 03.91	112295	12	1.7
						08.83- 12.88	113481	12	1.4
						08.83- 12.88	113481	12	1.4
	[F8M720]					08.83- 09.87	112295	12	1.7
						08.83- 12.88	113481	12	1.4
						10.87- 03.91	112295	12	1.7
R11 1.7	[F2N710]					10.86- 03.91	110585	12	1.2
						10.86- 03.91	110585	12	1.2
						10.86- 03.91	110585	12	1.2
	[F2N730]					06.87- 12.88	110585	12	1.2
	[F2N732]	06.87- 12.88	111082	14	60	06.87- 12.88	110585	12	1.2
	[F3N708]	06.87- 12.88	111082	14	60	06.87- 12.88	110585	12	1.2
R12 1.3	[F3N718]					10.84- 03.91	110585	12	1.2
	[B10]					06.80- 08.80	110866	12	0.9
R12 1.3 Turbo TS	[B10-06]					06.80- 08.80	110866	12	0.9
	[B10-06]					06.80- 08.80	110866	12	0.9
R18 2.0	[J6R716]					10.81- 02.86	111063	12	1.2
R18 2.0 4x4	[J6R714]					05.83- 12.86	111063	12	1.2
	[J6R716]					05.83- 12.86	111063	12	1.2
R18 2.1 Diesel	[B52710]					11.81- 07.86	112541	12	2.2
	[J85711]					11.81- 07.86	112541	12	2.2
R19 1.2	[C1G730]	01.88- 12.92	111082	14	60	01.88- 12.92	110585	12	1.2
		01.88- 12.92	112728	14	55				
R19 1.4	[C2J772]	01.89- 12.89	111082	14	60	01.89- 12.89	110585	12	1.2
		01.89- 12.89	112728	14	55	10.89- 04.92	111251	12	1.1
	[C3J710]	09.88- 04.92	111082	14	60	09.88- 04.92	110585	12	1.2
		09.88- 04.92	112728	14	55	10.89- 04.92	111251	12	1.1
	[E6J700]	01.88- 12.01	111325	14	70	01.88- 12.01	110585	12	1.2
		01.88- 12.92	112756	14	60	01.88- 12.92	111251	12	1.1
	[E6J701]					01.88- 12.92	113481	12	1.4
						01.88- 12.92	113481	12	1.4
	[E7J]	03.92- 12.95	111325	14	70	03.92- 12.95	110585	12	1.2
		03.92- 12.95	112756	14	60	03.92- 12.95	111251	12	1.1



	[E7J742]	PS	01.92- 11.95	112756	14 60	01.92- 12.01	111251	12 1.1
			11.93- 08.95	111325	14 70	11.93- 08.95	110585	12 1.2
R19 1.4 Chamade	[E7J745]					10.94- 11.95	111251	12 1.1
R19 1.7	[F3N740]					A13 09.88- 04.92	112295	12 1.7
	[F3N741]					A13 09.88- 04.92	112295	12 1.7
	[F3N742]					A13 09.88- 04.92	112295	12 1.7
						09.88- 04.92	111251	12 1.1
	[F3N743]					AT 09.88- 04.92	112295	12 1.7
						09.88- 04.92	111251	12 1.1
R19 1.7 Chamade	[F2N724]					05.92- 11.95	111251	12 1.1
R19 1.8	[F3P682]					05.92- 12.95	111251	12 1.1
						A13 11.94- 06.96	113481	12 1.4
	[F3P700]					04.92- 05.94	111251	12 1.1
	[F3P704]					04.92- 12.95	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P705]					04.92- 12.95	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P706]					04.92- 12.95	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P707]					04.92- 12.95	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P708]					04.92- 12.95	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P760]					04.92- 12.95	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P764]					07.94- 06.96	113481	12 1.4
						11.94- 06.96	111251	12 1.1
	[F3P765]					07.94- 06.96	113481	12 1.4
						10.94- 06.96	111251	12 1.1
R19 1.8 Chamade	[F3P700]					05.92- 11.95	111251	12 1.1
	[F3P765]					05.92- 09.94	111251	12 1.1
R19 1.8 RT	[F3P700]					04.92- 05.94	111251	12 1.1
	[F3P706]					04.92- 12.95	111251	12 1.1
	[F3P760]					04.92- 12.95	111251	12 1.1
R19 1.8 16V	[F7P704]					06.89- 04.92	112295	12 1.7
						06.89- 04.92	113481	12 1.4
R19 1.9 Diesel	[F8Q706]		09.88- 04.92	113500	14 70	01.88- 12.92	113481	12 1.4
						09.88- 04.92	111251	12 1.1
	[F8Q742]		06.90- 04.92	113500	14 70	09.88- 04.92	112295	12 1.7
						06.90- 04.92	111251	12 1.1
						06.90- 04.92	112295	12 1.7
						06.90- 12.92	113481	12 1.4
R19 1.9 DT	[F8Q740]		03.92- 12.95	113500	14 70	09.90- 04.92	112295	12 1.7
						03.92- 12.95	111251	12 1.1
						03.92- 12.95	113481	12 1.4
	[F8Q744]		04.92-	113500	14 70	04.92-	111251	12 1.1
						04.92-	112295	12 1.7
R20 2.0	[829.01]					10.77- 10.80	111063	12 1.2
	[829700]					07.82- 12.83	111063	12 1.2
	[829701]					07.82- 12.83	111063	12 1.2
	[829702]					07.82- 12.83	111063	12 1.2
	[829703]					07.82- 12.83	111063	12 1.2
R20 2.2	[851700]					07.82- 12.83	111063	12 1.2
R21 1.4	[C2J770]		09.89- 05.93	112728	14 55	09.89- 05.93	111063	12 1.2
R21 1.7	[F3N722]					A13 09.89-	112295	12 1.7
	[F3N723]					AT 03.86-	112295	12 1.7
R21 1.9 Diesel	[F8Q710]		03.86-	113500	14 70	03.86-	111063	12 1.2
						03.86-	112295	12 1.7
R21 2.0	[J6R758]	AC	03.86- 03.93	111319	14 105	03.86- 03.93	111251	12 1.1
	[J6R759]	AC	03.86- 03.93	111319	14 105	03.86- 03.93	111251	12 1.1
	[J6R792]	AC	03.86- 03.93	111319	14 105	03.86- 03.93	111251	12 1.1
	[J6R793]	AC	03.86- 03.93	111319	14 105	03.86- 03.93	111251	12 1.1
	[J7R740]	AC	09.89- 12.93	111319	14 105	09.89- 12.93	111251	12 1.1
						02.90- 06.94	111063	12 1.2
						06.90- 02.94	110585	12 1.2
	[J7R746]	AC	03.86- 12.94	111319	14 105	03.86- 12.94	111063	12 1.2
	[J7R747]					03.86- 12.94	111063	12 1.2
						03.86- 12.94	111063	12 1.2
	[J7R750]	AC	03.86- 03.93	111319	14 105	03.86- 03.93	110585	12 1.2
	[J7R751]	AC	03.86- 03.93	111319	14 105	03.86- 03.93	110585	12 1.2
R21 2.0 4x4	[J7R740]					12.89- 02.94	111063	12 1.2
		AC	12.89- 02.94	111319	14 105			
	[J7R746]	AC	06.90- 12.95	111319	14 105	06.90- 12.95	111251	12 1.1
	[J7R747]	AC	06.90- 12.95	111319	14 105	06.90- 12.95	111251	12 1.1
R21 2.0 Turbo	[J7R752]	AC	04.87- 03.92	111319	14 105	04.87- 03.92	110585	12 1.2
	[J7R756]	PS	08.87-	111319	14 105	08.87-	111063	12 1.2
R21 2.0 Turbo 4x4	[J7R752]	AC	08.89- 10.93	111319	14 105	08.89- 10.93	111251	12 1.1
	[J7R756]	AC	02.90- 10.92	111319	14 105	02.90- 10.92	111063	12 1.2
R21 2.1 Diesel	[J8S600]	AC	04.92- 06.94	111319	14 105	04.92- 06.94	111251	12 1.1
						04.92- 12.95	110585	12 1.2
	[J8S704]	AC	03.86- 08.95	111319	14 105	03.86- 08.95	110585	12 1.2
	[J8S740]	AC	05.89- 03.93	111319	14 105	05.89- 03.93	111251	12 1.1
						05.89- 12.95	110585	12 1.2
	[J8S784]	AC	02.92-	111319	14 105	02.92-	110585	12 1.2
		AC				04.92- 06.94	111251	12 1.1
R21 2.1 Diesel 4x4	[J8S704]	AC	10.88- 05.92	111319	14 105	10.88- 05.92	110585	12 1.2
R21 2.1 TD	[J8S714]	AC	03.86- 03.93	111319	14 105	03.86- 03.93	111251	12 1.1
		AC				10.86- 06.89	110585	12 1.2
	[J8S786]	AC	06.91- 12.94	111319	14 105	06.91- 12.94	111251	12 1.1
						06.91- 12.95	110585	12 1.2
	[J8S788]	AC	09.89- 03.93	111319	14 105	09.89- 03.93	111251	12 1.1
						06.90- 12.95	110585	12 1.2
R21 2.2	[J7T754]	AC	07.86- 12.94	111319	14 105	07.86- 12.94	111063	12 1.2
	[J7T755]	AC	07.86- 12.94	111319	14 105	07.86- 12.94	111063	12 1.2
R21 2.2 4x4	[J7T754]	AC	06.86- 12.93	111319	14 105	07.90- 06.94	111063	12 1.2
	[J7T755]					07.90- 02.94	111063	12 1.2
		AC	06.86- 12.93	111319	14 105			
R25 2.0	[J6R706]	AC	04.84- 12.92	111319	14 105	04.84- 12.92	111063	12 1.2



RENAULT Continued

	[J6R707]	AC 04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
	[J6R760]	AC 04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
	[J6R762]	AC 04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
	[J6R763]	AC 04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
R25 2.0 12V	[J7R720]	AC 06.88- 12.93	111319	14	105	06.88- 12.93	111063	12	1.2
	[J7R726]	AC 06.89- 12.92	111319	14	105				
R25 2.1 Diesel	[J8S706]	AC 04.84- 05.89	111319	14	105				
	[J8S736]	AC 06.89- 12.92	111319	14	105	06.89- 12.92	111063	12	1.2
R25 2.1 TD	[J8S708]	AC 04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
	[J8S738]	AC 06.89- 12.92	111319	14	105	06.89- 12.92	111063	12	1.2
R25 2.2	[J7T706]	AC 01.84- 06.92	111319	14	105				
	[J7T707]	AC 01.84- 06.92	111319	14	105	01.84- 06.92	111063	12	1.2
	[J7T708]	AC 10.85- 10.86	111319	14	105	10.85- 10.86	111063	12	1.2
	[J7T714]	AC 01.84- 06.92	111319	14	105	01.84- 06.92	111063	12	1.2
	[J7T715]	AC 01.84- 06.92	111319	14	105	01.84- 06.92	111063	12	1.2
	[J7T730]	AC 04.84- 12.89	111319	14	105	04.84- 12.89	111063	12	1.2
	[J7T731]	AC 04.84- 12.89	111319	14	105	04.84- 12.89	111063	12	1.2
	[J7T732]	AC 11.85- 03.89	111319	14	105	11.85- 03.89	111063	12	1.2
	[J7T733]	AC 09.86- 12.92	111319	14	105	09.86- 12.92	111063	12	1.2
R4 0.8	[800]					04.68- 09.83	110856	12	0.6
	[80001]					09.66- 12.88	110856	12	0.6
						09.71- 12.88	110367	12	1.0
	[800705]					10.62- 09.83	110367	12	1.0
						04.83- 12.93	110856	12	0.6
	[B1B707]					04.83- 12.93	110856	12	0.6
R4 1.0	[C1C708]					06.87- 06.93	110866	12	0.9
R4 1.1	[688711]					10.76- 07.89	110367	12	1.0
						12.81- 12.93	110866	12	0.9
	[688712]					10.76- 07.89	110367	12	1.0
						06.78- 06.90	110520	24	4.0
						12.81- 12.93	110856	12	0.6
						12.81- 12.93	110866	12	0.9
	[C1E714]					10.76- 07.89	110367	12	1.0
						06.78- 06.90	110520	24	4.0
						12.81- 12.93	110856	12	0.6
						12.81- 12.93	110866	12	0.9
	[C1E718]					10.76- 07.89	110367	12	1.0
						12.81- 12.93	110866	12	0.9
	[C1E719]					10.76- 07.89	110367	12	1.0
						12.81- 12.93	110856	12	0.6
						12.81- 12.93	110866	12	0.9
R5 1.0	[689710]					01.72- 12.85	110367	12	1.0
	[C1C700]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55				
R5 1.1	[C1E750]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55	10.84- 12.96	111251	12	1.1
	[C1E752]	10.84- 06.89	111082	14	60	10.84- 06.89	110585	12	1.2
		10.84- 06.89	112728	14	55	10.84- 06.89	110866	12	0.9
				14	55	10.84-	110856	12	0.6
	[C1E754]	10.84- 06.89	111082	14	60	10.84- 06.89	110585	12	1.2
		10.84- 06.89	112728	14	55	10.84- 06.89	110866	12	0.9
	[C1E756]	06.87-	111082	14	60	06.87-	110585	12	1.2
		06.87-	112728	14	55	06.87-	110866	12	0.9
	[C1E760]	08.90- 12.96	112728	14	55	01.86- 03.95	111251	12	1.1
R5 1.3	[810719]					06.79- 09.84	110367	12	1.0
	[810725]					09.75- 09.84	110367	12	1.0
	[810726]					09.76- 09.79	110367	12	1.0
	[810729]					06.79- 09.84	110367	12	1.0
R5 1.4	[847725]					01.82- 12.85	110367	12	1.0
	[C1J768]	10.84-	111082	14	60	10.84-	110585	12	1.2
		10.84- 12.96	112728	14	55	10.84- 12.96	110866	12	0.9
	[C1J780]	10.84- 06.89	111082	14	60	10.84- 06.89	110585	12	1.2
		10.84- 06.89	112728	14	55	10.84- 06.89	110866	12	0.9
	[C2J700]	06.87- 12.96	111082	14	60	06.87- 12.96	110585	12	1.2
		06.87- 12.96	112728	14	55	06.87- 12.96	111251	12	1.1
	[C2J713]					01.82- 12.85	110367	12	1.0
	[C2J780]	10.84- 06.87	111082	14	60	10.84- 06.87	110585	12	1.2
		10.84- 06.87	112728	14	55	10.84- 06.87	111251	12	1.1
	[C2J781]	10.84- 07.89	111082	14	60	10.84- 07.89	110585	12	1.2
		10.84- 07.89	112728	14	55	10.84- 07.89	110866	12	0.9
	[C2J782]	06.87- 12.96	111082	14	60	06.87- 12.96	110585	12	1.2
		06.87- 12.96	112728	14	55	06.87- 12.96	111251	12	1.1
	[C2J784]	06.87- 12.96	111082	14	60	06.87- 12.96	110585	12	1.2
		06.87- 12.96	112728	14	55	06.87- 12.96	110866	12	0.9
						06.87- 12.96	111251	12	1.1
	[C2J788]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55	10.84- 12.96	111251	12	1.1
	[C2J789]	10.84- 07.89	111082	14	60	10.84- 07.89	110585	12	1.2
		10.84- 07.89	112728	14	55	10.84- 07.89	110866	12	0.9
						10.84- 12.96	111251	12	1.1
	[C2J798]	10.84- 07.89	111082	14	60	10.84- 07.89	110585	12	1.2
		10.84- 07.89	112728	14	55	10.84- 07.89	110866	12	0.9
						10.84- 07.89	111251	12	1.1
	[C3J700]	10.84- 10.87	111082	14	60	10.84- 10.87	110585	12	1.2
		10.84- 10.87	112728	14	55	10.84- 10.87	111251	12	1.1
	[C3J702]	10.85- 02.88	111082	14	60	10.85- 02.88	110585	12	1.2
		10.85- 02.88	112728	14	55	10.85- 02.88	111251	12	1.1
	[C3J760]	10.85- 12.96	111082	14	60	10.85- 12.96	110585	12	1.2
		10.85- 12.96	112728	14	55	10.85- 12.96	111251	12	1.1
R5 1.4 Turbo GT	[C1J782]	10.84- 08.90	111082	14	60	10.84- 08.90	110585	12	1.2
	[C1J784]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
	[C1J788]	06.87- 12.96	111082	14	60	06.87- 12.96	110585	12	1.2
R5 1.6 Diesel	[F8M720]					08.85- 12.96	113481	12	1.4
						10.87- 12.96	112295	12	1.7
	[F8M730]					08.85- 12.96	113481	12	1.4
						10.87- 12.96	112295	12	1.7
R5 1.7	[F2N740]					06.87- 12.96	111251	12	1.1
	[F2N742]					06.87- 12.96	111251	12	1.1
	[F3N702]					10.86- 12.96	111251	12	1.1



	[F3N716]				10.86- 12.96	111251	12	1.1
	[F3N717]				10.86- 12.96	111251	12	1.1
	[F3N722]				10.86- 12.96	111251	12	1.1
R9 1.1	[C1E715]	10.84- 10.87	111082	14 60	10.84- 10.87	110585	12	1.2
		10.84- 10.87	112728	14 55				
	[C1E720]	10.84- 10.87	111082	14 60	10.84- 10.87	110585	12	1.2
		10.84- 10.87	112728	14 55				
R9 1.2	[C1G700]	09.85- 12.86	111082	14 60	09.85- 12.86	110585	12	1.2
		09.85- 12.86	112728	14 55	09.85- 12.86	112295	12	1.7
	[C1G710]	12.86- 03.91	111082	14 60	12.86- 03.91	110585	12	1.2
		12.86- 03.91	112728	14 55	12.86- 03.91	112295	12	1.7
R9 1.4	[C1J715]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12	1.2
		10.84- 03.91	112728	14 55				
	[C1J792]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12	1.2
		10.84- 03.91	112728	14 55				
	[C1J796]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12	1.2
		10.84- 03.91	112728	14 55				
	[C2J717]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12	1.2
		10.84- 03.91	112728	14 55	10.84- 03.91	111251	12	1.1
	[C2J718]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12	1.2
		10.84- 03.91	112728	14 55				
	[C2J720]	10.86- 06.87	111082	14 60	10.86- 06.87	110585	12	1.2
		10.86- 06.87	112728	14 55				
	[C2J730]	10.86- 03.91	111082	14 60	10.86- 03.91	110585	12	1.2
		10.86- 03.91	112728	14 55				
	[C2J755]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12	1.2
		10.84- 03.91	112728	14 55	10.84- 03.91	112295	12	1.7
	[C2J757]	09.81- 12.85	111082	14 60	09.81- 12.85	110585	12	1.2
		09.81- 12.85	112728	14 55	09.81- 12.85	111251	12	1.1
	[C2J766]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12	1.2
		10.84- 03.91	112728	14 55				
	[C2J767]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12	1.2
		10.84- 03.91	112728	14 55				
	[C2J768]	09.85- 03.91	111082	14 60	09.85- 03.91	110585	12	1.2
		09.85- 03.91	112728	14 55	09.85- 03.91	111251	12	1.1
R9 1.4 Turbo	[C1J760]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12	1.2
		10.84- 03.91	112728	14 55				
	[C1J764]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12	1.2
		10.84- 03.91	112728	14 55				
Rapid 1.0	[C1C706]	02.86- 05.92	112728	14 55	02.86- 05.92	111251	12	1.1
Rapid 1.1	[C1E750]	07.85- 04.95	111082	14 60	07.85- 04.95	110585	12	1.2
		07.85- 04.95	112728	14 55	07.85- 04.95	112295	12	1.7
	[C1E752]	07.85- 04.95	111082	14 60	07.85- 04.95	110585	12	1.2
		07.85- 04.95	112728	14 55	07.85- 04.95	111251	12	1.1
	[C1E754]	07.85- 04.95	111082	14 60	07.85- 04.95	110585	12	1.2
		07.85- 04.95	112728	14 55	07.85- 04.95	111251	12	1.1
	[C1E756]	06.87- 08.91	112728	14 55	06.87- 08.91	111251	12	1.1
	[C1E760]	07.85- 04.95	111082	14 60	07.85- 04.95	110585	12	1.2
		07.85- 04.95	112728	14 55	07.85- 04.95	111251	12	1.1
	[C1E762]	07.85- 04.95	111082	14 60	07.85- 04.95	110585	12	1.2
		07.85- 04.95	112728	14 55	07.85- 04.95	112295	12	1.7
	[C1E792]	07.85- 04.95	111082	14 60	07.85- 04.95	110585	12	1.2
		07.85- 04.95	112728	14 55	07.85- 04.95	112295	12	1.7
Rapid 1.2	[C3G710]	09.91- 10.97	111082	14 60	09.91- 10.97	110585	12	1.2
		09.91- 10.97	112728	14 55	09.91- 10.97	112295	12	1.7
	[C3G712]	09.91- 10.97	111082	14 60	09.91- 10.97	110585	12	1.2
		09.91- 10.97	112728	14 55	09.91- 10.97	112295	12	1.7
Rapid 1.4	[C1J768]	07.85- 08.91	111082	14 60	07.85- 08.91	110585	12	1.2
		07.85- 08.91	112728	14 55	07.85- 08.91	111251	12	1.1
	[C1J780]	07.85- 08.91	111082	14 60	07.85- 08.91	110585	12	1.2
		07.85- 08.91	112728	14 55	07.85- 08.91	111251	12	1.1
	[C2J784]	06.87- 12.96	111082	14 60	06.87- 12.96	110585	12	1.2
		06.87- 12.96	112728	14 55	06.87- 12.96	111251	12	1.1
	[C3J700]	03.86- 05.87	111082	14 60	03.86- 05.87	110585	12	1.2
		03.86- 05.87	112728	14 55	03.86- 05.87	112295	12	1.7
	[C3J702]	06.87- 08.91	111082	14 60	06.87- 08.91	110585	12	1.2
		06.87- 08.91	112728	14 55	06.87- 08.91	112295	12	1.7
	[C3J760]	06.87- 08.91	111082	14 60	06.87- 08.91	110585	12	1.2
		06.87- 08.91	112728	14 55	06.87- 08.91	112295	12	1.7
	[C3J762]	09.91- 03.97	111082	14 60	09.91- 03.97	110585	12	1.2
		09.91- 03.97	112728	14 55	09.91- 03.97	112295	12	1.7
					A13 09.91- 03.97	113481	12	1.4
	[E7J720]	09.91- 10.97	111325	14 70	09.91- 10.97	110585	12	1.2
		09.91- 10.97	112756	14 60	09.91- 10.97	112295	12	1.7
					A13 09.91- 10.97	113481	12	1.4
	[E7J724]	09.91- 10.97	111325	14 70	09.91- 10.97	111251	12	1.1
		09.91- 10.97	112756	14 60	09.91- 10.97	112295	12	1.7
					A13 09.91- 10.97	113481	12	1.4
	[E7J726]	09.91- 10.97	111325	14 70	09.91- 10.97	111251	12	1.1
		09.91- 10.97	112756	14 60	09.91- 10.97	113481	12	1.4
	[E7J728]	01.94- 03.98	111325	14 70	01.94- 03.98	111251	12	1.1
		01.94- 03.98	112756	14 60	01.94- 03.98	113481	12	1.4
	[E7J773]	03.94- 10.97	111325	14 70	03.94- 10.97	111251	12	1.1
		03.94- 10.97	112756	14 60	03.94- 10.97	113481	12	1.4
Rapid 1.9 Diesel	[F8Q640]	09.94- 03.98	112769	14 60	09.94- 03.98	113481	12	1.4
	[F8Q646]	09.91- 03.98	112769	14 60	09.91- 03.98	113481	12	1.4
	[F8Q682]	09.94- 03.98	112769	14 60	A13 09.94- 03.98	113481	12	1.4
	[F8Q722]	09.91- 03.98	112769	14 60	09.91- 03.98	113481	12	1.4
	[F8Q724]	09.91- 03.98	112769	14 60	A13 09.91- 03.98	113481	12	1.4
	[F8Q774]	09.91- 03.98	112769	14 60	A13 09.91- 03.98	113481	12	1.4
	[F8Q776]	09.91- 03.98	112769	14 60	09.91- 03.98	113481	12	1.4
Rodeo 0.8 4	[80001]				10.70- 08.81	110856	12	0.6
Safrane 1.9 16V	[N7Q710]	09.96-	112557	14 120	09.96-	112818	12	1.4
	[N7Q711]	09.96-	112557	14 120	09.96-	112818	12	1.4
Safrane 2.2 TD	[G8T740]				07.96- 12.00	112475	12	2.1
		Chas. 970512- 07.96-	112679	14 110	07.96-	112541	12	2.2
Safrane 2.5 20V	[N7U700]	07.96-	112557	14 120	07.96-	112818	12	1.4
	[N7U701]	07.96-	112557	14 120	07.96-	112818	12	1.4



RENAULT Continued

Sandero 1.6 Hi-Flex		11.07-	113940	14 110 A49	11.07-	113932	12 0.85
		11.07-	116174	14 90			
		11.07-	116208	14 90			
Sandero 1.6	[K7M710]	12.07-	113940	14 110 A47	12.07-	113932	12 0.85
		12.07-	114879	14 90			
		12.07-	115766	14 110			
		12.07-	116048	14 110			
	[K7M718]	11.10-	114879	14 90			
		12.07-	116208	14 90			
Sandero/Stepway 1.4 LPG LPG	[K7J714]	02.09-	112144	14 98	02.09-	113932	12 0.85
		02.09-	112199	14 75	02.09-	113897	12 1.4
		02.09-	114879	14 90			
		02.09-	115655	14 110	02.09-	114180	12 0.8
		02.09-	115656	14 70			
Sandero/Stepway 1.5 Dci dCi (B8AL)	[K9K612]	01.17-	116234	14 125			
Sandero/Stepway 1.6 Flex		12.12-	116208	14 90			
Sandero/Stepway 1.6		04.14-	116174	14 90			
		11.13-	116790	14 110			
		01.13-	115373	14 150	01.13-	113930	12 1.4
Scenic 1.4 Tce	[H4JA700]	04.09-	115651	14 210	04.09-	115728	12 1.2
Scenic 1.5 DCI	[K9K837,K9K836]	01.13-	114463	14 120	01.13-	113929	12 1.2
	[K9K846]	01.13-	115651	14 210	01.13-	115842	12 1.0
		01.13-	116324	14 185			
Scenic 1.6 DCI	[R9M402]	01.13-	116710	14 150			
Scenic 1.6 VVT	[K4M858]	01.13-	115382	14 120	01.13-	114869	12 1.4
Scenic 1.9	[F8Q790,F8Q788]	09.99- 02.01	111718	14 75	09.99- 02.01	112295	12 1.7
		09.99- 02.01	112458	14 120	09.99- 02.01	113897	12 1.4
Scenic 1.9 DCI	[F9Q870,F9Q872]	01.13-	115649	14 150	01.13-	115829	12 2.0
		01.13-	115921	14 120	01.13-	115685	12
		01.13-	116066	14 120			
Scenic 1.9 DTi	[F9Q734]	AC 09.99- 04.01	112458	14 120	09.99- 04.01	113897	12 1.4
Scénic 1.2 Tce 115	[H5F408]	09.16-	116240	14 125			
		09.16-	116710	14 150			
Scénic 1.2 Tce 130	[H5F408]	09.16-	116240	14 125			
		09.16-	116710	14 150			
Scénic 1.2 TCe	[H5F400]	04.12-	115356	14 150			
		04.12-	115921	14 120			
		04.12-	116710	14 150			
	[H5F404]	01.13-	115356	14 150			
		01.13-	115921	14 120			
		01.13-	116174	14 90			
		01.13-	116710	14 150			
	[H5F408]	07.14-	115356	14 150			
		07.14-	115921	14 120			
		07.14-	116174	14 90			
		07.14-	116710	14 150			
Scénic 1.3 TCe 115	[H5H450]	01.18-	116225	14 150			
Scénic 1.3 TCe 140	[H5H450]	01.18-	116225	14 150			
Scénic 1.3 TCe 160	[H5H450]	01.18-	116225	14 150			
	[H5H470]	09.18-	116225	14 150			
Scénic 1.4	[K4J730]	06.03-	113940	14 110 A49	06.03-	115341	12 1.0
		06.03-	113945	14 150	06.03-	116375	12 1.7
	[K4J740]	06.03-	113940	14 110 A49	06.03-	113932	12 0.85
		06.03-	113945	14 150	06.03-	114869	12 1.4
		06.03-	113945	14 150			
Scénic 1.4 16V	[K4J714]	02.01-	112199	14 75	02.01-	112218	12 1.0
		AC 02.01-	112144	14 98	02.01-	113481	12 1.4
	[K4J750]	08.99-	112199	14 75	08.99-	112218	12 1.0
		A22 08.99-	112144	14 98	08.99-	113481	12 1.4
Scénic 1.5 DCI	[K9K636]	04.09-	114721	14 150 A49			
		04.09-	115651	14 210			
		04.09-	116323	14 150			
		04.09-	116562	14 120			
	[K9K722]	06.03-	113940	14 110 A49	06.03-	113932	12 0.85
		06.03-	113945	14 150	06.03-	116375	12 1.7
		05.05-	114354	14 150	05.05-	115685	12
	[K9K724]	05.05-	114354	14 150	05.05-	115728	12 1.2
	[K9K728]	11.03-	113940	14 110 A49	11.03-	113932	12 0.85
		11.03-	113945	14 150	11.03-	114869	12 1.4
		01.07-	114354	14 150	01.07-	115442	12 0.8
		01.07-	115651	14 210			
	[K9K729]	11.03-	113940	14 110 A49	11.03-	113932	12 0.85
		11.03-	113945	14 150	11.03-	114814	12 0.9
	[K9K732]	05.05-	113945	14 150	05.05-	114814	12 0.9
		05.05-	114354	14 150	05.05-	115728	12 1.2
		05.05-	115650	14 210			
		05.05-	115651	14 210			
	[K9K734]	01.07-	114354	14 150	01.07-	115728	12 1.2
		01.07-	115651	14 210			
	[K9K830]	04.09-	114721	14 150 A49	04.09-	115629	12 1.0
		04.09-	116323	14 150			
	[K9K832]	02.09-	114721	14 150 A49	02.09-	115629	12 1.0
		02.09-	115651	14 210			
		02.09-	116323	14 150			
	[K9K836]	04.09-	114721	14 150 A49			
		04.09-	115651	14 210			
		04.09-	116323	14 150			
		04.09-	116562	14 120			
	[K9K837]	04.09-	114721	14 150 A49			
		04.09-	115651	14 210			
		04.09-	116323	14 150			
		04.09-	116562	14 120			
	[K9K846]	11.10-	114463	14 120	11.10-	115629	12 1.0
		11.10-	114721	14 150 A49			
		11.10-	115651	14 210			
		11.10-	116323	14 150			
		11.10-	116562	14 120			
Scénic 1.5 DCi 110	[K9K646]	09.16-	116381	14 150			
	[K9K647]	09.16-	116381	14 150			
Scénic 1.5 DCi 95	[K9K646]	09.16-	116381	14 150			
	[K9K846]	09.16-	116381	14 150			



Scénic 1.6	[K4M866]	02.09-	115382	14 120			
Scénic 1.6 Flexfuel Hi-Flex	[K4M766]	03.05- 07.10	114721	14 150 A49			
		03.05- 07.10	116323	14 150			
Scénic 1.6 DCi	[R9M402]	04.11-	114826	14 185 A49			
		04.11-	116324	14 185			
		04.11-	116710	14 150			
	[R9M404]	04.11-	114826	14 185 A49			
		04.11-	116324	14 185			
		04.11-	116710	14 150			
Scénic 1.6 DCi 130	[R9M409]	09.16-	116743	14 185			
		09.16-	116561	14 185			
Scénic 1.6 DCi 160	[R9M452]	09.16-	116743	14 185			
		09.16-	116561	14 185			
Scénic 1.6	[K4M700, K4M706, K4M707, K4M776]	09.99- 09.03	112144	14 98	09.99- 09.03	114074	12 2.2
		09.99- 09.03	112199	14 75	09.99- 09.03	112218	12 1.0
					06.01- 09.03	113761	12 0.9
Scénic 1.6 16V Bifuel	[K4M866]	02.09-	116233	14 150			
Scénic 1.6 16V	[K4M700]	01.99-	112199	14 75	01.99-	112295	12 1.7
		A22 01.99-	112144	14 98	01.99-	112218	12 1.0
	[K4M701]	02.01-	112199	14 75	02.01-	112295	12 1.7
		AC 02.00-	112144	14 98	02.00-	112218	12 1.0
	[K4M704]	08.98-	112199	14 75	08.98-	112218	12 1.0
		AC 08.98-	112144	14 98	08.98-	113761	12 0.9
	[K4M708]	08.99-	112199	14 75	08.99-	112295	12 1.7
		AC 08.99-	112144	14 98	08.99-	112218	12 1.0
	[K4M812]	01.07-	113940	14 110 A49	01.07-	113932	12 0.85
		01.07-	113945	14 150	01.07-	116375	12 1.7
		01.07-	114882	14 110			
		01.07-	115766	14 110			
	[K4M858]	02.09-	115382	14 120			
	[K4M9766]	01.07-	113940	14 110 A49	01.07-	113932	12 0.85
		01.07-	113945	14 150	01.07-	114814	12 0.9
		01.07-	114882	14 110			
		01.07-	115766	14 110			
	[K4MC813]	01.07-	113940	14 110 A49	01.07-	115341	12 1.0
		01.07-	113945	14 150	01.07-	116262	12 0.8
		01.07-	114882	14 110			
		01.07-	115766	14 110			
Scénic 1.6 i 16V	[K4M761]	06.03-	113940	14 110 A49	06.03-	113930	12 1.4
		06.03-	113945	14 150	06.03-	115341	12 1.0
		06.03-	115766	14 110			
	[K4M782]	06.03-	113940	14 110 A47	06.03-	113932	12 0.85
		06.03-	113945	14 150	06.03-	114814	12 0.9
		06.03-	115766	14 110			
Scénic 1.8 16V	[F4P720]	01.01-	112144	14 98	01.01-	113761	12 0.9
	[F4P722]	01.01-	112144	14 98	01.01-	113761	12 0.9
Scénic 1.9 DCi	[F9Q732]	11.00-	111718	14 75	11.00-	111251	12 1.1
		12.02- 08.03	112458	14 120 A47	12.02- 08.03	112474	12 1.8
					12.02- 08.03	113897	12 1.4
	[F9Q733]	AC 11.00-	112458	14 120 A47	11.00-	113897	12 1.4
	[F9Q748]	12.02- 08.03	111718	14 75	12.02- 08.03	112474	12 1.8
		12.02- 08.03	112458	14 120 A47	12.02- 08.03	113897	12 1.4
	[F9Q796]	12.02- 08.03	111718	14 75	12.02- 08.03	112474	12 1.8
		12.02- 08.03	112458	14 120 A47	12.02- 08.03	113897	12 1.4
	[F9Q804]	06.03-	113919	14 125	06.03-	113930	12 1.4
		06.03-	113994	14 155	06.03-	115829	12 2.0
		05.05-	112144	14 98	05.05-	113761	12 0.9
		05.05-	113837	14 150			
		05.05-	113945	14 150	05.05-	113927	12 1.4
					05.05-	114814	12 0.9
		05.05-	115649	14 150	05.05-	116277	12 0.9
	[F9Q812]	06.03-	113919	14 125	06.03-	113897	12 1.4
		06.03-	114039	14 120 A49	06.03-	115842	12 1.0
		06.03-	115649	14 150			
	[F9Q816]	05.05-	112144	14 98	05.05-	113761	12 0.9
		05.05-	113837	14 150	05.05-	113930	12 1.4
		05.05-	113994	14 155	05.05-	115829	12 2.0
		05.05-	115649	14 150			
	[F9Q818]	05.05-	112144	14 98	05.05-	113761	12 0.9
		05.05-	113837	14 150	05.05-	113930	12 1.4
		05.05-	113994	14 155	05.05-	115842	12 1.0
		05.05-	115649	14 150			
	[F9Q870]	02.09-	115649	14 150			
		02.09-	115921	14 120			
		02.09-	116066	14 120			
	[F9Q872]	02.09-	115649	14 150			
		02.09-	115921	14 120			
		02.09-	116066	14 120			
	[F9QJ803]	05.05-	112144	14 98	05.05-	113761	12 0.9
		05.05-	113837	14 150	05.05-	113930	12 1.4
		05.05-	113994	14 155	05.05-	115842	12 1.0
		05.05-	115649	14 150			
Scénic 1.9 DCi RX4	[F9Q740]	03.99-	111718	14 75	03.99-	111251	12 1.1
		AC 11.00-	112458	14 120 A47	11.00-	113897	12 1.4
Scénic 1.9 DTi	[F9Q731]	09.99-	111718	14 75	09.99-	111251	12 1.1
		AC 09.99-	112458	14 120 A47	09.99-	113897	12 1.4
	[F9Q736]	09.99-	111718	14 75	09.99-	112474	12 1.8
		AC 09.99-	112458	14 120 A47	09.99-	113897	12 1.4
	[F9Q744]	11.00-	111718	14 75	11.00-	112474	12 1.8
		AC 02.01-	112458	14 120 A47	02.01-	113897	12 1.4
Scénic 2.0 DCi	[M9R610]	04.09-	116216	14 210			
	[M9R615]	02.09-	116216	14 210			
	[M9R700]	09.05-	115857	14 150			
		09.05-	116216	14 210			
	[M9R721]	09.05-	115857	14 150			
		09.05-	116216	14 210			
	[M9R722]	09.05-	115857	14 150			
		09.05-	116216	14 210			



Scénic 2.0	[F4R770]	02.08- 04.09	115310	14	110	06.03-	113897	12	1.4
		02.08- 04.09	115419	14	110	06.03-	115842	12	1.0
		06.03-	113919	14	125	02.08- 04.09	113930	12	1.4
		06.03-	114039	14	120 A49	02.08- 04.09	115728	12	1.2
	[F4R771]	06.03-	113919	14	125	06.03-	113929	12	1.2
		06.03-	114039	14	120 A49	06.03-	115842	12	1.0
Scénic 2.0 16V	[F4R740]	AC 07.00-	112144	14	98	07.00-	113761	12	0.9
	[F4R741]	03.99-	112144	14	98	03.99-	113761	12	0.9
	[F4R746]	07.00- 08.03	112144	14	98	07.00- 08.03	114074	12	2.2
	[M4R710]	02.09-	116184	14	150				
	[M4R711]	02.09-	116184	14	150				
Scénic 2.0 16V RX4	[F4R744]	AC 06.99-	112144	14	98	06.99-	113761	12	0.9
	[F4R746]	06.00- 08.03	112144	14	98	06.00- 08.03	114074	12	2.2
Scénic 2.0 i	[F3R...]	AC 11.96-	112679	14	110	11.96-	113897	12	1.4
Scénic 2.0 iDE 16V	[F4R740]	03.00-	112144	14	98	03.00-	113481	12	1.4
	[F4R747]	09.99- 08.03	115310	14	110				
Scénic 2.0 Turbo 16V	[F4R776]	05.04-	113919	14	125	05.04-	113897	12	1.4
		05.04-	114039	14	120 A49	05.04-	115842	12	1.0
Sport Spider 2.0 16V	[F7R710]					03.95- 10.99	111251	12	1.1
	[F7R712]					03.95- 10.99	111251	12	1.1
	[F7R720]					03.95- 10.99	111251	12	1.1
Super 5 1.0	[C1C700]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55				
Super 5 1.1	[C1E750]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55				
Super 5 1.2	[C1G702]	10.84- 12.96	111082	14	60	10.89- 12.90	111251	12	1.1
	[C1G720]	10.86- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
	[C1G722]	03.90- 12.96	111082	14	60	10.86- 12.96	110585	12	1.2
Super 5 1.6 Diesel	[F8M720]					03.90- 12.96	110585	12	1.2
Super 5 1.7	[F3N702]					10.84- 12.96	112295	12	1.7
Super 5 Box 1.2		07.87- 06.89	111082	14	60	09.88- 09.90	111251	12	1.1
Symbol 1.4	[K4J712]	01.09- 12.11	112144	14	98	07.87- 06.89	110585	12	1.2
		01.09- 12.11	112199	14	75	01.09- 12.11	113927	12	1.4
Symbol 1.5 DCI	[K9K718]	06.01- 02.09	112457	14	110	01.09- 12.11	112218	12	1.0
		AC 06.01- 02.09	114673	14	120	06.01- 02.09	113932	12	0.85
Talisman 1.3 TCe 160	[H5H470]	01.19-	116225	14	150				
Talisman 1.4 Tce TCe 160	[H5H470]	07.21-	116225	14	150	01.19-	116367	12	1.7
Talisman 1.5 DCi 110	[K9K646]	11.15-	115431	14	150	07.21-	116367	12	1.7
		11.15-	116355	14	150	11.15-	116375	12	1.7
		11.15-	116381	14	150	11.15-	116367	12	1.7
	[K9K647]	11.15-	115431	14	150	11.15-	116367	12	1.7
Talisman 1.6 dCi 130		11.15-	116355	14	150	11.15-	116278	12	1.5
		11.15-	116381	14	150				
	[R9M409]	11.15-	116743	14	185	11.15-	116278	12	1.5
Talisman 1.6 dCi 160		11.15-	116561	14	185				
	[R9M452]	06.15-	116743	14	185	06.15-	116278	12	1.5
		06.15-	116561	14	185				
	[R9M453]	06.15-	116743	14	185				
		06.15-	116561	14	185				
Talisman Grandtour 1.3 TCe 160	[H5H470]	01.19-	116225	14	150	06.15-	116743	14	185
Talisman Grandtour 1.7 Blue dCi 120	[R9N401]					01.19-	116367	12	1.7
Talisman Grandtour 1.7 Blue dCi 150	[R9N401]					09.18-	116367	12	1.7
Talisman Sport Tourer 1.4 Tce TCe 160	[H5H470]	07.21-	116225	14	150	09.18-	116367	12	1.7
Thalia 1.1 LPG	[D4F728]	01.10- 12.13	113403	14	75	07.21-	116375	12	1.7
		01.10- 12.13	115549	14	95				
Thalia 1.1 16V	[D4F712]	09.08-	113403	14	75	01.10- 12.13	113927	12	1.4
		09.08-	115549	14	95	09.08-	113927	12	1.4
Thalia 1.2 16V	[D4F712]	04.02-	113403	14	75				
		04.02-	115549	14	95	04.02-	113927	12	1.4
		12.13-	116299	14	90 BO				
Thalia 1.4	[K7J700]	09.08- 06.14	112144	14	98				
		09.08- 06.14	112199	14	75	09.08- 06.14	113897	12	1.4
Thalia 1.4 16V	[K4J712]	06.01-	112199	14	75	09.08- 06.14	111641	12	0.7
		AC 06.01-	112144	14	98	06.01-	112218	12	1.0
Thalia 1.5 DCi	[K9K700]	04.02-	114673	14	120	06.01-	111641	12	0.7
		AC 09.01-	113248	14	120	09.01-	113927	12	1.4
	[K9K702]	06.01-	113862	14	125 A49				
		06.01-	113940	14	110 A49	06.01-	115442	12	0.8
		06.01-	116325	14	125				
Thalia 1.6 16V	[K9K714]	02.03-	112471	14	125				
		AC 02.03-	114673	14	120	02.03-	113927	12	1.4
	[K9K718]	09.08-	113862	14	125				
		09.08-	113940	14	110	09.08-	115442	12	0.8
		09.08-	114673	14	120				
		09.08-	116048	14	110				
	[K9K740]	AC 06.05-	114673	14	120				
		12.13-	116609	14	125				
Thalia 1.6 16V	[K4M734]	09.08-	112144	14	98				
		09.08-	112199	14	75	09.08- 06.14	113897	12	1.4
	[K4M740]	04.02-	112199	14	75	09.08-	111641	12	0.7
Tondar 90 1.4 LPG LPG	[K7J714]	02.08- 10.13	112144	14	98	04.02-	112218	12	1.0
		02.08- 10.13	112199	14	75	02.08- 10.13	114180	12	0.8
		02.08- 10.13	115655	14	110	02.08- 10.13	113932	12	0.85
		02.08- 10.13	115656	14	70				
Traffic 1.6 dCi 115	[R9M408]	05.14-	116743	14	185				
		05.14-	116561	14	185	05.14-	116278	12	1.5
Traffic 1.6 dCi 120	[R9M450]	05.14-	116625	14	150				
		05.14-	116743	14	185	05.14-	116278	12	1.5
		05.14-	116561	14	185				
Traffic 1.6 dCi 125	[R9M452]	07.15-	116743	14	185	A42 07.15-	116278	12	1.5
		07.15-	116561	14	185				
Traffic 1.6 dCi 140	[R9M450]	05.14-	116625	14	150				
		05.14-	116743	14	185	05.14-	116278	12	1.5
		05.14-	116561	14	185				
Traffic 1.6 dCi 145	[R9M450]	07.15-	116625	14	150	A42 07.15-	116285	12	2.0
		07.15-	116743	14	185				
		07.15-	116561	14	185				



Traffic 1.6 dCi 90	[R9M408]	05.14- 05.14-	116743 116561	14 185 14 185	05.14-	116278	12 1.5
Traffic 1.6 dCi 95	[R9M408]	07.15- 07.15-	116743 116561	14 185 14 185	A42 07.15-	116278	12 1.5
Traffic 1.6 dCi 115	[R9M408]	05.14- 05.14-	116561 116743	14 185 14 185	05.14- 05.14- 05.14-	113134 114074 116278	12 2.2 12 2.2 12 1.5
Traffic 1.6 DCi 120	[R9M413]	07.15- 07.15-	116561 116743	14 185 14 185	07.15- 07.15- 07.15-	113134 114074 116278	12 2.2 12 2.2 12 1.5
		01.19- 01.19-	116561 116743	14 185 14 185	01.19- 01.19- 01.19-	114074 114814 116278	12 2.2 12 0.9 12 1.5
	[R9M450]	05.14- 05.14- 05.14-	116625 116743 116561	14 150 14 185 14 185	05.14- 05.14- 05.14-	114074 113134	12 2.2 12 2.2
		07.15- 07.15-	116561 116743	14 185 14 185	07.15- 07.15-	113134	12 2.2
	[R9M450]	07.15- 07.15-	116743 116743	14 185 14 185	07.15- 07.15-	114074 114074	12 2.2 12 2.2
		05.14- 05.14- 05.14-	116625 116743 116561	14 150 14 185 14 185	05.14- 05.14- 05.14-	114074 113134 116278	12 2.2 12 2.2 12 1.5
Traffic 1.6 DCi 125		07.15- 07.15-	116561 116743	14 185 14 185	07.15- 07.15-	113134 114074	12 2.2 12 2.2
Traffic 1.6 DCi 140	[R9M450]	05.14- 05.14- 05.14- 06.14-	116625 116743 116561 116225	14 150 14 185 14 185 14 150	05.14- 06.14- 06.14- 06.14-	114074 113134 116278	12 2.2 12 2.2 12 1.5
		07.15- 07.15-	116561 116743	14 185 14 185	07.15- 07.15-	113134 114074	12 2.2 12 2.2
		05.14- 05.14-	116743 116561	14 185 14 185	05.14- 05.14-	114074 113134	12 2.2 12 2.2
		07.15- 07.15-	116561 116743	14 185 14 185	07.15- 07.15-	113134 114074	12 2.2 12 2.2
Traffic 1.6 dCi 95		07.15- 07.15- 07.15- 07.15-	116561 116743 116561 116743	14 185 14 185 14 185 14 185	07.15- 07.15- 07.15- 07.15-	113134 114074 113134 114074	12 2.2 12 2.2 12 2.2 12 2.2
		03.01- 03.01-	112471 113248	14 125 14 120	03.01- 03.01-	111063 112541	12 1.2 12 2.2
		03.01- 03.01-	112471 113248	14 125 14 120	03.01- 03.01-	111063 112541	12 1.2 12 2.2
		03.01- 03.01-	112471 113248	14 125 14 120	03.01- 03.01-	111063 110367	12 1.2 12 1.0
Traffic 1.9 DCi 80	[F9Q762]	03.01- 03.01-	113248 112471	14 120 14 125	03.01- 03.01-	110367 111063	12 1.0 12 1.2
Traffic 1.9 Diesel	[F8Q606]	06.97-	111718	14 75	06.97-	111063	12 1.2
Traffic 2.0 DCi	[M9R630]	08.06-	114509	14 150	08.06- 08.06-	112475 113134	12 2.1 12 2.2
		08.06-	114509	14 150	08.06- 10.06-	113481 112475	12 1.4 12 2.1
	[M9R692]	08.06-	114509	14 150	08.06- 10.06-	113481 112475	12 1.4 12 2.1
		08.06-	114509	14 150	08.06- 10.06-	113481 113134	12 1.4 12 2.2
	[M9R780]	08.06-	114509	14 150	A13 08.06- 08.06- 08.06- 10.06-	112295 112475 113481 113134	12 1.7 12 2.1 12 1.4 12 2.2
		08.06-	114509	14 150	A13 08.06- 08.06- 08.06-	112295 112475 113134	12 1.7 12 2.1 12 2.2
	[M9R782]	08.06-	114509	14 150	08.06- 10.06-	112475 113134	12 2.1 12 2.2
		08.06-	114509	14 150	08.06- 10.06-	113134 112475	12 2.2 12 2.2
	[M9R786]	08.06-	114509	14 150	08.06- 10.06-	113134 112475	12 2.2 12 2.2
		08.06-	114509	14 150	08.06- 10.06-	113134 112475	12 2.2 12 2.2
Traffic 2.0 DCi 120	[M9R710]				06.19-	116278	12 1.5
Traffic 2.0 DCi 145	[M9R710]				06.19-	116278	12 1.5
Traffic 2.0 DCi 170	[M9R710]				06.19-	116278	12 1.5
Traffic 2.0	[F4R720]	AC 03.01- 03.01-	113245 114122	14 125 14 150	03.01- 03.01- 03.01-	112474 114814 111063	12 1.8 12 0.9 12 1.2
		AC 03.01-	113245	14 125	03.01- 03.01-	114814 111063	12 0.9 12 1.2
	[F4R722]	AC 03.01-	113245	14 125	03.01- 03.01-	114814 111063	12 0.9 12 1.2
		AC 03.01-	113245	14 125	03.01- 03.01-	114814 111063	12 0.9 12 1.2
Traffic 2.0 16V	[F4R820]	08.06-	114122	14 150	08.06- 08.06- 08.06-	112474 114814 115698	12 1.8 12 0.9 12 1.1
Traffic 2.5 DCi	[G9U630]	08.06-	113837	14 150	08.06- 08.06-	112474 112541	12 1.8 12 2.2
		08.06-	114700	14 150	08.06-	113134	12 2.2
	[G9U730]	03.01- 03.01-	112471 113245	14 125 14 125	03.01- 05.03-	111063 110367	12 1.2 12 1.0
		05.03-	113248	14 120			
	[S8U720]	09.80- 09.81	110889	14 75 14 75	09.80- 09.81 09.80-	110585 110866	12 1.2 12 0.9
		09.80-	110889	14 75	09.80- 10.81- 04.89	110866 110585	12 0.9 12 1.2
Traffic 2.5 Diesel	[8140.61.240]	09.80-	110889	14 75	09.80- 12.82- 04.89	110866 110814	12 0.9 12 2.7
		03.89- 10.97	110889	14 75	03.89- 10.97 05.89- 03.01	111063 110814	12 1.2 12 2.7
	[8140.67.2500]	03.89-	110889	14 75	03.89- 05.89- 03.01	110585 110866	12 1.2 12 0.9
		03.89-	110889	14 75	03.89- 10.97 05.89- 03.01	110585 110814	12 1.2 12 2.7
	[8140.67.2580]	03.89- 10.97	110889	14 75	03.89- 10.97 05.89- 03.01	110585 110814	12 1.2 12 2.7
	[S8U720]	09.80- 09.81	110889	14 75 14 75	09.80- 09.81 09.80-	110585 110866	12 1.2 12 0.9
	[S8U722]	09.80-	110889	14 75	09.80- 10.81- 04.89	110866 110585	12 0.9 12 1.2
	[S8U750]	03.89-	110889	14 75	03.89- 05.89- 03.01	110585 110814	12 1.2 12 2.7
	[S8U752]	03.89-	110889	14 75	03.89- 05.89- 03.01	111063 110814	12 1.2 12 2.7
		05.89- 03.01	110889	14 75	05.89- 03.01 09.94- 10.97	110814 110585	12 2.7 12 1.2
Traffic 2.5 Diesel 4x4	[8140.67.2500]	05.89-	110889	14 75	05.89- 05.89-	110866 110866	12 0.9 12 0.9
		05.89-	110889	14 75	05.89- 05.89-	110866 111251	12 0.9 12 1.1
	[8140.67.2580]	08.99-	110889	14 75	08.99- 08.99-	111251 111063	12 1.1 12 1.2
		08.99-	110889	14 75	08.99- 08.99-	111063 111063	12 1.2 12 1.2
	[S8U750]	05.89-	110889	14 75	05.89- 05.89-	110866 110866	12 0.9 12 0.9
		05.89-	110889	14 75	05.89- 08.99-	110866 111251	12 0.9 12 1.1
	[S8U752]	05.89-	110889	14 75	05.89- 08.99-	110866 111251	12 0.9 12 1.1
		08.99-	110889	14 75	08.99- 08.99-	111251 111251	12 1.1 12 1.1
	[S8U758]	08.99-	110889	14 75	08.99- 08.99-	111251 111251	12 1.1 12 1.1
		08.99-	110889	14 75	08.99- 08.99-	111251 111251	12 1.1 12 1.1
Traffic Bus 2.0 Dci 110	[M9R714]	05.21-	116561	14 185	05.21-	116278	12 1.5
Traffic Bus 2.0 Dci 150	[M9R714]	05.21-	116561	14 185	05.21-	116278	12 1.5
Traffic Van 2.0 Dci 110	[M9R714]	08.21-	116561	14 185	08.21-	116278	12 1.5
Traffic Van 2.0 Dci 130	[M9R714]	08.21-	116561	14 185	08.21-	116278	12 1.5
Traffic Van 2.0 Dci 150	[M9R714]	08.21-	116561	14 185	08.21-	116278	12 1.5
Twingo 0.9 Tce 110	[H4B401]	11.16-	116240	14 125			
Twingo 0.9 Tce 90	[H4B401]	09.14-	116240	14 125			



RENAULT Continued

Twingo 0.9 TCe Tce 95	[H4B453]	03.19-	116240	14	125				
Twingo 0.9 TCe 90	[H4B451]	08.18-	116240	14	125				
Twingo 1.0 SCe 65	[B4D403]	09.14-	116240	14	125				
Twingo 1.0 Sce 70	[H4D400]	09.14-	116240	14	125				
Twingo 1.0 SCe 75	[B4D403]	09.14-	116240	14	125				
Twingo 1.1 100	[D4F780]	02.11-	114131	14	90 BO	02.11-	116262	12	0.8
		02.11-	116368	14	90 VA				
	[D4F782]	02.11-	114131	14	90 BO	02.11-	116262	12	0.8
		02.11-	116368	14	90 VA				
Twingo 1.2 LPG	[D7F702]	10.03-	113403	14	75	10.03-	111641	12	0.7
	[D7F708]	10.03-	113403	14	75	10.03-	111641	12	0.7
Twingo 1.2	[C3G700]	03.93- 08.96	111803	14	60	03.93- 08.96	111641	12	0.7
	[C3G702]	03.93- 08.97	111803	14	60	03.93- 08.97	111641	12	0.7
	[D7F700]	05.00-	113403	14	75	05.00-	111641	12	0.7
		09.96- 01.98	112165	14	75				
		09.96-	113577	14	75	09.96-	114095	12	0.85
	[D7F701]	05.00-	113403	14	75	05.00-	111641	12	0.7
		09.96- 01.98	112165	14	75	09.96-	114057	12	1.1
		09.96-	113577	14	75	09.96-	114095	12	0.85
	[D7F702]	05.00-	113403	14	75	05.00-	111641	12	0.7
		09.98-	113577	14	75	09.98-	114057	12	1.1
						09.98-	114095	12	0.85
	[D7F703]	05.00-	113403	14	75	05.00-	114095	12	0.85
	[D7F704]	05.00-	113403	14	75	05.00-	114095	12	0.85
		05.96-	113577	14	75	05.96-	113897	12	1.4
	[D7F706]	09.98-	113577	14	75	09.98-	114095	12	0.85
	[D7F800]	03.07-	114131	14	90 BO	03.07-	113897	12	1.4
		03.07-	116368	14	90 VA				
Twingo 1.2 16V	[D4F702]	09.00-	113403	14	75	09.00-	111641	12	0.7
	[D4F704]	01.01-	113403	14	75	01.01-	111641	12	0.7
	[D4F708]	08.04-	113403	14	75	08.04-	111641	12	0.7
	[D4F764]	03.07-	114131	14	90 BO	03.07-	115629	12	1.0
		03.07-	116368	14	90 VA				
	[D4F772]	03.07-	114131	14	90 BO	03.07-	113897	12	1.4
		03.07-	116368	14	90 VA	03.07-	116262	12	0.8
Twingo 1.2 Turbo	[D4F780]	03.07-	114131	14	90 BO	03.07-	113897	12	1.4
		03.07-	116368	14	90 VA				
	[D4F782]	03.07-	114131	14	90 BO	A25 03.07-	115629	12	1.0
		03.07-	116368	14	90 VA				
Twingo 1.2	[D4F770]	09.10- 09.14	114131	14	90	09.10- 09.14	115629	12	1.0
		09.10- 09.14	115653	14	110				
Twingo 1.5 DCi	[K9K718]	04.08-	114463	14	120	04.08-	115629	12	1.0
	[K9K740]	03.07-	113940	14	110 A49	03.07-	113897	12	1.4
		03.07-	114463	14	120	03.07-	115629	12	1.0
	[K9K820]	10.10- 09.14	114463	14	120				
Twingo Van 1.2	[D4F702]	01.01- 06.12	113403	14	75	01.01- 06.12	111641	12	0.7
Vel Satis 2.0 DCi	[M9R760]	08.05-	114509	14	150	08.05-	114161	12	2.4
		08.05-	114670	14	210				
	[M9R762]	01.06-	114509	14	150	01.06-	114161	12	2.4
		01.06-	114670	14	210	01.06-	115686	12	1.4
	[M9R763]	01.06-	114509	14	150	01.06-	114161	12	2.4
		01.06-	114670	14	210	01.06-	115686	12	1.4
Vel Satis 2.0 Turbo 16V	[F4R762]	06.02-	113245	14	125	06.02-	112475	12	2.1
		06.02-	114122	14	150	06.02-	114074	12	2.2
	[F4R763]	06.02-	113245	14	125	06.02-	112475	12	2.1
		06.02-	114122	14	150	06.02-	114814	12	0.9
	[F4R766]	04.04-	113837	14	150	04.04-	114074	12	2.2
Vel Satis 2.2 CDi	[G9T702]	06.02-	113245	14	125	06.02-	114074	12	2.2
	[G9T703]	06.02-	113245	14	125	06.02-	114074	12	2.2
Vel Satis 2.2 DCi	[G9T600]	04.04-	114122	14	150	04.04-	114814	12	0.9
	[G9T606]	09.04-	114122	14	150	09.04-	114814	12	0.9
	[G9T607]	09.04-	114122	14	150	09.04-	114814	12	0.9
	[G9T700]	09.04-	114122	14	150	09.04-	114814	12	0.9
	[G9T702]	09.04-	114122	14	150	09.04-	114526	12	2.0
Vel Satis 3.0 DCi	[P9X701]	06.02-	116660	14	150				
	[P9X715]	06.06-	116660	14	150				
Vel Satis 3.5 V6	[V4Y701]	06.02-	114301	14	150	06.02-	114161	12	2.4
Wind 1.1 100	[D4F780]	02.11-	114131	14	90 BO	02.11-	114095	12	0.85
		02.11-	116368	14	90 VA				
Wind 1.2	[D4F782]	07.10-	114131	14	90 BO	07.10-	114095	12	0.85
		07.10-	116368	14	90 VA				
Wind 1.6	[K4M854]	07.10-	115411	14	110	07.10-	114057	12	1.1
PASSENGER CARS US									
Alliance 1.4						01.83- 01.83	110585	12	1.2
Alliance 1.4 DL						01.83- 01.87	110585	12	1.2
Alliance 1.4 L						01.83- 01.87	110585	12	1.2
Alliance 1.4 Limited						01.83- 01.84	110585	12	1.2
Duster 1.6 Flex	[K4M690]	01.11-	116208	14	90	01.11-	115698	12	1.1
Duster 2.0 Flex						01.11-	115698	12	1.1
Duster 2.0						01.11-	115698	12	1.1
Duster 2.0 4x4	[F4R]					02.12-	115698	12	1.1
Encore 1.4						01.84- 01.85	110585	12	1.2
Encore 1.4 GS						01.84- 01.84	110585	12	1.2
Encore 1.4 LS						01.84- 01.86	110585	12	1.2
Encore 1.4 S						01.84- 01.86	110585	12	1.2
Fluence 2.0	[F4R872]					02.11-	115698	12	1.1
Fuego 2.2						01.84- 01.85	111063	12	1.2
Lecar 1.3						01.77- 01.79	110367	12	1.0
Lecar 1.4						01.80- 01.83	110367	12	1.0
Lecar 1.4 Deluxe						01.81- 01.83	110367	12	1.0
Logan 1.6 Flex		11.13-	116174	14	90	11.13-	113932	12	0.85
Logan 1.6	[K4M690]	04.07-	116174	14	90	04.07-	113932	12	0.85
		04.07-	116208	14	90				
	[K4M697]	04.07-	116174	14	90	04.07-	113932	12	0.85
		04.07-	116208	14	90				
Master 2.5 dCi 4x4	[G9U724]	10.04- 02.12	113245	14	125	10.04- 02.12	112475	12	2.1
R10 1.3						01.68- 01.71	110367	12	1.0
R16 1.6						01.69- 01.72	110367	12	1.0
R5 1.3						01.76- 01.76	110367	12	1.0



Sandero/Stepway 1.6 Flex	[K4M766]	08.08-08.08-	116174 116208	14 90 14 90	08.08-	113932	12 0.85
Thalia 1.5 DCi	[K9K834]	01.09-	116609	14 125			
PASSENGER CARS AO							
Clio 1.0	[D7D760]	02.00- 05.01	113403	14 75	02.00- 05.01	111641	12 0.7
Clio 1.2		10.05-	114131	14 90 BO	10.05-	111641	12 0.7
		10.05-	115653	14 110			
		10.05-	116368	14 90 VA			
Espace 1.9 DCi Expression	[F9Q820]	04.03- 02.05	113994	14 155			
Espace 2.1 Diesel RTDT Quadra	[J8S772]	01.91- 05.92	111319	14 105			
Kangoo 1.6	[K7M746]				09.99- 06.01	115442	12 0.8
Laguna 2.2 DCi Authentique	[G9T600]	04.04- 10.05	114122	14 150	04.04- 10.05	112475 114161	12 2.1 12 2.4
Logan 1.6 Express		04.07-	115655	14 110	04.07-	114199	12 0.7
		04.07-	115656	14 70	04.07-	114180	12 0.8
		04.07-	112144	14 98	04.07-	113932	12 0.85
Megane 2.0 DCi Dynamic	[M9R700]	09.05-	116216	14 210	09.05-	111251	12 1.1
	[M9R722]	09.05-	116216	14 210	09.05-	115442	12 0.8
R19 1.2	[E7F730]				05.92- 09.94	111251	12 1.1
R19 1.4	[E6J700]				07.88- 08.90	111251	12 1.1
					07.88- 08.90	113481	12 1.4
	[E6J701]				07.88- 08.90	111251	12 1.1
					07.88- 08.90	113481	12 1.4
	[E7J700]				09.90- 04.92	111251	12 1.1
	[E7J706]				10.94- 11.95	111251	12 1.1
R19 1.7	[F3N746]				06.89- 04.92	111251	12 1.1
Sandero 1.4	[K7J710]	02.09-02.09-02.09-02.09-	112144 112199 115655 115656	14 98 14 75 14 110 14 70	02.09-02.09-	114180 113932	12 0.8 12 0.85
Sandero 1.6	[K4M706] [K7M710]	02.08-02.09-02.09-02.09-02.09-	116175 112144 112199 115655 115656	14 90 14 98 14 75 14 110 14 70	02.09-02.09-	114180 113932	12 0.8 12 0.85
Scénic 1.6	[K4M708] [K4M709]	03.01- 08.03 03.01- 08.03 03.01- 08.03 03.01- 08.03	112144 112199 112144 112199	14 98 14 75 14 98 14 75	03.01- 08.03 03.01- 08.03 03.01- 08.03 03.01- 08.03	112218 112474 112474 112474	12 1.0 12 1.8 12 1.8 12 1.8
Scénic 1.9 Diesel	[F9Q812] [F9QJ803]	06.06-06.06-06.06-06.06-06.06-06.06-06.06-06.06-	112144 113919 113994 115649 112144 113919 113994 115649	14 98 14 125 14 155 14 150 14 98 14 125 14 155 14 150	06.06-	112218	12 1.0
Trafic 2.5 DCi		08.07-	113837	14 150			
Vel Satis 3.5	[V4Y715]	10.04-	114301	14 150			
MARINE							
Various Models			110048	14 70			
Renault V.I.							
PASSENGER CARS EU							
110.35 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14 120	01.99- 06.04	112441 115505	12 2.3 12 2.3 A49
	(Mascott)[8140.43.B.3588]	01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3 A49
	(Mascott)[8140.43.C.2586]	01.99- 01.01 01.99- 06.04	113280 114701	14 90 14 120	01.99- 01.01	112441	12 2.3
110.50 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14 120	01.99- 06.04	112441 115505	12 2.3 12 2.3 A49
	(Mascott)[8140.43.B.3588]	01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3 A49
	(Mascott)[8140.43.C.2586]	01.99- 01.01 01.99- 06.04	113280 114701	14 90 14 120	01.99- 01.01	112441	12 2.3
110.55 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14 120	01.99- 06.04	112441 115505	12 2.3 12 2.3 A49
	(Mascott)[8140.43.B.3588]	01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3 A49
	(Mascott)[8140.43.C.2586]	01.99- 01.01 01.99- 06.04	113280 114701	14 90 14 120	01.99- 01.01	112441	12 2.3
110.60 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14 120	01.99- 06.04	112441 115505	12 2.3 12 2.3 A49
	(Mascott)[8140.43.B.3588]	01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3 A49
	(Mascott)[8140.43.C.2586]	01.99- 01.01 01.99- 06.04	113280 114701	14 90 14 120	01.99- 01.01	112441	12 2.3
120.35 3.0	(Mascott)[DXi3] (Mascott)[ZD3A600]	05.04- 12.10	115317	14 120	05.04- 12.10	114032 114032	12 2.5 12 2.5
120.55 3.0	(Mascott)[DXi3] (Mascott)[ZD3A600]				05.04-	114032	12 2.5
120.65 3.0	(Mascott)[DXi3] (Mascott)[ZD3A600]				05.04-	114032	12 2.5
130.35 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01 01.99- 06.04	113280 114701	14 90 14 120	01.99- 01.01	112441	12 2.3
	(Mascott)[8140.43.S.3585]	01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3 A49
130.55 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01 01.99- 06.04	113280 114701	14 90 14 120	01.99- 01.01	112441	12 2.3
	(Mascott)[8140.43.S.3585]	01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3 A49
130.65 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01 01.99- 06.04	113280 114701	14 90 14 120	01.99- 01.01	112441	12 2.3
	(Mascott)[8140.43.S.3585]	01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3 A49
140.35 2.8	(Mascott)[8140.43k]	01.01-01.01- 06.04	113280 114701	14 90 14 120	01.01- 06.04	112441 115505	12 2.3 12 2.3 A49
140.55 2.8	(Mascott)[8140.43k]	01.01-01.01- 06.04	113280 114701	14 90 14 120	01.01- 06.04	112441 115505	12 2.3 12 2.3 A49
150.35 2.8	(Mascott)[8140.43N.3585]	10.01-10.01- 06.04	113280 114701	14 90 14 120	10.01- 06.04	112441 114032	12 2.3 12 2.5
					10.01- 06.04	115505	12 2.3 A49
150.55 2.8	(Mascott)[8140.43N.3585]	10.01-10.01- 06.04	113280 114701	14 90 14 120	10.01- 06.04	112441 115505	12 2.3 12 2.3 A49
150.65 2.8	(Mascott)[8140.43N.3585]	10.01-10.01- 06.04	113280 114701	14 90 14 120	10.01- 06.04	112441 115505	12 2.3 12 2.3 A49



RENAULT V.I. Continued

160.35 3.0	(Mascott)[DXi3]	05.04- 12.10	113993	14 135	05.04- 12.10	114032	12 2.5	
	(Mascott)[ZD3A604]	05.04- 12.10	115317	14 120				
		05.04- 12.10	113993	14 135	05.04- 12.10	114032	12 2.5	
		05.04- 12.10	115317	14 120				
160.55 3.0	(Mascott)[DXi3]				05.04-	114032	12 2.5	
	(Mascott)[ZD3A604]				05.04-	114032	12 2.5	
160.65 3.0	(Mascott)[DXi3]				05.04-	114032	12 2.5	
	(Mascott)[ZD3A604]				05.04-	114032	12 2.5	
90.35 2.8	(Mascott)[8140.63.2585]	01.99- 01.01	113280	14 90	01.99- 01.01	112441	12 2.3	
		01.99- 12.01	114701	14 120	01.99- 12.01	115505	12 2.3 A49	
B 110.45 2.8	(Messenger)[8140.23.2565]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
	(Messenger)[8140.23.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
B 120.35 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
B 120.55 2.5	(Messenger)[8140.47.2585]	07.94- 07.96	110889	14 75	07.94- 07.96	113134	12 2.2	
		07.94- 07.96	111319	14 105				
B 120.55 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
B 120.65 2.5	(Messenger)[8140.47.2585]	07.94- 07.96	110889	14 75	07.94- 07.96	113134	12 2.2	
		07.94- 07.96	111319	14 105				
B 120.65 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
B 70 2.4 Diesel	[8140.61.235]	01.83- 12.90	110889	14 75	01.83- 12.90	113134	12 2.2	
B 80.35 2.5	(Messenger)[8140.07.2530ID]	08.90- 06.94	110889	14 75	08.90- 06.94	113134	12 2.2	
		08.90- 06.94	111319	14 105				
	(Messenger)[8140.07.2585]	07.94- 07.96	110889	14 75	07.94- 07.96	113134	12 2.2	
		07.94- 07.96	111319	14 105				
	(Messenger)[8140.67.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
B 80.45 2.5	(Messenger)[8140.07.2530ID]	08.90- 06.94	110889	14 75	08.90- 06.94	113134	12 2.2	
		08.90- 06.94	111319	14 105				
	(Messenger)[8140.07.2585]	07.94- 07.96	110889	14 75	07.94- 07.96	113134	12 2.2	
		07.94- 07.96	111319	14 105				
	(Messenger)[8140.67.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
B 90 2.4 Diesel	[8140.21.235 IDS]	01.86- 06.94	110889	14 75	01.86- 06.94	113134	12 2.2	
B 90 2.5 Diesel	[8140.27.2530 IDS]	08.90- 01.92	110889	14 75	08.90- 01.92	113134	12 2.2	
		08.90- 01.92	111319	14 105				
Mascott 3.0 Diesel	[DXi3]				07.04- 12.13	114032	12 2.5	
Rover								
PASSENGER CARS EU								
25 1.1 16V	[11K4F]	Chas. -YD471564	05.05-	111756	14 65	05.05-	113281	12 1.1
		Chas. TD471565- ,YD524392	05.05-	112414	14 85	05.05-	113361	12 1.7
25 1.4 16V	[14K4F]	AC 10.99-	112414	14 85	10.99-	113346	12 0.8	
	[14K4M]	AC 10.99-	112414	14 85	10.99-	113281	12 1.1	
25 1.6 16V	[16K4F]	AC 10.99-	112414	14 85	10.99-	113346	12 0.8	
25 1.8 16V	[18K4F]	10.99-	112414	14 85	10.99-	113346	12 0.8	
	[18K4K]	02.00-	112414	14 85	02.00-	113346	12 0.8	
25 2.0 iDT	[20T2N]	01.02- 06.04	114386	14 90	10.99- 05.05	113928	12 1.7	
45 1.4	[14K4F]	02.00-	112414	14 85	02.00-	113346	12 0.8	
		AC			02.00-	113281	12 1.1	
45 1.6	[16K4F]	02.00-	112414	14 85	02.00-	113346	12 0.8	
45 1.8	[18K4F]	02.00-	112414	14 85	02.00-	113346	12 0.8	
		AC			02.00-	113281	12 1.1	
45 2.0 iDT	[20T2N]	02.00- 05.05	114386	14 90	02.00- 05.05	113361	12 1.7	
45 2.0 V6	[20K4F]	02.00-	115864	14 90	02.00-	113928	12 1.7	
75 2.0 CDT	[M47R]	08.01-	112462	14 120	08.01-	113965	12 2.0	
		08.01-	112472	14 100	08.01-	114502	12 1.2	
75 2.0 CDTi	[204D2]	02.03-	112462	14 120	02.03-	113965	12 2.0	
		02.03-	112472	14 100	AT 02.03-	115950	12 2.0	
75 2.0 V6	[20K4F]	08.01-	115864	14 90	02.99-	115950	12 2.0	
75 2.5 V6	[25K4F]	10.01-	115864	14 90	AT 10.01-	115950	12 2.0	
	[KV6]	08.01-	115864	14 90	08.01-	115950	12 2.0	
111 1.1 Metro	[11K2A]	03.90- 03.98	111086	14 65	03.90- 03.98	112224	24 6.7	
		03.90- 12.98	111364	14 55	03.90- 12.98	113346	12 0.8	
	[11K2D]	03.90- 03.98	111086	14 65	03.90- 03.98	113346	12 0.8	
		03.90-	111364	14 55				
		04.94- 10.97	112238	14 65				
114 1.4	[14K2D]	03.90-	111364	14 55	03.90-	113346	12 0.8	
		03.90-	112238	14 65				
114 1.4 Metro	[14K2A]	03.90-	111364	14 55	03.90-	111029	12 1.4	
		03.90-	112238	14 65	03.90-	113346	12 0.8	
		09.90- 03.98	111756	14 65				
	[14K2D]	09.90- 03.98	111756	14 65	09.90- 03.98	113346	12 0.8	
114 1.4 16V Metro	[14K4C]	03.90-	111364	14 55	03.90-	113346	12 0.8	
		03.90-	112238	14 65				
		02.96-	111756	14 65				
	[14K4D]	03.90-	111364	14 55	03.90-	113346	12 0.8	
		03.90-	112238	14 65				
		02.96-	111756	14 65				
114 1.4 GSi	[14K4F]	10.94- 10.95	111364	14 55	10.94- 10.95	113346	12 0.8	
		10.94- 10.95	112238	14 65				
114 1.4 GTi 16V	[14K4F]	08.91-	112238	14 65				
114 1.4 GTi 16V Metro	[14K4C]	03.90- 08.91	112238	14 65				
	[14K4D]	03.90- 08.91	112238	14 65				
115 1.5 Diesel Metro	[TUD5]	12.94- 12.98	112287	14 70	12.94- 12.98	111029	12 1.4	
200 1.8	[18K4F]	08.99- 03.00	111756	14 65	08.99- 03.00	113281	12 1.1	
200 2.0 Diesel SD	[20T2R]	Chas. -YD471564	11.95- 03.00	114386	14 90	11.95- 03.00	113361	12 1.7
211 1.1	[11K2D]	01.98-	111756	14 65	01.98-	113346	12 0.8	
213 1.3	[EV2]				09.85- 09.89	110249	12 0.8	
214 1.4	[14K2A]	09.93-	111362	14 55	09.93-	112224	24 6.7	
	[14K2D]	09.93-	111362	14 55	09.93-	113346	12 0.8	
	[14K4C]	10.89-	111364	14 55	10.89-	113346	12 0.8	
		10.89- 09.93	112238	14 65				
	[14K4D]	10.89-	111364	14 55	10.89-	113346	12 0.8	
		10.89- 09.93	112238	14 65				
	[14K4F]	12.92-	111364	14 55	12.92-	113346	12 0.8	
		12.92-	112238	14 65				



214 1.4 i	[14K2F]	11.95-	111756	14 65	11.95-	113346	12 0.8
	[14K4C]	01.92-	111362	14 55	01.92-	112224	24 6.7
	[14K4D]	01.92-	111362	14 55	01.92-	112224	24 6.7
	[14K4F]	01.93- 11.99	111738	14 65	01.93- 11.99	113346	12 0.8
214 1.4 Si	[14K4F]	01.93-	112238	14 65			
		02.96-	111756	14 65	02.96-	113346	12 0.8
216 1.6	[16H]	03.85- 09.89	111356	14 55	03.85- 09.89	113346	12 0.8
		03.85- 09.89	111756	14 65			
		09.84- 09.89	111356	14 55	03.85- 09.89	113346	12 0.8
216 1.6 Vitesse	[16H]	03.85- 09.89	111086	14 65			
216 1.6 GSi	[D16 Z2]	10.89- 02.96	111578	14 60			
216 1.6 GTi	[D16 A8]	09.90-	111578	14 60			
	[D16A9]	09.90- 10.95	111578	14 60			
216 1.6 i	[16K4F]	01.96- 03.00	111756	14 65			
	[D16 A8]	01.92-	111578	14 60			
216 1.6 Si	[16K4F]	02.96-	111756	14 65			
216 1.6 Turbo	[D16 A8]	10.92-	111578	14 60			
218 1.8 i	[18K4K]	11.95- 03.00	111756	14 65	11.95- 03.00	113281	12 1.1
		11.95-	112202	14 85	11.95-	113928	12 1.7
220 2.0 SDi	[20T2N]	11.95- 03.00	114386	14 90			
220 2.0 GTi	[20M4F]	09.91- 10.95	110968	14 70			
		09.91-	111355	14 65			
220 2.0 Turbo	[20T4G]	10.92-	110968	14 70	10.92-	113361	12 1.7
		10.92-	111355	14 65			
400 1.4	[14K2F]	03.96- 12.97	111756	14 65	03.96- 12.97	111442	12 1.4
400 1.6	[D16B2]	05.95- 03.00	111756	14 65	05.95- 03.00	113281	12 1.1
		05.95- 03.00	112414	14 85	06.95- 03.00	113346	12 0.8
400 1.8 i	[18K4K]	06.96- 11.98	111756	14 65	06.96- 11.98	111442	12 1.4
414 1.4	[14K4C]	04.90- 04.95	111364	14 55	04.90- 04.95	112217	12 1.0
	[14K4D]	04.90- 02.96	111364	14 55	04.90- 02.96	111442	12 1.4
	[14K4F]	01.93-	112238	14 65	01.93-	113346	12 0.8
		05.95- 03.00	112414	14 85	05.95- 03.00	113346	12 0.8
414 1.4 Si	[14K4F]	04.96-	111756	14 65			
		04.90-	111578	14 60	AT, Chas. AD250029-	04.90-	112217
416 1.6	[D16 Z2]	03.96-	111756	14 65	03.96-	113346	12 0.8
416 1.6 16V	[16K4F]	04.90-	111578	14 60	AT, Chas. AD250029-	04.90-	112217
416 1.6 GTi	[D16 A8]	05.94- 11.98	111578	14 60	AT, Chas. AD250029-	05.94- 11.98	112217
416 1.6 i	[D16A8]	05.94- 11.98	111578	14 60	AT, Chas. AD250029-	05.94- 11.98	112217
	[D16Z2]	04.96-	111756	14 65	04.96-	113346	12 0.8
416 1.6 Si	[16K4F]	10.88- 10.91	111355	14 65	10.88- 10.91	111131	12 0.8
	[D16Y2]	10.88- 12.91	112238	14 65	10.88- 12.91	110443	12 2.1
418 1.8 Diesel	[XUD7TE]	09.93- 11.98	113928	12 1.7			
418 1.8 16V	[18 K4K (VVC)]	01.97- 12.98	111756	14 65	01.97- 12.98	113928	12 1.7
420 2.0 Diesel Di	[20T2N]	05.95- 03.00	114386	14 90	05.95- 03.00	113361	12 1.7
420 2.0 Diesel	[20T2N]	05.95- 03.00	114386	14 90	05.95- 03.00	113361	12 1.7
	[20T2R]	11.95- 03.00	114386	14 90	11.95- 03.00	113361	12 1.7
618 1.9 i Si	[F18A3]				AT 03.96-	111442	12 1.4
					03.96-	112214	12 1.6
620 2.0 SDi	[20T2N]	12.94- 12.98	114386	14 90	12.94- 12.98	112214	12 1.6
					12.94-	113361	12 1.7
620 2.0 i	[F20Z2]				08.93- 06.96	112214	12 1.6
620 2.0 Si	[F20Z1]				AT 08.93-	111442	12 1.4
623 2.3 Si	[H23A3]				AT 08.93-	111442	12 1.4
					08.93-	112214	12 1.6
820 2.0 16V Si	[20HD]	10.86- 10.88	110968	14 70	10.86- 10.88	110443	12 2.1
820 2.0 i 16V	[20HD]	10.86- 10.88	110968	14 70	10.86- 10.88	110443	12 2.1
		10.86- 10.88	111738	14 65	10.86- 10.88	111131	12 0.8
		10.88- 01.91	111355	14 65			
		10.88- 12.91	112238	14 65			
820 2.0 Si	[20HD]	10.88- 12.91	112238	14 65			
	[20HDM16]	10.88- 12.91	110968	14 70	10.88- 12.91	110443	12 2.1
		10.88- 12.90	111355	14 65			
825 2.5 Diesel	[425SL1RR]				01.92-	112454	12 2.2
	[4924SHIRG]				01.92-	112454	12 2.2
					09.93-	112454	12 2.2
825 2.5 TD	[425SL1RR]				09.93-	112454	12 2.2
	[4924SHIRG]				09.93-	112454	12 2.2
825 2.7 SLi Vitesse	[C27A2]	10.88- 12.91	110968	14 70	10.88- 12.91	112454	12 2.2
		10.88- 12.91	111355	14 65			
827 2.7	[C27A1]	10.88- 12.91	110968	14 70			
		10.88- 12.91	111355	14 65			
827 2.7 24V	[C27A1]	08.92- 02.99	110968	14 70			
		08.92-	111355	14 65			
827 2.7 Si	[C27A1]	01.92- 02.99	110968	14 70			
		01.92-	111355	14 65			
	[C27A2]	02.88- 12.91	110968	14 70			
		02.88- 12.91	111355	14 65			
827 2.7 Si Sterling	[C27A1]	02.88- 02.99	110968	14 70			
		02.88-	111355	14 65			
	[C27A2]	02.88- 12.91	110968	14 70			
1300 1.3	[12A2A]	06.91- 02.94	112203	14 65			
	[12A2B]	04.92- 10.96	112203	14 65			
	[12A2L]	05.96- 10.96	112203	14 65			
2200 2.2		09.63- 05.76	111185	14 43	A47		
3500 3.5	[38A]	06.76- 10.86	110178	14 36			
		06.76- 01.77	113474	14 65			
	[39A]	06.76- 10.86	110178	14 36			
		04.68- 05.76	111184	14 43			
820 E 2.0	[20HS]	10.86- 10.91	110968	14 70			
		10.86- 10.88	111738	14 65			
Commerce 1.4		10.88- 10.91	111355	14 65			
		01.03- 12.05	111756	14 65	01.03- 12.05	113346	12 0.8
		01.03- 12.05	112414	14 85	01.03- 12.05	113361	12 1.7
Commerce 2.0 Diesel		01.03- 12.05	114386	14 90			
Maestro 1.3	[12HE]	09.90- 01.95	110770	14 55			
Maestro 1.6		09.90- 01.95	111086	14 65			
Maestro 2.0 Diesel	[Prima 65]	09.90- 10.92	110770	14 55			
Maestro 2.0 TD	[BB]	09.90- 01.95	110770	14 55			
Mini 1.0 1000	[99HD81]	08.90- 06.93	111204	14 70			
		01.92- 06.93	111289	14 70			


ROVER Continued

Mini 1.3	[12 A2B]	10.92- 07.96	111289	14	70					
		10.92- 11.00	112203	14	65					
	[12A2E]	09.94- 07.96	111289	14	70					
		01.96- 09.00	112203	14	65					
	Mini 1.3 1300	[12A2A]	01.91- 12.91	110178	14	36				
		01.91- 12.91	112203	14	65					
[12A2D]		01.92-	111289	14	70					
		01.92-	112203	14	65					
[12A2E]		01.92-	112203	14	65					
		[12A2L]	01.92-	112203	14	65				
Mini Hatchback 1.3 Cooper		01.92- 10.96	112203	14	65					
Montego 1.3	[12HL]	10.84- 10.88	111362	14	55					
Montego 1.6	[16HL]	01.84- 01.91	111086	14	65					
		10.90- 09.92	111176	14	75	A47				
Montego 2.0 TD	[BB]	10.88- 10.95	110770	14	55					
		01.93- 12.93	111289	14	70					
		01.93- 12.93	113474	14	65					
		12.90-	110770	14	55	12.90-	113928	12	1.7	
Montego 2.0	[20H]	01.84- 01.92	112238	14	65					
Montego 2.0 GTi	[20H]	10.88- 10.91	110968	14	70					
		10.88- 10.91	111362	14	55					
		AC	10.88- 10.91	111355	14	65				
		Streetwise 2.0 TD	[20T2N]	08.03- 05.05	114386	14	90	08.03- 05.05	113346	12
						08.03-	113361	12	1.7	
Ruggerini										
MARINE										
Various Models						02.95-	112497	12	1.1	A49
						05.82-	112034	12	1.7	
						02.95-	115423	12	3.0	
						02.95-	116624	12	1.1	
MOTORS										
Ni Vozil							113480	12	1.2	
RF80						09.81-	112034	12	1.7	
RF81						09.81-	112034	12	1.7	
RF96						03.88-	112034	12	1.7	
RF99						06.86-	112034	12	1.7	
Various Models 0.7	[MD15.]					06.87-	112497	12	1.1	A49
						06.87-	116624	12	1.1	
	[MM150]					07.91-	112497	12	1.1	A49
						07.91-	116624	12	1.1	
	[MW15.]					02.89-	112497	12	1.1	A49
						02.89-	116624	12	1.1	
Various Models 0.9	[MD19.]					03.89-	112497	12	1.1	A49
						03.89-	114719	12	1.2	
						03.89-	116624	12	1.1	
	[MM19.]					03.89-	112497	12	1.1	A49
						03.89-	116624	12	1.1	
	[MW19.]					06.89-	112497	12	1.1	A49
					06.89-	116624	12	1.1		
Various Models	[MD300]						115697	12	1.8	
	[MD301]						115697	12	1.8	
	[MD350]						115697	12	1.8	
						09.81-	112034	12	1.7	
						09.81-	115423	12	3.0	
Sabb										
MARINE										
9 1.6	[2G]					01.59- 06.83	111284	12	2.5	
						01.59- 06.83	111304	12	2.7	
16 1.9	[2J]					01.72-	111284	12	2.5	
						01.72-	111304	12	2.7	
Sabre										
MARINE										
Various Models			113714	28	55					
			112112	14	70					
Samsung										
INDUSTRY										
SE210 Excavators	[6BT5.9]		111843	14	95					
SL120 Wheel Loaders and Dozers	[6BT5.9]		111843	14	95					
SL150 Wheel Loaders and Dozers	[6BTA5.9]		111843	14	95					
Scania										
MARINE										
D 9			115800	28	100					
DI 9			115800	28	100					
DS 9			115800	28	100					
DSI 9			115800	28	100					
WD615							114327	24	5.5	
Sea Doo										
MARINE										
Various Models						01.98-	112010	12		
						01.95-	111915	12	0.6	
						01.95- 01.99	111918	12	0.6	
						01.92-	111765	12	0.9	
Seat										
PASSENGER CARS EU										
127 0.9		05.72- 09.77	110611	14	55					
		08.80- 09.81	111078	14	45					
Alhambra 1.4 TSi	[CAVA]	06.10-	115528	14	140	A49				
		06.10-	116345	14	140					
	[CNWB]	06.10-	115528	14	140	A49				
		06.10-	116345	14	140					
	[CTHA]	06.10-	115528	14	140	A49				
		06.10-	116345	14	140					
	[CZDA]	05.15-	116193	14	140					
		05.15-	116228	12	180					
		05.15-	116229	12	180					
05.15-		116298	14	140						
Alhambra 1.4 TSi	[CZDA]	05.15-	116193	14	140					
		05.15-	116228	12	180					
		05.15-	116229	12	180					
		05.15-	116298	14	140					



Alhambra 1.8 TFSI	[CDA]	11.12-	114722	14 140	AT	11.12-	116156	12 2.0
Alhambra 1.8 Turbo 20V	[AJH]	10.97-	112002	14 120 A47		10.97-	112429	12 2.0
		10.97-	114789	14 90 A49	AT	10.97-	116156	12 2.0
		09.98- 02.00	115483	14 120 A49		10.97-	115560	12 1.7
	Chas. -X 025001	10.97-	112079	14 90 A47				
	[AWC]	06.00-	112002	14 120	AT	06.00-	111909	12 1.1
		06.00-	115483	14 120 A49				
Alhambra 1.9 TDi	[1Z]	03.96- 07.96	111477	14 90		03.96- 07.96	112429	12 2.0
		03.96- 07.96	111988	14 120				
		04.96- 03.10	111353	14 70				
	[1Z,AHU,ANU]	03.96- 03.10	112002	14 120	Chas. -X005000	03.96- 03.10	111749	12 1.1
		03.96- 03.10	113992	14 140		03.96- 03.10	115504	12 1.1 A49
	[AFN]	03.99- 02.00	115483	14 120 A49		09.97- 02.02	115539	12 2.0 A49
		05.97- 02.99	111828	14 120		08.96- 06.00	112429	12 2.0
		05.97- 02.99	111884	14 90		08.96- 06.00	115560	12 1.7
		08.96- 06.00	112002	14 120 A47	AT	08.96- 06.00	116156	12 2.0
		08.96- 06.00	112079	14 90 A47		09.97- 02.02	115402	12 1.8
		08.96- 06.00	114789	14 90 A49				
	[AHU]	04.96- 03.10	111353	14 70		04.96- 03.10	112429	12 2.0
		04.96-	111988	14 120				
		07.96-	111477	14 90				
	[ANU]	06.00-	112002	14 120 A47	AT, Chas.	06.00-	111909	12 1.1
		06.00-	112079	14 90 A47	AT	06.00-	115561	12 1.7
		06.00-	114789	14 90 A49	AT	06.00-	115523	12 2.3
		06.00-	115483	14 120 A49		04.96- 03.10	112429	12 2.0
		04.96- 03.10	111353	14 70				
	[ARL]	05.05-	112002	14 120 A47		05.05-	111900	12 1.8
		05.05-	113992	14 140		05.05-	115402	12 1.8
		05.05-	115483	14 120 A49				
	[ASZ]	11.02- 11.08	112002	14 120		11.02- 11.08	115539	12 2.0
		11.02- 11.08	112079	14 90	AT	11.02-	111909	12 1.1
		11.02- 11.08	113992	14 140		11.02- 11.08	115402	12 1.8
		11.02-	114789	14 90 A49		11.02- 11.08	114174	12 1.1
		11.02-	115483	14 120 A49	AT	11.02-	115523	12 2.3
	[AUY]	06.00-	112002	14 120 A47		06.00-	112286	12 1.7
		06.00-	112079	14 90 A47	AT	06.00-	115561	12 1.7
		06.00-	114789	14 90 A49		06.00-	115900	12 1.1
		06.00-	115483	14 120 A49				
	[AVG]	08.96- 06.00	111828	14 120		08.96- 06.00	112429	12 2.0
		08.96- 06.00	111884	14 90				
		08.96- 06.00	112002	14 120 A47		08.96- 06.00	111694	12 1.8
		08.96- 06.00	112079	14 90 A47		08.96- 06.00	115402	12 1.8
		08.96- 06.00	114789	14 90 A49	AT	08.96- 06.00	115523	12 2.3
		08.96- 06.00	115483	14 120 A49				
	[BTB]	05.05-	112002	14 120 A47		05.05-	111900	12 1.8
		05.05-	113992	14 140		05.05-	115503	12 1.8 A49
		05.05-	115483	14 120 A49				
	[BVK]	11.05-	112002	14 120 A47		11.05-	111900	12 1.8
		11.05-	112079	14 90 A47		11.05-	115402	12 1.8
		11.05-	113992	14 140		11.05-	115503	12 1.8 A49
		11.05-	114789	14 90 A49	AT	11.05-	115523	12 2.3
		11.05-	115483	14 120 A49				
	[BVK,AUY]	06.00- 03.10	112002	14 120		06.00- 03.10	115539	12 2.0
		06.00- 03.10	113992	14 140		06.00- 03.10	115504	12 1.1 A49
Alhambra 1.9 TDi 4 Motion	[AUY]	06.00-	112002	14 120 A47	AT	06.00-	112286	12 1.7
		06.00-	112079	14 90 A47		06.00-	115561	12 1.7
		06.00-	114789	14 90 A49		06.00-	115900	12 1.1
		02.01-	115483	14 120 A49				
	[BVK]	06.00-	112002	14 120 A47	AT, Chas. -X005000	06.00-	111748	12 1.1
		06.00-	112079	14 90 A47		06.00-	115402	12 1.8
		06.00-	114789	14 90 A49				
		06.00-	115483	14 120 A49				
Alhambra 1.9 TDi 4Motion	[BVK,AUY]	06.02- 05.08	112002	14 120	AT	06.02- 05.08	115539	12 2.0 A49
		06.02- 05.08	113992	14 140		06.02- 05.08	114174	12 1.1
Alhambra 2.0 TDi	[BRT]	11.05-	112002	14 120 A47		11.05-	111900	12 1.8
		11.05-	113992	14 140		11.05-	115503	12 1.8 A49
		11.05-	115483	14 120 A49				
	[CFFA]	06.10- 05.11	114831	14 180				
		06.10- 05.11	115433	14 140				
		06.10- 05.11	115713	14 180 A49				
		06.10- 05.11	116036	14 140				
		06.10- 05.11	116319	14 180				
		06.10- 05.11	116452	14 140				
	[CFFB]	06.10-	115433	14 140				
		06.10-	115712	14 180				
		06.10-	115713	14 180 A49				
		06.10-	116036	14 140				
		06.10-	116319	14 180				
		06.10-	116452	14 140				
	[CFFE]	05.11-	114831	14 180				
		05.11-	115433	14 140				
		05.11-	115713	14 180 A49				
		05.11-	116036	14 140				
		05.11-	116319	14 180				
		05.11-	116452	14 140				
		05.11-	116717	14 140				
	[CFGB]	06.10-	115433	14 140				
		06.10-	115712	14 180				
		06.10-	115713	14 180 A49				
		06.10-	116036	14 140				
		06.10-	116319	14 180				
		06.10-	116452	14 140				
	[CFGC]	11.12-	115433	14 140				
		11.12-	116036	14 140				
		11.12-	116452	14 140				
		11.12-	116647	14 140				

SEAT Continued

	[CUVC]	05.15-	115898	14 140			
		05.15-	116195	14 180			
		05.15-	116359	14 140			
		05.15-	116647	14 140			
		05.15-	116717	14 140			
	[CUVC,DFLA]	05.15-	114322	14 140	05.15-	116156	12 2.0
		05.15-	115898	14 140			
		05.15-	116195	14 180			
		05.15-	116384	14 180			
		05.15-	116647	14 140			
	[CUWA]	05.15-	115898	14 140			
		05.15-	116195	14 180			
		05.15-	116359	14 140			
		05.15-	116647	14 140			
		05.15-	116717	14 140			
	[DFMA,CUWA]	05.15-	114322	14 140	05.15-	116156	12 2.0
		05.15-	115898	14 140			
		05.15-	116195	14 180			
		05.15-	116384	14 180			
		05.15-	116647	14 140			
Alhambra 2.0 TDi 4Drive	[CUVC]	05.15-	115898	14 140			
		05.15-	116195	14 180			
		05.15-	116359	14 140			
		05.15-	116647	14 140			
		05.15-	116717	14 140			
	[DLUB]	11.18-	114322	14 140	11.18-	114174	12 1.1
		11.18-	116384	14 180			
		11.18-	116647	14 140			
		11.18-	116717	14 140			
Alhambra 2.0 TDi 4WD	[CUVC]	05.15-	115898	14 140			
		05.15-	116195	14 180			
Alhambra 2.0 TDi 4x4	[CFFB]	05.11-	114831	14 180			
		05.11-	115433	14 140			
		05.11-	115713	14 180 A49			
		05.11-	116036	14 140			
		05.11-	116319	14 180			
		05.11-	116452	14 140			
	[DFMA]	05.16-	116647	14 140			
Alhambra 2.0 i	[ADY]	04.96-	111479	14 90	04.96-	112429	12 2.0
		04.96-	116587	14 110			
		04.96-	111477	14 90			
	[ATM]	06.00-	115483	14 120 A49	Chas. X005001-	112005	12 1.1
		04.96-	112002	14 120 A47			
		04.96-	116587	14 110			
		04.96-	116717	14 140			
Alhambra 2.0 TSi	[CCZA]	11.10-	114722	14 140	11.10-	116156	12 2.0
	[DEDA]	05.15-	116186	14 180			
		05.15-	116747	14 180			
Alhambra 2.0	[ATM,ADY]	03.96- 03.10	112002	14 120	03.96- 03.10	111749	12 1.1
		03.96- 03.10	113992	14 140	03.96- 03.10	115503	12 1.8 A49
Alhambra 2.8 V6	[AUE]	06.00-	112002	14 120 A47	06.00-	111694	12 1.8
		06.00-	113884	14 150	06.00-	115402	12 1.8
		06.00-	113885	14 150			
		06.00-	115483	14 120 A49			
		06.00-	112002	14 120 A47	06.00-	112286	12 1.7
	[AYL]	06.00-	113884	14 150	06.00-	115402	12 1.8
		06.00-	113885	14 150			
		06.00-	115483	14 120 A49			
		06.00-	112002	14 120 A47	06.00-	111748	12 1.1
		06.00-	113884	14 150	06.00-	115402	12 1.8
Alhambra 2.8 V6 4 Motion	[AUE]	06.00-	112002	14 120 A47	AT 06.00-	111748	12 1.1
		06.00-	113884	14 150	06.00-	115402	12 1.8
		06.00-	113885	14 150			
		06.00-	115483	14 120 A49			
		06.00-	112002	14 120 A47	06.00-	111900	12 1.8
	[AYL]	06.00-	113885	14 150	06.00-	115402	12 1.8
		06.00-	115483	14 120 A49			
		02.01-	113884	14 150			
		04.10-	115765	14 140	04.10-	115634	12 1.8
		04.10-	115767	14 140			
Altea 1.2 TSi	[CBZB]	04.10-	116207	14 110	04.10-	115638	12 1.7
		10.06-	113874	14 110	AT 10.06-	111909	12 1.1
		10.06-	116587	14 110	10.06-	115612	12 1.2
	[CGGB]	10.06-	113874	14 110	10.06-	113773	12 1.1
Altea 1.4	[BXW]	10.06-	116587	14 110	10.06-	115612	12 1.2
		05.06-	113874	14 110	AT, 6 Speed 05.06-	113509	12 1.7
		05.06-	116587	14 110	05.06-	115612	12 1.2
	[CGGB]	05.06-	113874	14 110	AT 05.06-	113509	12 1.7
		05.06-	116587	14 110	05.06-	115612	12 1.2
		05.06-	116587	14 110			
Altea 1.4 TSi	[CAXC]	11.07-	114769	14 110	11.07-	115504	12 1.1 A49
		11.07-	114884	14 140	11.07-	115508	12 1.7 A49
Altea 1.6 LPG	[CHGA]	09.09-	113992	14 140	AT, 7 Speed 09.09-	115376	12 1.8
Altea 1.6 Multifuel	[BSE]	10.06-	113992	14 140	10.06-	113842	12 1.7
		10.06-	115621	14 110	10.06-	114163	12 1.1
		10.06-	115621	14 110	10.06-	115612	12 1.2
	[BSF]	10.06-	113992	14 140	10.06-	113841	12 1.7
		10.06-	115621	14 110	10.06-	114163	12 1.1
	[CCSA]	10.06-	113992	14 140	10.06-	115376	12 1.8
		10.06-	115621	14 110	10.06-	114163	12 1.1
		10.06-	115621	14 110	10.06-	115612	12 1.2
	[CAYB]	11.10-	113992	14 140	11.10-	113842	12 1.7
		11.10-	115433	14 140	11.10-	114163	12 1.1
		11.10-	116036	14 140	11.10-	115638	12 1.7
		11.10-	116452	14 140	AT 11.10-	115611	12 1.1
Altea 1.6 TDi	[CAYC]	10.09-	113992	14 140	10.09-	113842	12 1.7
		10.09-	115433	14 140	10.09-	114163	12 1.1
		10.09-	116036	14 140	10.09-	115638	12 1.7
		10.09-	116452	14 140			
	[CMXA]	11.10- 05.11	113992	14 140	A25 11.10- 05.11	115336	12 2.2
		11.10- 05.11	115621	14 110	11.10- 05.11	115634	12 1.8
Altea 1.6	[BGU]	03.04-	113992	14 140	AT 03.04-	115612	12 1.2
		03.04-	113992	14 140	03.04-	113773	12 1.1
Altea 1.6	[BSE]	03.04-	113992	14 140	03.04-	113773	12 1.1
		03.04-	113992	14 140	03.04-	113773	12 1.1



	[BSF]	03.04-	113992	14 140	03.04-	113773	12 1.1
	[CCSA]	03.04-	113992	14 140	03.04-	115311	12 2.0
		03.04-	115621	14 110	03.04-	114163	12 1.1
	[CMXA]	03.04-	113992	14 140	03.04-	115311	12 2.0
		03.04-	115621	14 110	03.04-	114163	12 1.1
Altea 1.8 TFSi	[BYT]	01.07-	114722	14 140	A25 01.07-	115336	12 2.2
	[BZB]	01.07-	114722	14 140	A25 01.07-	115336	12 2.2
					01.07-	115612	12 1.2
	[CDA A]	01.07-	114722	14 140	AT and Start/Stop 01.07-	115337	12 2.0
					01.07-	115612	12 1.2
Altea 1.9 TDi	[BJB]	04.04-	113992	14 140	04.04-	113773	12 1.1
		04.04-	115370	14 110	04.04-	115508	12 1.7 A49
	[BKC]	04.04-	113992	14 140	04.04-	113773	12 1.1
		04.04-	115370	14 110	04.04-	115508	12 1.7 A49
	[BLS]	04.04-	113992	14 140	04.04-	114034	12 1.0
		04.04-	115370	14 110	04.04-	114176	12 1.0
	[BXE]	04.04-	113992	14 140	04.04-	114034	12 1.0
		04.04-	115370	14 110	04.04-	114176	12 1.0
	[BXF]	08.09-	113992	14 140	08.09-	113842	12 1.7
		08.09-	115370	14 110	08.09-	114163	12 1.1
Altea 2.0 TDi 16V	[AZV]	11.06-	113992	14 140	11.06-	113841	12 1.7
		11.06-	115370	14 110	11.06-	114176	12 1.0
Altea 2.0 TDi	[AZV]	03.04-	113992	14 140	03.04-	113773	12 1.1
		03.04-	115370	14 110	03.04-	115508	12 1.7 A49
	[BKD]	03.04-	113992	14 140	03.04-	113773	12 1.1
	[BMM]	11.05-	113992	14 140	11.05-	113773	12 1.1
		11.05-	115370	14 110	11.05-	114175	12 1.1
	[BMN]	03.06-	113992	14 140	03.06-	113773	12 1.1
		03.06-	115370	14 110	03.06-	114299	12 1.7
	[CEGA]	03.06-	113992	14 140	03.06-	115376	12 1.8
	[CFHC]	03.04-	113992	14 140	AT 03.04-	115333	12 1.0
Altea 2.0 TDi 4x4	[BMM]	06.07-	113992	14 140	06.07-	113841	12 1.7
		06.07-	115370	14 110	06.07-	114176	12 1.0
Altea 2.0 FSi	[BLR]	05.04-	113992	14 140	05.04-	113773	12 1.1
	[BLY]	05.04-	113992	14 140	05.04-	113773	12 1.1
	[BVY]	05.04-	113992	14 140	05.04-	114034	12 1.0
	[BVZ]	05.04-	113992	14 140	05.04-	114034	12 1.0
Altea 2.0 TFSi	[BWA]	04.06-	113992	14 140	04.06-	113841	12 1.7
Altea XL 1.2 TSi	[CBZB]	04.10-	115765	14 140	04.10-	115638	12 1.7
		04.10-	115767	14 140	04.10-	115612	12 1.2
		04.10-	116207	14 110	04.10-	115645	12 2.0
Altea XL 1.6 LPG	[CHGA]	09.09-	113992	14 140	A25 09.09-	115402	12 1.8
					09.09-	115611	12 1.1
Altea XL 1.6 TDi	[CAYB]	11.10-	113992	14 140	11.10-	113842	12 1.7
		11.10-	115433	14 140	11.10-	115634	12 1.8
		11.10-	116036	14 140	11.10-	115638	12 1.7
		11.10-	116452	14 140			
Altea XL 1.6	[BSE]	10.06-	111989	14 90	10.06-	113773	12 1.1
		10.06-	113992	14 140			
	[BSF]	10.06-	111989	14 90	10.06-	113773	12 1.1
		10.06-	113992	14 140	10.06-	113841	12 1.7
	[CCSA]	10.06-	111989	14 90	10.06-	113773	12 1.1
		10.06-	113992	14 140	AT, 7 Speed 10.06-	115376	12 1.8
		10.06-	115621	14 110 A49	10.06-	115638	12 1.7
	[CMXA]	10.06-	111989	14 90	10.06-	113773	12 1.1
		10.06-	113992	14 140	10.06-	115311	12 2.0
		10.06-	115621	14 110	10.06-	115638	12 1.7
Altea XL 1.8 TFSi	[BYT]	01.07-	114722	14 140	01.07-	115508	12 1.7 A49
	[BZB]	01.07-	114722	14 140	01.07-	115508	12 1.7 A49
	[CDA A]	01.07-	114722	14 140	01.07-	115508	12 1.7 A49
Altea XL 1.9 TDi	[BKC]	10.06-	113992	14 140	10.06-	113773	12 1.1
		10.06-	115370	14 110	10.06-	114299	12 1.7
	[BLS]	10.06-	113992	14 140	AT, 7 Speed 10.06-	115376	12 1.8
		10.06-	115370	14 110	10.06-	114163	12 1.1
	[BXE]	10.06-	113992	14 140	10.06-	113841	12 1.7
		10.06-	115370	14 110	10.06-	114176	12 1.0
	[BXF]	08.09-	113992	14 140	08.09-	113842	12 1.7
		08.09-	115370	14 110	08.09-	114163	12 1.1
Altea XL 2.0 TDi 16V	[BKD]	10.06-	113992	14 140	10.06-	113841	12 1.7
		10.06-	115370	14 110	10.06-	114163	12 1.1
	[CFHC]	10.06-	113992	14 140	AT 10.06-	115333	12 1.0
Altea XL 2.0 TDi 16V 4x4	[CFHC]	10.10-	113992	14 140	A25 10.10-	115402	12 1.8
Altea XL 2.0 TDi	[BMM]	10.06-	113992	14 140	10.06-	113841	12 1.7
		10.06-	115370	14 110	10.06-	114163	12 1.1
	[BMN]	06.07-	113992	14 140	06.07-	113773	12 1.1
		06.07-	115370	14 110	06.07-	114175	12 1.1
	[CEGA]	06.07-	113992	14 140	A25 06.07-	115336	12 2.2
		06.07-	115370	14 110	06.07-	115634	12 1.8
Altea XL 2.0 TDi 4WD	[BMN]	06.07-	113992	14 140	06.07-	113842	12 1.7
		06.07-	115370	14 110	06.07-	114163	12 1.1
	[CEGA]	06.07-	113992	14 140	A25 06.07-	115337	12 2.0
		06.07-	115370	14 110	06.07-	115634	12 1.8
	[CFJA]	06.07-	113992	14 140	06.07-	115508	12 1.7 A49
		06.07-	115370	14 110	06.07-	115634	12 1.8
Altea XL 2.0 FSi	[BVY]	10.06-	113992	14 140	10.06-	113773	12 1.1
	[BVZ]	10.06-	113992	14 140	10.06-	113841	12 1.7
Altea XL 2.0 TFSi 4WD	[BWA]	06.07-	113992	14 140	06.07-	113842	12 1.7
Arona 1.0 TSi	[CHZJ]	07.17-	116193	14 140	07.17-	115560	12 1.7
		07.17-	116298	14 140	07.17-	114299	12 1.7
		07.17-	116619	14 110	07.17-	115944	12 1.7
	[CHZL]	07.17-	116231	12 110	07.17-	115561	12 1.7
	[DKJA]	07.17-	116193	14 140	07.17-	115560	12 1.7
		07.17-	116231	12 110	07.17-	115561	12 1.7
		07.17-	116298	14 140	07.17-	115336	12 2.2
		07.17-	116619	14 110	AT 07.17-	116272	12 1.1
Arona 1.0 TGI	[DBYA]	11.18-	116231	12 110	11.18-	115336	12 2.2
Arona 1.0 TSi	[DLAA]	06.20-	114322	14 140	06.20-	115560	12 1.7
		06.20-	116373	14 140	AT 06.20-	116272	12 1.1
Arona 1.5 TSi	[DADA]	07.17-	116298	14 140	07.17-	116272	12 1.1



SEAT Continued

Arona 1.6 TDI	[DGTA]	07.17-	114322	14 140	07.17-	115560	12 1.7	
		07.17-	116373	14 140	07.17-	116272	12 1.1	
		07.17-	116647	14 140	07.17-	115944	12 1.7	
		07.17-	116717	14 140				
	[DGTD]	11.17-	114322	14 140	11.17-	115560	12 1.7	
		11.17-	116373	14 140	11.17-	116272	12 1.1	
		11.17-	116647	14 140	11.17-	115944	12 1.7	
		11.17-	116717	14 140	11.17-	115818	12 1.1	
Arosa 1.0	[AER]	02.97-	111479	14 90	02.97-	113750	12 0.9	BO
		05.97- 04.98	111352	14 70	05.97- 04.98	112307	12 1.1	
		05.97- 06.04	116587	14 110	05.97- 04.98	111823	12 1.1	
		PS 05.97- 04.98	111353	14 70	05.97-	114758	12 0.9	MA
		PS 05.97- 04.98	111477	14 90				
		ACPS 05.97-	112274	14 90				
	[AHT]	02.97-	111352	14 70	02.97-	112307	12 1.1	
		10.97- 02.00	112274	14 90	10.97- 02.00	113750	12 0.9	BO
		10.97-	112419	14 70	10.97-	114758	12 0.9	MA
		01.98- 06.04	116587	14 110				
	[ALD]	10.99-	112273	14 70				
		05.97-	116587	14 110	01.99- 07.00	113750	12 0.9	BO
		PS 01.99- 07.00	112273	14 70	01.99- 07.00	114758	12 0.9	MA
		AC 01.99- 07.00	112274	14 90				
	[ALL]	05.97-	116587	14 110	10.97- 05.99	112307	12 1.1	
		10.97- 05.99	111352	14 70	10.97- 05.99	114758	12 0.9	MA
		10.97- 05.99	112274	14 90	10.97- 05.99	111823	12 1.1	
		PS 10.97- 05.99	111353	14 70				
		PS 10.97- 05.99	111477	14 90				
	[ANV]	05.97-	116587	14 110	01.99- 07.00	113750	12 0.9	BO
		PS 01.99- 07.00	112273	14 70	01.99- 07.00	115503	12 1.8	A49
		AC 01.99- 07.00	112274	14 90				
	[AUC]	05.97-	116587	14 110	05.00-	113750	12 0.9	BO
		PS 05.00-	112273	14 70	05.00-	114758	12 0.9	MA
AC 05.00-		112274	14 90					
Arosa 1.4 TDi	[AMF]	01.00-	113275	14 120	01.00-	114758	12 0.9	MA
Arosa 1.4	[AEX]	02.97-	111479	14 90	02.97-	111904	12 1.8	
		05.97- 11.97	111352	14 70	05.97- 11.97	112307	12 1.1	
		PS 02.97-	111353	14 70	05.97- 11.97	111823	12 1.1	
		PS 05.97- 11.97	111477	14 90				
	[AKK]	01.99- 10.00	112274	14 90	01.99- 10.00	114758	12 0.9	MA
		PS 01.99- 10.00	112273	14 70	01.99- 10.00	113750	12 0.9	BO
	[AKV]	05.97- 09.99	111352	14 70	05.97- 09.99	112307	12 1.1	
		05.97- 09.99	111479	14 90	05.97- 09.99	111900	12 1.8	
		PS 05.97- 09.99	111353	14 70				
		PS 05.97- 09.99	111477	14 90	05.97- 09.99	111823	12 1.1	
	[ANW]	01.99- 10.00	112274	14 90	01.99- 10.00	114758	12 0.9	MA
		PS 01.99- 10.00	112273	14 70	01.99- 10.00	113750	12 0.9	BO
	[APQ]	12.97- 08.98	111352	14 70	12.97- 08.98	112307	12 1.1	
		12.97- 08.98	111479	14 90	12.97- 08.98	113750	12 0.9	BO
		PS 12.97- 08.98	111353	14 70	12.97- 08.98	111823	12 1.1	
		PS 12.97- 08.98	111477	14 90				
	[AUD]	01.99-	112274	14 90	01.99-	114758	12 0.9	MA
		PS 01.99-	112273	14 70	01.99-	113750	12 0.9	BO
Arosa 1.4 16V	[AFK]	01.00-	112273	14 70	01.00-	113750	12 0.9	BO
	[ANW]	01.00-	112273	14 70	01.00-	113750	12 0.9	BO
	[AQQ]	05.99- 09.00	112274	14 90	05.99- 09.00	114758	12 0.9	MA
	[AUB]	09.00-	112274	14 90	09.00-	114758	12 0.9	MA
Ateca 1.0 TSi	[CHZD]	06.16-	116619	14 110				
Ateca 1.4 TSi	[CZEA]	06.16-	116619	14 110				
Ateca 1.4 TSi 4x4	[CZEA]	06.16-	116619	14 110				
Ateca 1.5 TSi	[DADA]	07.18-	116193	14 140	07.18-	116097	12 2.0	
		07.18-	116228	12 180				
		07.18-	116229	12 180				
		07.18-	116231	12 110				
		07.18-	116298	14 140				
Ateca 1.5 TSi 4Drive	[DADA]	07.18-	116193	14 140	07.18-	116097	12 2.0	
		07.18-	116228	12 180				
		07.18-	116229	12 180				
		07.18-	116231	12 110				
		07.18-	116298	14 140				
Ateca 1.6 TDi	[DDYA]	04.16-	116717	14 140				
		06.16-	116373	14 140				
		06.16-	116647	14 140				
Ateca 2.0 TDi	[CRVA]	10.16-	115898	14 140	10.16-	116097	12 2.0	
		10.16-	116195	14 180	10.16-	115634	12 1.8	
		10.16-	116206	12 110	10.16-	115638	12 1.7	
		10.16-	116717	14 140				
	[CRVC]	10.16-	115898	14 140	10.16-	116097	12 2.0	
		10.16-	116195	14 180	10.16-	115634	12 1.8	
		10.16-	116206	12 110	10.16-	115638	12 1.7	
		10.16-	116717	14 140				
	[DFFA]	04.16-	116717	14 140	06.16-	115560	12 1.7	
		06.16-	115898	14 140				
06.16-		116359	14 140					
		06.16-	116373	14 140				
Ateca 2.0 TDi 4x4	[DFFA]	04.16-	116717	14 140	06.16-	116272	12 1.1	
		06.16-	115898	14 140				
		06.16-	116359	14 140				
		06.16-	116373	14 140				
	[DFHA]	06.16-	115898	14 140	06.16-	116097	12 2.0	
		06.16-	116359	14 140				
		06.16-	116373	14 140				
		06.16-	116717	14 140				
Ateca 2.0 TSi 4Drive	[CZPB]	05.17-	116386	14 140				
		05.17-	116747	14 180				
Cordoba 1.0	[AVZ,AST]	06.01- 08.02	116587	14 110				
		PS 06.01- 08.02	112273	14 70				
		PS 06.01- 08.02	112274	14 90				
Cordoba 1.0 i	[AER]	09.96-	111352	14 70	09.96-	112307	12 1.1	
		PS 09.96-	111353	14 70	09.96-	112005	12 1.1	
		PS 09.96-	111477	14 90	09.96-	111748	12 1.1	



Cordoba 1.2	[AZQ]	Chas. -6L-3-097169	10.02-	113253	14 90	Change pulley			
Cordoba 1.4 TDi	[AMF]		10.02-	113275	14 120				
	[BMS]		06.05-	112079	14 90	A47			
			06.05-	113275	14 120				
			06.05-	115714	14 110				
	[BNM]		05.05-	113275	14 120				
			05.05-	115714	14 110				
			05.05-	115764	14 90				
	[BNV]		06.05-	115714	14 110				
			06.05-	115764	14 90				
Cordoba 1.4	[AQQ]		02.00- 07.00	112273	14 70				
			02.00- 07.00	112274	14 90				
Cordoba 1.4 16V	[APE]		06.99-	112273	14 70				
			06.99-	112274	14 90				
	[AUA]		06.99-	112273	14 70				
			06.99-	112274	14 90				
	[AUB]		10.02-	112274	14 90				
	[BBY]	AC	10.02-	112274	14 90				
	[BBZ]		10.02-	112274	14 90				
	[BKY]		09.02-	112274	14 90				
Cordoba 1.4 i 16V	[AFH]		09.96- 06.99	111353	14 70		09.96- 06.99	112236	12 1.8
		AC	09.96- 06.99	111477	14 90		09.96- 06.99	111748	12 1.1
Cordoba 1.4 i	[ABD]		09.93- 12.95	111352	14 70		09.93- 12.95	112429	12 2.0
		PS	09.93- 12.95	111353	14 70		09.93- 12.95	112307	12 1.1
	[AEX]		12.95- 12.97	111352	14 70		12.95- 12.97	112429	12 2.0
		PS	12.95- 12.97	111353	14 70		12.95- 12.97	113515	12 0.9
			12.95- 12.97	111479	14 90		05.97-	112307	12 1.1
		PS	12.95- 12.97	111477	14 90		05.97-	113842	12 1.7
							12.95- 12.97	112286	12 1.7
							12.95- 12.97	111909	12 1.1
							05.97-	112236	12 1.8
							05.97-	111748	12 1.1
	[AKV]		09.97-	111352	14 70		09.97-	112307	12 1.1
		PS	09.97-	111353	14 70		09.97-	115503	12 1.8 A49
			09.97-	111479	14 90	Chas. -6L-5-090178	12.97-	112438	12 2.0 A49
		PS	09.97-	111477	14 90		12.97-	114062	12 1.7
							09.97-	112236	12 1.8
						Chas. 6K-ZR775808-	09.97-	111748	12 1.1
							12.97-	112286	12 1.7
							12.97-	111909	12 1.1
	[ANX]		01.98- 05.98	111352	14 70		01.98- 05.98	112307	12 1.1
			01.98- 05.98	111353	14 70		01.98-	112435	12 1.1
			01.98- 05.98	111477	14 90		01.98- 05.98	112005	12 1.1
			01.98-	111479	14 90	Chas. 6L-5-090179-	01.98-	111748	12 1.1
							01.98-	114062	12 1.7
							01.98-	112286	12 1.7
							01.98-	111909	12 1.1
	[APQ]		12.97- 12.02	111352	14 70		12.97- 12.02	112307	12 1.1
			12.97- 12.02	111353	14 70		12.97- 12.02	111909	12 1.1
			12.97- 12.02	111477	14 90		12.97- 12.02	113515	12 0.9
			12.97-	111479	14 90		12.97-	113841	12 1.7
		PS					12.97-	112286	12 1.7
Cordoba 1.6	[BAH]	AC	02.03-	112274	14 90				
Cordoba 1.6 16V	[BTS]		11.06-	114769	14 110				
Cordoba 1.6 i	[1F]		05.94- 11.02	111352	14 70		05.94- 11.02	112307	12 1.1
			09.96-	111479	14 90		09.96-	115503	12 1.8 A49
		AC	05.94- 11.02	111477	14 90		05.94- 11.02	113750	12 0.9
							09.96-	111748	12 1.1
							05.97- 12.02	113515	12 0.9
	[ABU]		09.93- 07.94	111353	14 70		09.93- 07.94	112286	12 1.7
			09.93- 07.94	111477	14 90		09.93- 07.94	111900	12 1.8
	[AEE]		05.97-	111353	14 70		05.97-	112005	12 1.1
		AC	03.97-	111477	14 90		05.97-	112286	12 1.7
							03.97-	111909	12 1.1
							05.97-	111748	12 1.1
	[AFT]		04.97- 06.99	111352	14 70		12.95-	113842	12 1.7
		PS	12.95- 11.02	111353	14 70		09.96-	115503	12 1.8 A49
			12.95-	111479	14 90		04.97- 06.99	112307	12 1.1
		AC	12.95-	111477	14 90		12.95- 11.02	112236	12 1.8
							12.95-	111900	12 1.8
							09.96-	111748	12 1.1
	[ALM]		03.99- 12.02	112274	14 90	Chas. -ZR775807	09.97-	112286	12 1.7
			06.99-	112273	14 70		09.97-	112005	12 1.1
			09.97-	111353	14 70		09.97-	111900	12 1.8
			09.97-	111477	14 90		09.97-	111748	12 1.1
Cordoba 1.8 i 16V	[ADL]		09.93-	111353	14 70		09.93-	112286	12 1.7
			09.93-	111477	14 90		09.93-	111900	12 1.8
Cordoba 1.8 i	[ABS]		02.93-	111352	14 70		02.93-	112307	12 1.1
			02.93-	111479	14 90		02.93-	115503	12 1.8 A49
		AC	02.93-	111477	14 90		02.93-	113515	12 0.9
	[ACC]		02.93- 06.99	111352	14 70		02.93- 06.99	112307	12 1.1
			02.93- 06.99	111477	14 90		02.93- 06.99	113515	12 0.9
			02.93- 06.99	111479	14 90		02.93- 06.99	115503	12 1.8 A49
	[ADZ]		02.93-	111352	14 70		02.93-	112307	12 1.1
			02.93-	111479	14 90		02.93-	115503	12 1.8 A49
		AC	02.93-	111477	14 90		02.93-	113515	12 0.9
Cordoba 1.8 Turbo 20V Cupra	[AQX]		05.99- 10.00	112075	14 70				
			06.99-	111989	14 90				
	[AYP]		07.00- 10.02	111989	14 90				
			07.00- 10.02	112075	14 70				
Cordoba 1.9 Diesel	[1Y]		09.93-	111352	14 70		09.93-	112307	12 1.1
			09.93-	111477	14 90		09.93-	111748	12 1.1
Cordoba 1.9 SDi	[AEF]		08.96- 06.99	111353	14 70		08.96- 06.99	112286	12 1.7
			08.96- 06.99	111828	14 120		08.96- 06.99	115503	12 1.8 A49
		Chas. -6KX026679	08.96- 05.98	111884	14 90		08.96- 05.98	115508	12 1.7 A49
		AC	08.96- 06.99	111477	14 90		08.96- 06.99	111900	12 1.8

SEAT Continued

	[AEY]	09.96- 06.99	112002	14 120 A47	08.96- 12.02	112286	12 1.7	
		09.96- 06.99	112079	14 90 A47	08.96-	115503	12 1.8 A49	
		09.96- 06.99	114789	14 90 A49	08.96-	115508	12 1.7 A49	
		03.99- 06.99	115483	14 120 A49	09.96-	112307	12 1.1	
		08.96- 12.02	111353	14 70	AT 09.96-	111823	12 1.1	
		08.96-	111828	14 120	06.97- 03.99	115504	12 1.1 A49	
		08.96-	111884	14 90	06.97- 05.99	114758	12 0.9	
		09.96-	111352	14 70	08.96-	111900	12 1.8	
		03.99- 06.99	113340	14 70	09.96-	111749	12 1.1	
		AC 08.96-	111477	14 90				
	[AGP]	06.99- 10.02	112002	14 120				
		06.99- 10.02	112079	14 90				
		06.99- 10.02	113340	14 70				
		06.99- 10.02	114789	14 90 A49				
		06.99- 08.02	115483	14 120 A49				
	[AQM]	06.99-	112002	14 120 A47				
		06.99-	112079	14 90 A47				
		06.99-	113340	14 70				
		06.99- 10.02	114789	14 90 A49				
		06.99- 09.00	115483	14 120 A49				
	[ASY]	09.02-	112002	14 120 A47				
		09.02-	112079	14 90 A47				
		09.02-	113340	14 70				
		09.02-	114789	14 90 A49				
		09.02-	115483	14 120 A49				
Cordoba 1.9 TD	[AAZ]	02.93- 08.96	111479	14 90	02.93- 08.96	113842	12 1.7	
		02.93- 08.96	111828	14 120	02.93- 08.96	115503	12 1.8 A49	
		09.93-	111352	14 70	09.93-	112307	12 1.1	
		09.93-	111477	14 90	09.93-	111900	12 1.8	
Cordoba 1.9 TDi	[1Z]	08.96- 12.96	111828	14 120	08.96- 12.96	115504	12 1.1 A49	
		08.96- 12.96	111884	14 90	08.96- 12.96	115508	12 1.7 A49	
		08.96- 12.96	111988	14 120	08.96- 12.96	114758	12 0.9	
	[AFN]	03.97-	111353	14 70	03.97-	111823	12 1.1	
		03.97-	111477	14 90	03.97-	113750	12 0.9	
		03.97-	111828	14 120	03.97-	115504	12 1.1 A49	
		03.97-	111884	14 90	03.97-	114758	12 0.9	
		03.97-	111988	14 120	03.97-	116335	12 2.0	
		07.97- 06.99	112079	14 90 A47	02.98- 05.98	115508	12 1.7 A49	
		07.97- 06.99	114789	14 90 A49				
		03.99- 06.99	115483	14 120 A49				
		AC 07.97- 06.99	112002	14 120 A47				
		AC 03.99- 06.99	113340	14 70				
	[AHU]	01.00-	113340	14 70	08.96- 12.02	115504	12 1.1 A49	
		08.96- 12.02	111828	14 120	08.96- 05.98	115508	12 1.7 A49	
		08.96- 05.98	111884	14 90	08.96- 12.02	114160	12 1.8	
		08.96- 12.02	111988	14 120				
		08.96-	112002	14 120 A47				
		08.96-	112079	14 90 A47				
		08.96- 06.99	114789	14 90 A49				
	[ASZ]	03.99- 06.99	115483	14 120 A49				
		02.02-	113340	14 70				
		02.02-	115483	14 120 A49				
		10.02-	112002	14 120 A47				
		10.02-	112079	14 90 A47				
	[ATD]	10.02-	114789	14 90 A49				
		09.02-	112002	14 120 A47				
		09.02-	112079	14 90 A47				
		09.02-	113340	14 70				
		09.02-	114789	14 90 A49				
	[AXR]	09.02-	115483	14 120 A49				
		09.02-	112002	14 120 A47				
		09.02-	112079	14 90				
		09.02-	113340	14 70				
		09.02-	114789	14 90 A49				
	[BLT]	09.02-	115483	14 120 A49				
		05.05-	112002	14 120 A47				
		05.05-	112079	14 90 A47				
		05.05-	113340	14 70				
		05.05-	114789	14 90 A49				
	[BMT]	05.05-	115483	14 120 A49				
		09.02-	112002	14 120 A47				
		09.02-	112079	14 90 A47				
		09.02-	113340	14 70				
		09.02-	114789	14 90 A49				
Cordoba 2.0	[AZL]	09.02-	115483	14 120 A49				
		09.02-	111989	14 90				
	[BBX]	09.02-	112075	14 70				
Cordoba 2.0 i 16V	[ABF]	04.03-	111989	14 90				
		08.96- 12.02	111479	14 90	08.96- 12.02	113842	12 1.7	
		AC 08.96- 12.02	111477	14 90	08.96- 12.02	111694	12 1.8	
Cordoba 2.0 i	[2E]	02.93- 04.96	111352	14 70	02.93- 04.96	112307	12 1.1	
		02.93- 04.96	111479	14 90	02.93- 04.96	113842	12 1.7	
		AC 02.93- 04.96	111477	14 90	02.93- 04.96	111900	12 1.8	
	[AGG]	04.96-	111352	14 70	04.96-	112307	12 1.1	
		04.96-	111479	14 90	04.96-	113842	12 1.7	
		AC 04.96-	111477	14 90	04.96-	111900	12 1.8	
Exeo 1.6	[ALZ]	03.09- 09.10	116337	14 120				
Exeo 1.6 ST	[ALZ]	06.09- 09.10	116337	14 120				
Exeo 1.8	[CFMA]	03.09- 05.10	116337	14 120				
Exeo 1.8 ST	[CFMA]	06.09- 05.10	116337	14 120				
Exeo 2.0 TDi	[CAGA]	12.08-	115730	14 140	12.08-	114179	12 1.2	
		12.08-	115901	14 150				
	[CAGC]	08.09-	113992	14 140	08.09-	114096	12 2.0	
		08.09-	114109	14 180	08.09-	114177	12 2.0	
		08.09-	115730	14 140	08.09-	114179	12 1.2	
		08.09-	115901	14 150				
	[CAHA]	02.09-	115730	14 140	02.09-	114179	12 1.2	
		02.09-	115901	14 150				



	[CGLB]	01.08-	114109	14 180		01.08-	114096	12 2.0	
		02.09-	113992	14 140		02.09-	114177	12 2.0	
		02.09-	115730	14 140					
		02.09-	115901	14 150					
	[CJCA]	12.08-	113992	14 140		12.08-	114096	12 2.0	
		12.08-	115730	14 140		12.08-	114177	12 2.0	
		12.08-	115901	14 150					
		03.09-	114109	14 180					
	[CJCC]	08.09-	113992	14 140		08.09-	114096	12 2.0	
		08.09-	114109	14 180		08.09-	114177	12 2.0	
		08.09-	115730	14 140					
		08.09-	115901	14 150					
Exeo 2.0 TDi ST	[CAGA]	05.09-	115730	14 140		05.09-	115947	12 1.1	
		05.09-	115901	14 150					
	[CAGC]	07.09-	115730	14 140		07.09-	114179	12 1.2	
		07.09-	115901	14 150					
	[CAHA]	05.09-	115730	14 140		05.09-	115947	12 1.1	
		05.09-	115901	14 150					
	[CGLB]	05.09-	113992	14 140		05.09-	114096	12 2.0	
		05.09-	115730	14 140		05.09-	114177	12 2.0	
		05.09-	115901	14 150					
		06.09-	114109	14 180					
	[CJCA]	05.09-	113992	14 140		05.09-	114096	12 2.0	
		05.09-	115730	14 140		05.09-	114177	12 2.0	
		05.09-	115901	14 150					
		06.09-	114109	14 180					
	[CJCC]	06.09-	114109	14 180		06.09-	114096	12 2.0	
		07.09-	113992	14 140		07.09-	114177	12 2.0	
		07.09-	115730	14 140					
		07.09-	115901	14 150					
Exeo 2.0 TFSi	[BWE]	03.09-	114722	14 140		03.09-	114177	12 2.0	
Exeo 2.0 TFSi ST	[BWE]	06.09-	114722	14 140		06.09-	114177	12 2.0	
Fura 0.9	[09NCA]					03.84- 12.86	110365	12 0.8	
	[100GL.7000]	03.84- 12.86	111078	14 45		03.84- 12.86	110365	12 0.8	
	[HB90]	09.81- 12.84	111078	14 45		09.81- 12.84	110365	12 0.8	
Ibiza 0.9	[09NCA]	08.90- 05.93	111078	14 45		08.90- 05.93	110365	12 0.8	
	[146A.000]	06.84- 05.93	111078	14 45		06.84- 05.93	110365	12 0.8	
Ibiza 1.0	[CHYB]	05.15- 06.17	116678	14 90					
		05.15- 06.17	116705	14 110					
		A25 05.15-	116232	14 110					
	[AAU]	03.93- 09.96	111288	14 65		03.93- 09.96	110365	12 0.8	
	[CHYB]	05.15- 12.16	116678	14 90					
		05.15- 12.16	116705	14 110					
Ibiza 1.0 Sportcoupe		A25 05.15-	116232	14 110					
	[AST]	PS 05.00- 02.02	112273	14 70		05.00- 02.02	115560	12 1.7	
		PS 05.00- 02.02	112274	14 90					
	[AVZ]	PS 05.00- 02.02	112273	14 70		05.00- 02.02	115560	12 1.7	
Ibiza 1.0 i	[AER]	09.96- 10.99	111352	14 70	Chas. -6L-5D090015, -6L-5R090178	09.96- 10.99	112438	12 2.0	A49
		PS 09.96- 10.99	111353	14 70					
		PS 09.96- 10.99	111477	14 90	Chas. ZR199605-	09.96- 10.99	112286	12 1.7	
						09.96- 10.99	111748	12 1.1	
Ibiza 1.0 MPi	[DFNA]	07.18-	116232	14 110					
Ibiza 1.0 TSi	[CHZB]	05.15-	116619	14 110					
	[CHZC]	05.15-	116619	14 110					
	[CHZJ]	01.17-	116231	12 110					
		01.17-	116298	14 140					
	[CHZL]	01.17-	116231	12 110					
		01.17-	116298	14 140					
	[DKJA]	01.17-	116231	12 110					
		01.17-	116298	14 140					
Ibiza 1.0 TSi Sportcoupe	[CHZB]	05.15-	116619	14 110					
	[CHZC]	05.15-	116619	14 110					
Ibiza 1.2 TDi	[CFWA]	05.10- 05.15	115529	14 140		05.10- 05.15	115612	12 1.2	
		A25 05.10- 05.15	115785	14 140					
Ibiza 1.2	[021A.1000]	06.84- 09.85	110358	14 55		06.84- 09.85	110365	12 0.8	
	[AZQ]	11.01- 10.02	113253	14 90	Change pulley	11.01- 10.02	115561	12 1.7	
	[BME]	02.02-	113253	14 90		A25 02.02-	115336	12 2.2	
	[BZG]	03.08-	113253	14 90		03.08-	115336	12 2.2	
						A25 07.08-	115402	12 1.8	
	[CGPA]	03.08-	113253	14 90		A25 03.08-	115336	12 2.2	
						A25 03.08-	115336	12 2.2	
	[CJLB]	03.08-	113253	14 90					
Ibiza 1.2 TSi	[CBZA]	08.12-	115765	14 140					
		08.12-	115767	14 140					
		08.12-	116207	14 110					
	[CBZB]	09.10-	115765	14 140					
		09.10-	116207	14 110					
	[CJZC]	05.15-	116619	14 110					
	[CJZD]	09.15-	116298	14 140					
		09.15-	116619	14 110					
Ibiza 1.2 TSi Sportcoupe	[CJZC]	05.15-	116619	14 110					
	[CJZD]	09.15-	116298	14 140					
Ibiza 1.2 LPG LPG	[BZG]	03.08-	113253	14 90		A25 03.08-	115336	12 2.2	
Ibiza 1.3 i	[ZG]	03.93- 08.99	111288	14 65		03.93- 08.99	112429	12 2.0	
	[AAV]	03.93- 07.94	111288	14 65		03.93- 07.94	112429	12 2.0	
Ibiza 1.4 TDi	[AMF]	05.02-	113275	14 120		05.02-	115336	12 2.2	
		06.05-	112079	14 90	A47	06.05-	113842	12 1.7	
	[BMS]	06.05-	113275	14 120		06.05-	115336	12 2.2	
		06.05-	115714	14 110		06.05-	115612	12 1.2	
		06.05-	115764	14 90					
	[BNM]	05.05-	113275	14 120		05.05-	115336	12 2.2	
		05.05-	115714	14 110		05.05-	115612	12 1.2	
		05.05-	115764	14 90					
	[BNV]	06.05-	112079	14 90	A47	06.05-	113842	12 1.7	
		06.05-	113275	14 120		06.05-	115336	12 2.2	
		06.05-	115714	14 110		06.05-	115612	12 1.2	
Ibiza 1.4	[BXW]	03.08-	112274	14 90		03.08-	115560	12 1.7	
		03.08-	113874	14 110		03.08-	115503	12 1.8	A49
		03.08-	116587	14 110					

SEAT Continued

	[CGGB]	03.08-	112274	14 90		03.08-	115560	12 1.7	
		03.08-	113874	14 110		03.08-	115504	12 1.1	A49
		03.08-	116587	14 110		03.10-	115503	12 1.8	A49
		05.99-	112273	14 70		05.99-	115560	12 1.7	
Ibiza 1.4 16V	[APE]	05.99-	112273	14 70		05.99-	115560	12 1.7	
		05.99-	112274	14 90					
	[AUB]	AC 02.02-	111989	14 90		02.02-	114034	12 1.0	
		AC 02.02-	112274	14 90	A25	02.02-	115560	12 1.7	
	[BBY]	AC 02.02-	111989	14 90		02.02-	114034	12 1.0	
		AC 02.02-	112274	14 90		02.02-	115560	12 1.7	
	[BBZ]	AC 02.02-	111989	14 90		02.02-	114034	12 1.0	
		AC 02.02-	112274	14 90		02.02-	115560	12 1.7	
Ibiza 1.4 i 16V	[AFH]	09.96- 08.99	111353	14 70		09.96- 08.99	112286	12 1.7	
		AC 09.96- 08.99	111477	14 90		09.96- 08.99	111748	12 1.1	
Ibiza 1.4 i	[ABD]	09.93- 12.95	111352	14 70	5 Speed	09.93- 12.95	112435	12 1.1	
		PS 09.93- 12.95	111353	14 70		09.93- 12.95	112307	12 1.1	
	[AEX]	12.95- 12.97	111352	14 70	5 Speed	12.95- 12.97	112435	12 1.1	
		PS 12.95- 12.97	111353	14 70		12.95- 12.97	112307	12 1.1	
		ACPS 12.95- 12.97	111477	14 90		12.95- 12.97	111900	12 1.8	
	[AKV]	12.97-	111352	14 70		12.97-	112435	12 1.1	
		PS 12.97-	111353	14 70		12.97-	112286	12 1.7	
		ACPS 12.97-	111477	14 90		12.97-	111900	12 1.8	
	[APQ]	12.97-	111352	14 70		12.97-	112307	12 1.1	
		PS 12.97-	111353	14 70		12.97-	112286	12 1.7	
		ACPS 12.97-	111477	14 90		12.97-	111748	12 1.1	
Ibiza 1.4 TSi	[CAVE]	06.09-	114884	14 140		06.09-	115612	12 1.2	
		06.09-	114884	14 140		06.09-	115611	12 1.1	
	[CAVF]	06.09-	114884	14 140		06.09-	115611	12 1.1	
		06.09-	114884	14 140		06.09-	115611	12 1.1	
	[CNUB]	10.13-	115916	14 140					
		06.09-	114884	14 140		06.09-	115611	12 1.1	
	[CPTA]	06.09-	114884	14 140		06.09-	115611	12 1.1	
		06.09-	114884	14 140		06.09-	115611	12 1.1	
	[CTHF]	06.09-	114884	14 140		06.09-	115611	12 1.1	
		06.09-	114884	14 140		06.09-	115611	12 1.1	
	[CTJB]	06.09-	114884	14 140		06.09-	115611	12 1.1	
		06.09-	114884	14 140		06.09-	115611	12 1.1	
Ibiza 1.4 TSi Sportcoupe	[CZEA]	11.15-	116298	14 140					
		11.15-	116619	14 110					
	[BXW]	03.08- 05.11	112274	14 90		03.08- 05.11	115560	12 1.7	
		03.08- 05.11	116587	14 110		03.08- 05.11	115504	12 1.1	A49
Ibiza 1.4 LPG LPG	[BXW]	03.08- 05.11	112274	14 90		03.08- 05.11	115508	12 1.7	A49
		03.08- 05.11	116587	14 110		03.08- 05.11	115508	12 1.7	A49
Ibiza 1.5	[021A.2000]	AC 03.08- 05.11	113874	14 110					
		11.84- 08.85	110358	14 55		11.84- 08.85	110365	12 0.8	
Ibiza 1.6 LPG	[CNKA]	05.11-	114769	14 110	A25	05.11-	116272	12 1.1	
Ibiza 1.6 TDi	[CAYB]	05.09-	113992	14 140		05.09-	114299	12 1.7	
		05.09-	115370	14 110		05.09-	115508	12 1.7	A49
	[CAYC]	05.09-	113992	14 140		05.09-	115612	12 1.2	
		05.09-	113992	14 140		05.09-	115508	12 1.7	A49
	[CLNA]	05.09-	113992	14 140		05.09-	115508	12 1.7	A49
		03.10-	115370	14 110		03.10-	115612	12 1.2	
	[DGTA]	12.17-	114322	14 140		12.17-	114160	12 1.8	
		12.17-	116373	14 140					
		12.17-	116647	14 140					
		12.17-	116717	14 140					
	[DGTC]	11.17-	114322	14 140		11.17-	114299	12 1.7	
		11.17-	116373	14 140					
		11.17-	116647	14 140					
		11.17-	116717	14 140					
	[DGTD]	09.17-	116647	14 140					
		09.17-	116717	14 140					
Ibiza 1.6	[BAH]	AC 02.03-	112274	14 90		02.03-	115560	12 1.7	
		05.08-	114769	14 110	A25	05.08-	116272	12 1.1	
Ibiza 1.6 16V	[BTS]	11.06-	114769	14 110		11.06-	116335	12 2.0	
Ibiza 1.6 i	[1F]	05.94- 08.99	111352	14 70		05.94- 08.99	112307	12 1.1	
		05.94- 08.99	111479	14 90		05.94- 08.99	112435	12 1.1	
	AC 05.94- 08.99	111477	14 90			05.94- 08.99	113773	12 1.1	
		111477	14 90			05.94- 08.99	111748	12 1.1	
	[ABU]	03.93- 07.94	111353	14 70		03.93- 07.94	112307	12 1.1	
		03.93- 07.94	111477	14 90		03.93- 07.94	111900	12 1.8	
	[AEE]	03.97- 12.98	111353	14 70		03.97- 12.98	112307	12 1.1	
		AC 03.97- 12.98	111477	14 90		03.97- 12.98	111900	12 1.8	
	[AFT]	04.96-	111352	14 70		04.96-	112435	12 1.1	
		04.96-	111479	14 90		04.96-	113515	12 0.9	
	AC 04.96-	111477	14 90			04.96-	111694	12 1.8	
		09.97- 05.02	112273	14 70		09.97- 05.02	115560	12 1.7	
	[ALM]	09.97- 05.02	112274	14 90		09.97- 05.02	112307	12 1.1	
		Chas. -6K-X-399999	111353	14 70		09.97- 05.02	111900	12 1.8	
		Chas. -6K-X-399999	111477	14 90					
Ibiza 1.7 Diesel	[022A.5000]	06.84- 05.93	110912	14 55		06.84- 05.93	110365	12 0.8	
Ibiza 1.8 i 16V	[ADL]	09.93- 06.96	111353	14 70		09.93- 06.96	112286	12 1.7	
		09.93- 06.96	111477	14 90		09.93- 06.96	111694	12 1.8	
Ibiza 1.8 i	[ABS]	03.93- 07.94	111352	14 70		03.93- 07.94	112307	12 1.1	
		03.93- 07.94	111479	14 90		03.93- 07.94	114062	12 1.7	
	AC 03.93- 07.94	111477	14 90			03.93- 07.94	111749	12 1.1	
		07.94- 10.99	111352	14 70		07.94- 10.99	112307	12 1.1	
	[ADZ]	07.94- 10.99	111479	14 90		07.94- 10.99	114034	12 1.0	
		AC 07.94- 10.99	111353	14 70		07.94- 10.99	111823	12 1.1	
	AC 07.94- 10.99	111477	14 90			07.94- 10.99	111619	12 1.7	
		11.15-	116386	14 140					
	[DAJA]	03.93-	111352	14 70		03.93-	112307	12 1.1	
		03.93-	111479	14 90	ias. 6L-5D090016-, 6L-5R090179-	03.93-	114062	12 1.7	
Ibiza 1.8 TSi Cupra Sportcoupe	[1Y]	AC 03.93-	111477	14 90		03.93-	111748	12 1.1	
		08.96- 08.99	111353	14 70		08.96- 08.99	112307	12 1.1	
		08.96- 08.99	111477	14 90		08.96- 08.99	111909	12 1.1	
		08.96- 08.99	111828	14 120		08.96- 08.99	114034	12 1.0	
	[AEY]	08.96- 05.98	111884	14 90					
		12.95- 10.99	111353	14 70		12.95- 10.99	112307	12 1.1	
		12.95- 10.99	111884	14 90		12.95- 10.99	114034	12 1.0	
		AC 12.95- 10.99	111477	14 90		12.95- 10.99	111909	12 1.1	
		08.96- 08.99	111353	14 70		08.96- 08.99	112307	12 1.1	
		08.96- 08.99	111477	14 90		08.96- 08.99	111909	12 1.1	



[AGP]	05.99- 05.02	115483	14 120 A49	05.99- 05.02	115612	12 1.2	A25
	08.99- 02.02	112002	14 120 A47	08.99- 02.02	114034	12 1.0	
	08.99- 02.02	112079	14 90 A47	08.99- 02.02	113842	12 1.7	
	08.99- 02.02	113340	14 70	08.99- 02.02	115336	12 2.2	
	08.99- 02.02	114789	14 90 A49	08.99- 02.02	115696	12 1.1	
[AQM]	05.99- 05.02	115483	14 120 A49	05.99- 05.02	115612	12 1.2	For vehicles with DKG
	08.99- 02.02	112002	14 120 A47	08.99- 02.02	114034	12 1.0	
	08.99- 02.02	112079	14 90 A47	08.99- 02.02	113842	12 1.7	
	08.99- 02.02	113340	14 70	08.99- 02.02	115336	12 2.2	
	08.99- 02.02	114789	14 90 A49	08.99- 02.02	115944	12 1.7	
[ASY]	02.02- 02.02	112002	14 120 A47	02.02- 02.02	114034	12 1.0	A25
	02.02- 02.02	112079	14 90 A47	02.02- 02.02	113842	12 1.7	
	02.02- 02.02	113340	14 70	02.02- 02.02	115336	12 2.2	
	02.02- 02.02	114789	14 90 A49	02.02- 02.02	115696	12 1.1	
	02.02- 02.02	115483	14 120 A49	02.02- 02.02	115612	12 1.2	
Ibiza 1.9 TD	[AAZ]	03.93- 03.93	111352 14 70	03.93- 03.93	112429 12 2.0	AC	
		03.93- 03.93	111479 14 90	03.93- 03.93	113387 12 2.0		
		03.93- 03.93	111477 14 90	03.93- 03.93	111909 12 1.1		
Ibiza 1.9 TDi	[1Z]	08.96- 12.96	111828 14 120	08.96- 12.96	114034 12 1.0		
		08.96- 12.96	111884 14 90				
		08.96- 12.96	111988 14 120				
	[AFN]	02.97- 08.99	111828 14 120	02.97- 08.99	114034 12 1.0		
		02.97- 05.98	111884 14 90				
		02.97- 08.99	111988 14 120				
	[AHU]	12.96- 08.99	111828 14 120	12.96- 08.99	114034 12 1.0		
		12.96- 05.98	111884 14 90				
		12.96- 08.99	111988 14 120				
	[ASZ]	02.02- 02.02	112002 14 120 A47	02.02- 02.02	114034 12 1.0		
		02.02- 02.02	112079 14 90 A47	02.02- 02.02	113842 12 1.7		
		02.02- 02.02	113340 14 70	02.02- 02.02	115336 12 2.2		
		02.02- 02.02	114789 14 90 A49	02.02- 02.02	115696 12 1.1		
		02.02- 02.02	115483 14 120 A49	02.02- 02.02	115612 12 1.2		
	[ATD]	02.02- 02.02	112002 14 120 A47	02.02- 02.02	114034 12 1.0		
		02.02- 02.02	112079 14 90 A47	02.02- 02.02	113842 12 1.7		
		02.02- 02.02	113340 14 70	02.02- 02.02	115336 12 2.2		
		02.02- 02.02	114789 14 90 A49	02.02- 02.02	115696 12 1.1		
		02.02- 02.02	115483 14 120 A49	02.02- 02.02	115612 12 1.2		
	[AXR]	05.05- 05.05	112002 14 120 A47	05.05- 05.05	114034 12 1.0		
		05.05- 05.05	112079 14 90 A47	05.05- 05.05	115560 12 1.7		
		05.05- 05.05	113340 14 70	05.05- 05.05	115337 12 2.0		
		05.05- 05.05	114789 14 90 A49	05.05- 05.05	115696 12 1.1		
		05.05- 05.05	115483 14 120 A49	05.05- 05.05	115612 12 1.2		
	[BLS]	03.08- 06.10	112002 14 120 A47	03.08- 06.10	113841 12 1.7		A49
		03.08- 06.10	112079 14 90 A47	03.08- 06.10	115560 12 1.8		
		03.08- 06.10	113340 14 70	03.08- 06.10	115503 12 1.7		
		03.08- 06.10	114789 14 90 A49	03.08- 06.10	115696 12 1.1		
		03.08- 06.10	115483 14 120 A49	03.08- 06.10	115612 12 1.2		
	[BLT]	05.05- 05.05	112002 14 120 A47	05.05- 05.05	113841 12 1.7		A25
		05.05- 05.05	112079 14 90 A47	05.05- 05.05	115560 12 1.7		
		05.05- 05.05	113340 14 70	05.05- 05.05	115503 12 1.8		
		05.05- 05.05	114789 14 90 A49	05.05- 05.05	115696 12 1.1		
		05.05- 05.05	115483 14 120 A49	05.05- 05.05	115612 12 1.2		
	[BMT]	05.05- 09.06	115483 14 120 A49	05.05- 09.06	115612 12 1.2		
		09.06- 09.06	112002 14 120 A47	09.06- 09.06	113841 12 1.7		
		09.06- 09.06	112079 14 90 A47	09.06- 09.06	115560 12 1.7		
		09.06- 09.06	113340 14 70	09.06- 09.06	115503 12 1.8		
		09.06- 09.06	114789 14 90 A49	09.06- 09.06	115696 12 1.1		
	[BXJ]	07.08- 06.10	112002 14 120 A47	07.08- 06.10	114034 12 1.0		
		07.08- 06.10	112079 14 90 A47	07.08- 06.10	113842 12 1.7		
		07.08- 06.10	114789 14 90 A49	07.08- 06.10	115560 12 1.7		
		07.08- 06.10	115483 14 120 A49	07.08- 06.10	115696 12 1.1		
		07.08- 06.10	115764 14 90	07.08- 06.10	115612 12 1.2		
Ibiza 1.9 TDi Joya Racer	[ASZ]	07.03- 06.04	112002 14 120	07.03- 06.04	113841 12 1.7		A49
		07.03- 06.04	112079 14 90	07.03- 06.04	115560 12 1.7		
		07.03- 06.04	113340 14 70	07.03- 06.04	115503 12 1.8		
		07.03- 06.04	114789 14 90 A49	07.03- 06.04	115696 12 1.1		
		07.03- 06.04	115483 14 120 A49	07.03- 06.04	115612 12 1.2		
Ibiza 2.0 TDi	[CFHD]	01.10- 01.10	113992 14 140	01.10- 01.10	115508 12 1.7		A49
		01.10- 01.10	115370 14 110	01.10- 01.10	115612 12 1.2		
		01.10- 01.10	115433 14 140				
		01.10- 01.10	116036 14 140				
		01.10- 01.10	116452 14 140				
Ibiza 2.0	[AZL]	04.02- 11.09	111989 14 90	04.02- 11.09	114034 12 1.0		
		04.02- 11.09	112075 14 70	04.02- 11.09	113842 12 1.7		
	[BBX]	04.02- 11.09	111989 14 90	04.02- 11.09	114034 12 1.0		
		04.02- 11.09	112075 14 70	04.02- 11.09	113842 12 1.7		
Ibiza 2.0 i 16V	[ABF]	08.96- 08.99	111353 14 70	Chas. ZR135501 08.96- 08.99	112286 12 1.7		
		08.96- 08.99	111479 14 90	08.96- 08.99	113515 12 0.9		
		AC 08.96- 08.99	111477 14 90	08.96- 08.99	111748 12 1.1		
Ibiza 2.0 i	[2E]	03.93- 04.96	111352 14 70	03.93- 04.96	112435 12 1.1		5 Speed
		03.93- 04.96	111479 14 90	03.93- 04.96	113515 12 0.9		
		AC 03.93- 04.96	111477 14 90	03.93- 04.96	111900 12 1.8		
	[AGG]	04.96- 10.99	111352 14 70	04.96- 10.99	112307 12 1.1		
		04.96- 10.99	111479 14 90	04.96- 10.99	113515 12 0.9		
		AC 04.96- 10.99	111477 14 90	04.96- 10.99	111748 12 1.1		
	Ibiza Cupra 1.8 Turbo 20V	07.00- 02.02	112079 14 90 A47	07.00- 02.02	112005 12 1.1		
		07.00- 02.02	114789 14 90 A49				
		10.99- 10.00	111989 14 90				
Ibiza Cupra 1.8 Turbo	[AYP]	08.99- 08.99	111989 14 90	08.99- 08.99	112005 12 1.1		
		08.99- 08.99	112075 14 70				
		01.04- 04.05	111989 14 90	01.04- 04.05	112429 12 2.0		
		01.04- 04.05	112002 14 120 A47				
	[BBU]	01.04- 04.05	112075 14 70	01.04- 04.05	114163 12 1.1		
		01.04- 04.05	115483 14 120 A49				



SEAT Continued

Ibiza Cupra R 1.9 TDi	[BPX]	03.04-	112002	14 120 A47	03.04-	113841	12 1.7
		03.04-	112079	14 90 A47			
		03.04-	113340	14 70			
		03.04-	114789	14 90 A49			
		03.04-	115483	14 120 A49			
	[BUK]	03.04-	112002	14 120 A47	03.04-	113841	12 1.7
		03.04-	112079	14 90 A47			
		03.04-	113340	14 70			
		03.04-	114789	14 90 A49			
		03.04-	115483	14 120 A49			
Ibiza FR 1.8 Turbo	[BJX]	12.03-	111989	14 90	12.03-	112005	12 1.1
		12.03-	112075	14 70			
	[BKV]	12.03-	111989	14 90	12.03-	112005	12 1.1
		12.03-	112075	14 70			
Ibiza Sportscoupe 1.2 TSi	[CBZA]	08.12-	115765	14 140			
		08.12-	116207	14 110			
Ibiza Sportscoupe 1.4 TSi	[CPTA]	10.13-	115916	14 140			
Ibiza Sportscoupe 1.6	[BTS]	07.08-	114769	14 110	A25 07.08-	115402	12 1.8
Ibiza Sportscoupe 1.9 TDi	[BLS]	07.08- 06.10	112002	14 120 A47	07.08- 06.10	114034	12 1.0
		07.08- 06.10	112079	14 90 A47	07.08- 06.10	115612	12 1.2
		07.08- 06.10	113340	14 70	07.08- 06.10	113841	12 1.7
		07.08- 06.10	114789	14 90 A49	07.08- 06.10	115337	12 2.0
		07.08- 06.10	115483	14 120 A49	A25 07.08- 06.10	115336	12 2.2
		07.08- 06.10	115764	14 90			
Ibiza Sportscoupe 2.0 TDi	[CFHD]	01.10-	113992	14 140	01.10-	113842	12 1.7
		01.10-	115370	14 110	01.10-	115508	12 1.7 A49
		01.10-	115433	14 140	01.10-	115612	12 1.2
		01.10-	116036	14 140			
		01.10-	116452	14 140			
Ibiza ST 1.4 TSi	[CAVF]	02.12-	114884	14 140	02.12-	115612	12 1.2
	[CNUB]	02.12-	114884	14 140	02.12-	115612	12 1.2
	[CPTA]	10.13-	115916	14 140	10.13-	115612	12 1.2
	[CTHF]	02.12-	114884	14 140	02.12-	115612	12 1.2
	[CTJB]	02.12-	114884	14 140	02.12-	115612	12 1.2
Inca 1.4 16V	[AUA]	04.00-	112273	14 70			
		04.00-	112274	14 90			
Inca 1.4 i	[AEX]	11.95-	111352	14 70	11.95-	112307	12 1.1
		11.95-	111479	14 90	11.95-	112286	12 1.7
		PS 11.95-	111353	14 70			
		PS 11.95-	111477	14 90			
	[AKV]	09.97-	111352	14 70	09.97-	112307	12 1.1
		09.97-	111353	14 70	09.97-	112286	12 1.7
		09.97-	111479	14 90			
		PS 09.97-	111477	14 90			
	[APQ]	11.95- 06.03	112273	14 70	12.97- 06.03	112307	12 1.1
		12.97- 06.03	111352	14 70	12.97- 06.03	111823	12 1.1
		PS 12.97- 06.03	111353	14 70			
		PS 12.97- 06.03	111477	14 90			
	[AUD]	09.00-	112273	14 70	11.95- 06.03	112307	12 1.1
		09.00-	112274	14 90	11.95- 06.03	111748	12 1.1
		11.95- 06.03	111352	14 70			
		11.95- 06.03	111353	14 70			
Inca 1.6 i	[1F]	11.95- 05.97	111352	14 70	11.95- 05.97	112307	12 1.1
		11.95-	111479	14 90			
		AC 11.95- 05.97	111477	14 90			
	[AEE]	06.97-	111352	14 70	06.97-	112286	12 1.7
		06.97- 09.00	111353	14 70	06.97-	112307	12 1.1
		06.97-	111479	14 90	06.97- 09.00	115503	12 1.8 A49
		AC 06.97- 09.00	111477	14 90	06.97-	111900	12 1.8
	[ALM]	11.95- 05.98	111352	14 70	11.95- 05.98	112286	12 1.7
		11.95- 05.98	111353	14 70			
		AC 11.95- 05.98	111477	14 90			
Inca 1.7 Diesel	[AHB]	09.96- 09.00	111828	14 120			
		09.96- 09.00	111884	14 90			
Inca 1.9 Diesel	[1Y]	11.95-	111352	14 70	11.95-	112307	12 1.1
		11.95-	111477	14 90			
Inca 1.9 SDi	[AEY]	11.95-	111352	14 70	11.95-	112307	12 1.1
		11.95-	111477	14 90			
	[AYQ]	09.00-	112002	14 120 A47			
		09.00-	112079	14 90 A47			
		09.00-	113340	14 70			
		09.00-	114789	14 90 A49			
		09.00- 06.03	115483	14 120 A49			
Inca 1.9 TDi	[ALH]	09.96-	111477	14 90			
		09.96-	111884	14 90			
		09.96-	112079	14 90			
		09.96-	114789	14 90 A49			
Leon 1.0 TSi	[CHZD]	05.15-	116193	14 140	AT and Start/Stop 05.15-	116272	12 1.1
		05.15-	116231	12 110	A25 and DKG 05.15-	116156	12 2.0
		05.15-	116298	14 140	A25 05.15-	115945	12 1.4
		05.15-	116619	14 110	05.15-	115696	12 1.1
	[DKLB]	09.18-	116228	12 180	AT 09.18-	115900	12 1.1
		09.18-	116229	12 180	09.18-	115818	12 1.1
		09.18-	116231	12 110	A25 09.18-	115945	12 1.4
					09.18-	115944	12 1.7
		02.10-	115765	14 140	02.10-	115503	12 1.8 A49
		02.10-	115767	14 140	02.10-	115900	12 1.1
	[CJZA]	01.13-	115916	14 140	01.13-	115504	12 1.1 A49
		01.13-	116619	14 110	01.13-	115612	12 1.2
	[CJZB]	01.13-	116193	14 140	12.12-	115504	12 1.1 A49
		01.13-	116231	12 110	DKG 12.12-	115612	12 1.2
		01.13-	116235	14 140	A25 01.13-	116272	12 1.1
		01.13-	116298	14 140	A25 and DKG 01.13-	116156	12 2.0
		12.12-	115916	14 140	01.13-	115944	12 1.7
		12.12-	116619	14 110	01.13-	115945	12 1.4
					A25 01.13-	115818	12 1.1
					01.13-	115696	12 1.1



	[CYVA]	01.13-	116193	14 140	A25 and DKG	01.13-	116272	12 1.1	A49
		01.13-	116231	12 110		01.13-	115818	12 1.1	
		01.13-	116235	14 140		01.13-	116156	12 2.0	
		01.13-	116298	14 140		12.12-	115504	12 1.1	
		12.12-	115916	14 140		01.13-	115945	12 1.4	
		12.12-	116619	14 110		01.13-	115696	12 1.1	
	[CYVB]	04.14-	116193	14 140	A25 and DKG	04.14-	116156	12 2.0	
		04.14-	116231	12 110		04.14-	115944	12 1.7	
		04.14-	116298	14 140		04.14-	115945	12 1.4	
		04.14-	116619	14 110		04.14-	115818	12 1.1	
						04.14-	115612	12 1.2	
Leon 1.4 16V	[AHW]	12.99- 05.02	112075	14 70	AT	12.99- 05.02	113509	12 1.7	
		AC 12.99- 05.02	111989	14 90		12.99- 05.02	112429	12 2.0	
	[APE]	11.99-	111989	14 90	AT	11.99-	112429	12 2.0	
		11.99-	112075	14 70		11.99-	113509	12 1.7	
	[AUA]	11.99-	111989	14 90	AT	11.99-	111909	12 1.1	
	[AXP]	11.99-	111989	14 90		11.99-	112005	12 1.1	
	[BCA]	11.99-	111989	14 90		11.99-	112005	12 1.1	
	[BXW]	06.06-	113874	14 110		06.06-	113841	12 1.7	
		06.06-	116587	14 110		06.06-	115612	12 1.2	
	[CGGB]	06.06-	113874	14 110		06.06-	113841	12 1.7	
Leon 1.4 TGI	[CPWA]	02.13-	115916	14 140	A25 and DKG	02.13-	115504	12 1.1	A49
		02.13-	116231	12 110		02.13-	115944	12 1.7	
		02.13-	116235	14 140		A25 02.13-	115818	12 1.1	
		02.13-	116619	14 110		02.13-	115612	12 1.2	
	[CMBB]	09.12- 10.16	115916	14 140	A25 and DKG	09.12- 10.16	115504	12 1.1	
		09.12- 10.16	116193	14 140		09.12- 10.16	116156	12 2.0	
		09.12- 10.16	116231	12 110		09.12- 10.16	115945	12 1.4	
		09.12- 10.16	116235	14 140		09.12- 10.16	115818	12 1.1	
		09.12- 10.16	116298	14 140		09.12- 10.16	115696	12 1.1	
Leon 1.4 TSi	[CAXC]	11.07-	114884	14 140	A25	11.07-	115402	12 1.8	
		09.12- 10.16	115916	14 140		09.12- 10.16	115504	12 1.1	
		09.12- 10.16	116193	14 140		09.12- 10.16	116156	12 2.0	
		09.12- 10.16	116231	12 110		09.12- 10.16	115945	12 1.4	
	[CMBB]	09.12- 10.16	116235	14 140	A25 and DKG	09.12- 10.16	115818	12 1.1	
		09.12- 10.16	116298	14 140		09.12- 10.16	115696	12 1.1	
		09.12- 10.16	116619	14 110		09.12- 10.16	115612	12 1.2	
Leon 1.4 TSi	[CPTA]	09.12- 10.16	115916	14 140	A25 and DKG	09.12- 10.16	115504	12 1.1	A49
		09.12- 10.16	116193	14 140		09.12- 10.16	116156	12 2.0	
		09.12- 10.16	116231	12 110		09.12- 10.16	115945	12 1.4	
		09.12- 10.16	116235	14 140		09.12- 10.16	115818	12 1.1	
		09.12- 10.16	116298	14 140		09.12- 10.16	115696	12 1.1	
	[CXSA]	09.12- 10.16	116619	14 110	A25	09.12- 10.16	115612	12 1.2	
		09.12- 10.16	115916	14 140		09.12- 10.16	115504	12 1.1	
		09.12- 10.16	116193	14 140		09.12- 10.16	116156	12 2.0	
		09.12- 10.16	116231	12 110		09.12- 10.16	115945	12 1.4	
Leon 1.4 TSi	[CZCA]	09.12- 10.16	116235	14 140	A25	09.12- 10.16	115818	12 1.1	A49
		09.12- 10.16	116298	14 140		09.12- 10.16	115696	12 1.1	
		09.12- 10.16	116619	14 110		09.12- 10.16	115612	12 1.2	
	[CZDA]	05.14-	116193	14 140	AT and Start/Stop	05.14-	116272	12 1.1	
		05.14-	116231	12 110		05.14-	115945	12 1.4	
		05.14-	116298	14 140		05.14-	115696	12 1.1	
Leon 1.4 TSi	[CZEA]	05.14-	116193	14 140	A25 and DKG	05.14-	116272	12 1.1	A49
		05.14-	116231	12 110		05.14-	115945	12 1.4	
		05.14-	116298	14 140		05.14-	115696	12 1.1	
		05.14-	116619	14 110		05.14-	115612	12 1.2	
Leon 1.5 TSi	[DACA]	09.18-	116228	12 180	AT	09.18-	115900	12 1.1	
		09.18-	116229	12 180		09.18-	115944	12 1.7	
		09.18-	116231	12 110					
	[DADA]	09.18-	116228	12 180	A25	09.18-	115818	12 1.1	
		09.18-	116229	12 180		09.18-	115944	12 1.7	
		09.18-	116231	12 110					
	[DHFA]	10.18-	116193	14 140	A25	10.18-	116272	12 1.1	
		10.18-	116228	12 180		10.18-	115900	12 1.1	
		10.18-	116229	12 180		10.18-	115818	12 1.1	
		10.18-	116231	12 110		10.18-	115696	12 1.1	
Leon 1.5 TGI	[CHGA]	10.18-	116298	14 140	A25	10.18-	115944	12 1.7	
	[CMXA]	12.09-	113992	14 140		12.09-	115560	12 1.7	
Leon 1.6 MultiFuel	[CAYB]	11.10-	113992	14 140		11.10-	115560	12 1.7	A49
	[CAYC]	02.10-	115433	14 140		02.10-	115503	12 1.8	
		02.10-	116452	14 140		02.10-	115610	12 2.0	
Leon 1.6 TDi	[CLHA]	09.12- 10.16	115898	14 140		09.12- 10.16	114175	12 1.1	A49
		09.12- 10.16	116206	12 110		09.12- 10.16	116097	12 2.0	
		09.12- 10.16	116359	14 140		09.12- 10.16	115696	12 1.1	
		09.12- 10.16	116717	14 140		11.12-	115504	12 1.1	
	[CLHB]	11.12- 10.16	115898	14 140		11.12- 10.16	114174	12 1.1	
		11.12- 10.16	116206	12 110		11.12-	115504	12 1.1	
		11.12- 10.16	116359	14 140		11.12- 10.16	116097	12 2.0	
		11.12-	116373	14 140		11.12- 10.16	115696	12 1.1	
	[CRKB]	11.12- 10.16	116717	14 140	For vehicles with	11.12-	115634	12 1.8	
Leon 1.6 TDi	[CRKB]	09.13- 10.16	114322	14 140	AT and Start/Stop	09.13- 10.16	115561	12 1.7	A49
		09.13- 10.16	115898	14 140		09.13- 10.16	114176	12 1.0	
		09.13- 10.16	116206	12 110		09.13-	115508	12 1.7	
		09.13- 10.16	116359	14 140		09.13-	116720	12 1.4	
		09.13- 10.16	116373	14 140		09.13- 10.16	116097	12 2.0	
	[CRKB]	09.13-	116717	14 140	A25	09.13- 10.16	115634	12 1.8	
						09.13-	115645	12 2.0	

SEAT Continued

	[CXXB]	09.13- 10.16	114322	14 140	AT and Start/Stop	09.13- 10.16	114163	12 1.1		
		09.13- 10.16	115898	14 140		09.13-	116720	12 1.4		
		09.13- 10.16	116206	12 110		09.13- 10.16	115561	12 1.7		
		09.13- 10.16	116359	14 140		09.13-	115402	12 1.8		
		09.13- 10.16	116373	14 140		09.13- 10.16	115634	12 1.8		
						09.13- 10.16	116097	12 2.0		
						A25 09.13-	115645	12 2.0		
						09.13- 10.16	114163	12 1.1		
						09.13-	116720	12 1.4		
						A25 09.13- 10.16	115561	12 1.7		
	[DBKA]	09.13- 10.16	114322	14 140	DKG	09.13-	115402	12 1.8		
		09.13- 10.16	115898	14 140		09.13- 10.16	115634	12 1.8		
		09.13- 10.16	116206	12 110		09.13- 10.16	116097	12 2.0		
		09.13- 10.16	116359	14 140		09.13-	115645	12 2.0		
		09.13- 10.16	116373	14 140		A25 09.13-	115645	12 2.0		
	[DDYA]	11.16-	114322	14 140	AT and Start/Stop	11.16-	115561	12 1.7		
		11.16-	115898	14 140		11.16-	115402	12 1.8		
		11.16-	116206	12 110		11.16-	114163	12 1.1		
		11.16-	116359	14 140		11.16-	114174	12 1.1		
		11.16-	116373	14 140		11.16-	116720	12 1.4		
11.16-		116717	14 140	6 Speed 11.16-		116097	12 2.0			
							A25 11.16-	116272	12 1.1	
							DKG 11.16-	115634	12 1.8	
							11.16-	115696	12 1.1	
							AT 11.16-	115638	12 1.7	
							A25 11.16-	115645	12 2.0	
Leon 1.6 TDi 4Drive	[DGTE]	07.18-	114322	14 140	A25 and DKG	A25 07.18-	115402	12 1.8		
		07.18-	115898	14 140		07.18-	116156	12 2.0		
		07.18-	116206	12 110		AT 07.18-	115900	12 1.1		
		07.18-	116359	14 140		DKG 07.18-	115634	12 1.8		
		07.18-	116373	14 140		A25 and DKG 07.18-	115610	12 2.0		
		10.99-	111989	14 90		10.99-	112429	12 2.0		
		10.99-	112075	14 70		10.99-	111900	12 1.8		
Leon 1.6	[AEH]	10.99-	111989	14 90		10.99-	112429	12 2.0		
		10.99-	112075	14 70		10.99-	111900	12 1.8		
	[AKL]	10.99-	111989	14 90		10.99-	112429	12 2.0		
		10.99-	112075	14 70		10.99-	111900	12 1.8		
	[APF]	11.99-	111989	14 90		11.99-	111909	12 1.1		
		11.99-	112075	14 70		11.99-	113773	12 1.1		
	[BFQ]	10.05- 06.06	111989	14 90		10.05- 06.06	111909	12 1.1		
		10.05- 06.06	112002	14 120		10.05- 06.06	111900	12 1.8		
		10.05- 06.06	115483	14 120 A49		A25 10.05- 06.06	115336	12 2.2		
		[BSE]	09.05-	111989	14 90		09.05-	111909	12 1.1	
09.05-			113992	14 140	09.05-		113841	12 1.7		
[BSF]		09.05-	113992	14 140	09.05-		115539	12 2.0 A49		
[CCSA]		09.05-	113992	14 140	09.05-		115561	12 1.7		
[CMXA]		09.05-	113992	14 140	09.05-		115561	12 1.7		
Leon 1.6 16V		[ATN]	09.00-	111989	14 90		Chas. -1M..2..020 000	09.00-	111909	12 1.1
			09.00-	112075	14 70			09.00-	113773	12 1.1
	[AUS]	11.99-	112075	14 70	AC	11.99-		113773	12 1.1	
		11.99-	111989	14 90		11.99-		112286	12 1.7	
	[AZD]	06.00-	111989	14 90		AT 06.00-		111909	12 1.1	
		11.99-	112075	14 70		11.99-		113773	12 1.1	
	[BCB]	06.00-	111989	14 90		AT 06.00-		112286	12 1.7	
09.00-		112079	14 90 A47	09.00-		113773	12 1.1			
09.00-		114789	14 90 A49	A25 09.00-		115402	12 1.8			
11.99-		112075	14 70							
Leon 1.8 20V	[AGN]	10.99-	111989	14 90	Chas. -1M..2..020 000	10.99-	112429	12 2.0		
		10.99-	112075	14 70		AT 10.99-	113509	12 1.7		
		11.99-	112002	14 120 A47		AT 10.99-	111909	12 1.1		
		11.99-	115483	14 120 A49		A25 11.99-	115402	12 1.8		
	[APG]	11.99-	111989	14 90		11.99-	112005	12 1.1		
11.99-		112002	14 120 A47	AT 11.99-		111909	12 1.1			
12.99- 07.04		115483	14 120 A49	AT, 7 Speed 12.99- 07.04		115376	12 1.8			
Leon 1.8 TFSi	[CJSA]	02.13-	116387	14 140	A25 and DKG	02.13-	115610	12 2.0		
Leon 1.8 TSi	[BZB]	06.07-	114722	14 140	A25	06.07-	115402	12 1.8		
	[CDAA]	06.07-	114722	14 140	A25	06.07-	115402	12 1.8		
Leon 1.8 Turbo 20V	[AUQ]	09.00-	115483	14 120 A49		09.00-	115311	12 2.0		
		11.99-	111989	14 90		11.99-	112005	12 1.1		
		11.99-	112002	14 120 A47		11.99-	111909	12 1.1		
Leon 1.8 Turbo 20V 4 Syncro	[AJQ]	10.99-	111989	14 90		10.99-	112005	12 1.1		
		10.99-	112075	14 70		10.99-	113773	12 1.1		
		09.00- 04.04	115483	14 120 A49		A25 09.00- 04.04	115402	12 1.8		
	10.99-	111989	14 90	10.99-		112429	12 2.0			
	10.99-	112075	14 70	10.99-		113773	12 1.1			
	[ARY]	11.99-	112002	14 120 A47	AT	11.99-	111909	12 1.1		
		10.99-	112075	14 70		10.99-	113773	12 1.1		
		10.99-	111989	14 90		10.99-	112429	12 2.0		
		10.99-	112075	14 70		10.99-	113773	12 1.1		
Leon 1.8 Turbo	[APP]	10.99-	111989	14 90		10.99-	111909	12 1.1		
		10.99-	112075	14 70		10.99-	113773	12 1.1		
		11.99-	112002	14 120 A47						
		12.99-	115483	14 120 A49		12.99-	115311	12 2.0		
Leon 1.9 SDi	[AQM]	11.99-	112002	14 120 A47		11.99-	111909	12 1.1		
		11.99-	112079	14 90 A47		11.99-	113773	12 1.1		
		11.99-	114789	14 90 A49		A25 11.99-	115402	12 1.8		
		11.99- 10.03	115483	14 120 A49						
Leon 1.9 TDi	[AGR]	11.99-	112002	14 120 A47		11.99-	111909	12 1.1		
		11.99-	112079	14 90 A47		11.99-	113773	12 1.1		
		11.99-	113340	14 70		11.99-	113841	12 1.7		
		11.99-	114789	14 90 A49		A25 11.99-	115402	12 1.8		
		12.99- 09.02	115483	14 120 A49		AT 12.99- 09.02	115376	12 1.8		
	[AHF]	10.99-	115483	14 120 A49	A25	10.99-	115402	12 1.8		
		11.99-	112002	14 120 A47		11.99-	111909	12 1.1		
	[ALH]	10.99-	113340	14 70	A25	10.99-	113841	12 1.7		
		10.99-	115483	14 120 A49		10.99-	115402	12 1.8		
		11.99-	112002	14 120 A47		11.99-	111909	12 1.1		
		11.99-	112079	14 90 A47		11.99-	113773	12 1.1		
		11.99-	114789	14 90 A49						
	[ARL]	09.00- 07.04	115483	14 120 A49		09.00- 07.04	115402	12 1.8		
		02.01-	112002	14 120 A47		02.01-	111909	12 1.1		
02.01-		112079	14 90 A47	02.01-		113773	12 1.1			



Leon 1.9 TDi Syncro	[ASV]	10.99- 11.99- 11.99- 11.99-	115483 112002 112079 114789	14 120 A49 14 120 A47 14 90 A47 14 90 A49		10.99- 11.99- 11.99- 11.99-	115311 111909 114034 115402	12 2.0 12 1.1 12 1.0 12 1.8
					A25			
	[ASZ]	05.03- 05.03- 05.03- 05.03- 07.04	112002 112079 114789 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A49		05.03- 05.03- 05.03- 05.03- 07.04	111900 113841 115402 115333	12 1.8 12 1.7 12 1.8 12 1.0
					A25			
	[AXR]	10.05- 10.05- 10.05- 10.05-	112002 112079 114789 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A49		10.05- 10.05- 10.05- 10.05-	111900 113841 115402 115336	12 1.8 12 1.7 12 1.8 12 2.2
					A25			
	[BKC]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- 09.05-	113842 115336	12 1.7 12 2.2
					A25			
	[BLS]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- 09.05-	115560 115336	12 1.7 12 2.2
					A25			
	[BXE]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- 09.05-	115560 115336	12 1.7 12 2.2
					A25 and DKG			
Leon 2.0 TDi 16V	[BKF]	06.07- 06.07-	113992 115370	14 140 14 110		06.07- 06.07-	115560 115336	12 1.7 12 2.2
					A25			
	[ARL]	05.02- 05.02- 05.02- 05.02- 07.04	112002 112079 114789 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A49		05.02- 05.02- 05.02- 05.02- 07.04	111909 114034 115402 115333	12 1.1 12 1.0 12 1.8 12 1.0
					A25			
Leon 2.0 TDi	[BKD]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- 09.05-	113842 115336	12 1.7 12 2.2
					A25			
	[CFHC]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- 09.05-	115561 115503	12 1.7 12 1.8 A49
					A25			
Leon 2.0 TDi	[CLCB]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- 09.05-	115561 115503	12 1.7 12 1.8 A49
					AT and Start/Stop			
	[AZV]	10.05- 10.05-	113992 115370	14 140 14 110		10.05- 10.05-	115560 115336	12 1.7 12 2.2
					A25			
Leon 2.0 TDi	[BMM]	10.05- 10.05-	113992 115370	14 140 14 110		10.05- 10.05-	115560 115336	12 1.7 12 2.2
					A25 and DKG			
	[BMN]	02.06- 02.06-	113992 115370	14 140 14 110		02.06- 02.06-	115560 115336	12 1.7 12 2.2
					A25			
Leon 2.0 TDi	[CEGA]	02.06- 02.06-	113992 115370	14 140 14 110		02.06- 02.06-	115561 115336	12 1.7 12 2.2
					A25			
	[CFJA]	02.06- 02.06-	113992 115370	14 140 14 110		02.06- 02.06-	115561 115337	12 1.7 12 2.0
					AT and Start/Stop			
Leon 2.0 TDi	[CKFC]	10.12- 10.12- 10.12- 10.12- 10.12- 10.12- 10.12- 10.12-	114322 115898 116206 116359 116373 116647 116717	14 140 14 140 12 110 14 140 14 140 14 140 14 140		10.12- 10.12- 10.12- 10.12- 10.12- 10.12- 10.12- 10.12-	115561 114163 115508 116097 115634 115645 115402 116720	12 1.7 12 1.1 12 1.7 12 2.0 12 1.8 12 2.0 12 1.8 12 1.4
					6 Speed			
					A25			
					AT and Start/Stop			
Leon 2.0 TDi	[CRBC]	04.13- 04.13- 04.13- 04.13- 04.13-	114322 115898 116206 116359 116373	14 140 14 140 12 110 14 140 14 140		04.13- 04.13- 04.13- 04.13- 04.13-	115402 116720 116097 115634 115610	12 1.8 12 1.4 12 2.0 12 1.8 12 2.0
					AT			
					A25 and DKG			
					AT and Start/Stop			
Leon 2.0 TDi	[CRLB]	04.13- 04.13- 04.13- 04.13- 04.13-	114322 115898 116206 116359 116373	14 140 14 140 12 110 14 140 14 140		04.13- 04.13- 04.13- 04.13- 04.13-	115402 116720 116097 115634 115610	12 1.8 12 1.4 12 2.0 12 1.8 12 2.0
					DKG			
					A25 and DKG			
					AT and Start/Stop			
Leon 2.0 TDi	[CRMB]	10.12- 10.12- 10.12- 10.12- 10.12- 10.12- 10.12-	114322 115898 116206 116359 116373 116647 116717	14 140 14 140 12 110 14 140 14 140 14 140 14 140		10.12- 10.12- 10.12- 10.12- 10.12- 10.12- 10.12-	115561 114163 115508 116097 115634 115638 115402	12 1.7 12 1.1 12 1.7 12 2.0 12 1.8 12 1.7 12 1.8
					6 Speed			
					AT			
					A25			
Leon 2.0 TDi	[CRVA]	05.13- 05.13-	115898 116717	14 140 14 140		05.13- 05.13-	115508 114299	12 1.7 12 1.7
					A25			
	[CRVC]	05.13- 05.13-	115898 116717	14 140 14 140		05.13- 05.13-	114299 114299	12 1.7 12 1.7
					A25 and DKG			
Leon 2.0 TDi	[CUNA]	02.13- 02.13- 09.12- 09.12- 09.12-	116206 116359 115898 116647 116717	12 110 14 140 14 140 14 140 14 140		02.13- 02.13- 02.13- 02.13- 02.13-	114299 114163 116097 115634 116156	12 1.7 12 1.1 12 2.0 12 1.8 12 2.0
					A25 and DKG			
					AT and Start/Stop			
					AT			
Leon 2.0 TDi	[CUPA]	02.13- 02.13- 09.12- 09.12- 09.12-	116206 116359 115898 116647 116717	12 110 14 140 14 140 14 140 14 140		02.13- 02.13- 02.13- 02.13- 02.13-	115504 114163 116097 115634 116156	12 1.1 12 1.1 12 2.0 12 1.8 12 2.0
					DKG			
					A25 and DKG			
					AT and Start/Stop			
Leon 2.0 TDi 4Drive	[CRBC]	09.14- 09.14- 09.14- 09.14- 09.14-	114322 115898 116206 116359 116373	14 140 14 140 12 110 14 140 14 140		09.14- 09.14- 09.14- 09.14- 09.14-	115402 116156 115900 115634 115610	12 1.8 12 2.0 12 1.1 12 1.8 12 2.0
					A25			
					A25 and DKG			
					DKG			
Leon 2.0 TDi 4Drive	[CRLB]	09.14- 09.14- 09.14- 09.14- 09.14-	114322 115898 116206 116359 116373	14 140 14 140 12 110 14 140 14 140		09.14- 09.14- 09.14- 09.14- 09.14-	115402 116156 116097 115634 115610	12 1.8 12 2.0 12 2.0 12 1.8 12 2.0
					A25			
					A25 and DKG			
					DKG			
Leon 2.0 TDi 4Drive	[CUNA]	10.14- 10.14- 10.14-	115898 116206 116359	14 140 12 110 14 140		10.14- 10.14- 10.14-	116156 115900 115634	12 2.0 12 1.1 12 1.8
					A25 and DKG			
					AT			
					AT and Start/Stop			
Leon 2.0 Cupra	[CJXA]	10.13- 11.16- 10.13- 10.13-	116387 116386 116747 116387	14 140 14 140 14 180 14 140		10.13- 10.13- 10.13- 10.13-	115610 115610 115610 115610	12 2.0 12 2.0 12 2.0 12 2.0
					A25 and DKG			
					A25 and DKG			
					AT and Start/Stop			



SEAT Continued

Leon 2.0 Cupra 4Drive	[CJXC]	11.16-	116386	14 140	A25 and DKG	11.16-	115610	12 2.0
Leon 2.0 FSI	[BLR]	09.05-	113992	14 140	A25	09.05-	115560	12 1.7
	[BLY]	09.05-	113992	14 140	A25	09.05-	115560	12 1.7
	[BVY]	09.05-	113992	14 140	A25	09.05-	115560	12 1.7
	[BVZ]	09.05-	113992	14 140		09.05-	113842	12 1.7
Leon 2.0 TFSI	[BWA]	09.05-	113992	14 140	A25	09.05-	115560	12 1.7
						09.05-	113842	12 1.7
	[BWJ]	11.06-	113992	14 140	A25	11.06-	115560	12 1.7
	[CCZB]	06.09-	114722	14 140	A25	06.09-	115402	12 1.8
	[CDLA]	09.09-	113992	14 140		09.09-	115560	12 1.7
	[CDLD]	11.06-	113992	14 140		11.06-	115561	12 1.7
Leon 2.0 TSI	[DKZA]	09.18-	116387	14 140	AT and Start/Stop	09.18-	115610	12 2.0
		09.18-	116747	14 180				
Leon 2.0 TSI 4Drive	[DKZA]	09.18-	116387	14 140	A25 and seatheating	09.18-	115610	12 2.0
		09.18-	116747	14 180				
Leon Cupra 2.0	[CJXC]	01.17-	116386	14 140	A25	01.17-	115560	12 1.7
		01.17-	116387	14 140	A25	01.17-	115561	12 1.7
						01.17-	115900	12 1.1
Leon Cupra 4 2.8 Cupra 4	[AUE]	02.01-	112002	14 120 A47		02.01-	112429	12 2.0
		02.01-	112079	14 90 A47				
		02.01-	114789	14 90 A49				
		02.01-	115483	14 120 A49				
Leon Cupra R 1.8 Turbo Cupra R	[AMK]	02.02-	112002	14 120 A47		02.02-	114174	12 1.1
		05.02- 05.03	111989	14 90		05.02- 05.03	115561	12 1.7
		05.02- 05.03	115483	14 120 A49				
	[BAM]	05.03-	111989	14 90		05.03-	114174	12 1.1
		05.03-	115483	14 120 A49				
		07.03-	112002	14 120 A47				
Leon Cupra R 2.0	[CJXG]	11.17-	116747	14 180				
Leon SC 1.0 TSi	[CHZD]	05.15-	116619	14 110		05.15-	115944	12 1.7
Leon SC 1.2 TSi	[CJZA]	02.13-	115916	14 140		02.13-	115561	12 1.7
		02.13-	116619	14 110		02.13-	116097	12 2.0
	[CJZB]	01.13-	115916	14 140	A25	01.13-	115561	12 1.7
		01.13-	116619	14 110		01.13-	116097	12 2.0
	[CYVA]	01.13-	115916	14 140		01.13-	115402	12 1.8
		01.13-	116619	14 110		01.13-	115945	12 1.4
						01.13- 08.18	115696	12 1.1
	[CYVB]	05.14-	116619	14 110		05.14-	115944	12 1.7
						05.14- 08.18	115696	12 1.1
Leon SC 1.4 TSi	[CHPA]	02.13-	115916	14 140		02.13-	115561	12 1.7
		02.13-	116619	14 110		02.13-	115900	12 1.1
	[CMBA]	02.13-	115916	14 140	A25	02.13-	115561	12 1.7
		02.13-	116619	14 110	6 Speed	02.13-	116097	12 2.0
	[CPTA]	02.13-	115916	14 140	A25	02.13-	115402	12 1.8
		02.13-	116619	14 110		02.13-	115900	12 1.1
	[CXSA]	02.13-	115916	14 140	A25	02.13-	115402	12 1.8
		02.13-	116619	14 110		02.13-	115900	12 1.1
	[CZCA]	05.14-	116619	14 110		05.14-	115944	12 1.7
	[CZEA]	05.14-	116619	14 110		05.14-	115944	12 1.7
Leon SC 1.6 TDI	[CLHA]	02.13-	115898	14 140	A25	02.13-	115402	12 1.8
		02.13- 08.18	116717	14 140		02.13- 08.18	115945	12 1.4
					For vehicles with DKG	02.13-	115634	12 1.8
					A25 and DKG	02.13-	115610	12 2.0
	[CLHB]	02.13-	115898	14 140		02.13-	115402	12 1.8
		02.13- 08.18	116717	14 140		02.13- 08.18	115818	12 1.1
					For vehicles with DKG	02.13-	115634	12 1.8
					A25 and DKG	02.13-	115610	12 2.0
	[CRKB]	09.13-	115898	14 140	A25	09.13-	115402	12 1.8
		09.13- 11.16	116717	14 140		09.13- 11.16	115945	12 1.4
					For vehicles with DKG	09.13-	115634	12 1.8
					A25 and DKG	09.13-	115610	12 2.0
	[DDYA]	11.16-	115898	14 140		11.16- 08.18	115696	12 1.1
		11.16-	116206	12 110		11.16-	116720	12 1.4
		11.16-	116359	14 140		11.16-	116097	12 2.0
		11.16- 08.18	116717	14 140	A25	11.16-	115610	12 2.0
Leon SC 1.8 TFSI	[CJSA]	02.13- 08.18	116747	14 180		02.13- 08.18	115696	12 1.1
Leon SC 2.0 TDI	[CKFC]	02.13-	115898	14 140	A25	02.13-	115336	12 2.2
		02.13-	116717	14 140		02.13-	115818	12 1.1
						02.13-	115634	12 1.8
	[CRMB]	02.13-	115898	14 140	A25	02.13-	115336	12 2.2
		02.13-	116717	14 140		02.13-	115818	12 1.1
						02.13-	115634	12 1.8
	[CRVA]	02.13-	114322	14 140	A25 and DKG	02.13-	115539	12 2.0 A49
		02.13-	115898	14 140		02.13-	116720	12 1.4
		02.13-	116206	12 110	A25 and DKG	02.13-	116156	12 2.0
		02.13-	116359	14 140		02.13-	116097	12 2.0
		02.13-	116373	14 140				
					For vehicles with DKG	02.13-	115634	12 1.8 A49
	[CRVC]	05.13-	115898	14 140	A25	05.13-	115336	12 2.2
		05.13-	116717	14 140		05.13-	115818	12 1.1
	[CUNA]	03.13-	115898	14 140	A25	03.13-	115402	12 1.8
		03.13-	116717	14 140		03.13-	115818	12 1.1
						03.13-	115634	12 1.8
	[CUPA]	03.13-	115898	14 140	A25	03.13-	115336	12 2.2
		03.13-	116717	14 140		03.13-	115818	12 1.1
						03.13-	115634	12 1.8
Leon SC 2.0 Cupra	[CJXE]	10.13- 11.16	116747	14 180		10.13- 11.16	115696	12 1.1
	[CJXH]	10.15- 11.16	116747	14 180		10.15- 11.16	115696	12 1.1
Leon Sportstourer 1.5 TSi	[DPBA]					03.20-	115944	12 1.7
	[DPCA]					03.20-	115944	12 1.7
Leon Sportstourer 2.0 TDI	[DSTB]					04.20-	115539	12 2.0 A49
						04.20-	115610	12 2.0
						04.20-	116156	12 2.0
	[DTRD]					11.20-	115402	12 1.8
Leon Sportstourer 2.0 TDI 4x4	[DTTC]					11.20-	115539	12 2.0 A49
						11.20-	115610	12 2.0
						11.20-	116156	12 2.0
Leon ST 1.0 TSi	[CHZD]	05.15-	116619	14 110		05.15-	116097	12 2.0
Leon ST 1.2 TSi	[CJZA]	08.13-	115916	14 140	A25	08.13-	115539	12 2.0
		08.13-	116619	14 110	A25 and DKG	08.13-	116156	12 2.0



	[CJZB]	11.13-	115916	14 140	A25	11.13-	115560	12 1.7
		11.13-	116619	14 110	A25	11.13-	116156	12 2.0
	[CYVA]	11.13-	115916	14 140		11.13-	115561	12 1.7
		11.13-	116619	14 110		11.13-	116097	12 2.0
	[CYVB]	05.14-	116619	14 110		11.13-	115696	12 1.1
		05.14-				11.13-	116097	12 2.0
	[CPWA]	10.13-	116619	14 110		10.13-	116097	12 2.0
		10.13-				10.13-	116097	12 2.0
Leon ST 1.4 TGI	[CHPA]	10.13-	115916	14 140	A25 and DKG	10.13-	115561	12 1.7
Leon ST 1.4 TSI		10.13-	116619	14 110		10.13-	116097	12 2.0
	[CMBA]	10.13-	115916	14 140	A25 and DKG	10.13-	115539	12 2.0
		10.13-	116619	14 110		10.13-	116720	12 1.4
	[CPTA]	10.13-	115916	14 140	A25	10.13-	115560	12 1.7
		10.13-	116619	14 110		10.13-	116097	12 2.0
	[CXSA]	10.13-	115916	14 140		10.13-	115561	12 1.7
		10.13-	116619	14 110		10.13-	116097	12 2.0
	[CZCA]	05.14-	116619	14 110		05.14-	116097	12 2.0
		05.14-	116619	14 110		05.14-	116097	12 2.0
	[CLHA]	10.13-	115898	14 140		10.13-	115402	12 1.8
		10.13-	116717	14 140		10.13-	115945	12 1.4
	[CLHB]	11.13-	115898	14 140	A25	11.13-	115402	12 1.8
		11.13-	116717	14 140		11.13-	115818	12 1.1
	[CRKB]	09.13-	115898	14 140	A25	09.13-	115402	12 1.8
		09.13-	116717	14 140		09.13-	115818	12 1.1
					A25 and DKG	09.13-	115610	12 2.0
						09.13-	115634	12 1.8
	[DDYA]	11.16-	115898	14 140		11.16-	115336	12 2.2
		11.16-	116206	12 110				
		11.16-	116359	14 140				
		11.16-	116717	14 140				
					A25	11.16-	115696	12 1.1
						11.16-	115610	12 2.0
						11.16-	115634	12 1.8
	[CLHA]	04.14-	115898	14 140	A25	04.14-	115402	12 1.8
		04.14-	116717	14 140		04.14-	115818	12 1.1
						04.14-	115634	12 1.8
	[CRKB]	11.14-	115898	14 140		11.14-	115402	12 1.8
		11.14-	116717	14 140		11.14-	115696	12 1.1
						11.14-	115634	12 1.8
	[CKFC]	10.13-	115898	14 140	A25	10.13-	115402	12 1.8
		10.13-	116647	14 140		10.13-	115900	12 1.1
		10.13-	116717	14 140		10.13-	115944	12 1.7
						10.13-	115634	12 1.8
	[CRBC]	10.13-	115898	14 140		10.13-	115402	12 1.8
		10.13-	116647	14 140		10.13-	115900	12 1.1
		10.13-	116717	14 140	DKG	10.13-	115818	12 1.1
						10.13-	115634	12 1.8
	[CRLB]	10.13-	115898	14 140		10.13-	115402	12 1.8
		10.13-	116717	14 140		10.13-	115818	12 1.1
						10.13-	115634	12 1.8
	[CRMB]	10.13-	115898	14 140	A25	10.13-	115561	12 1.7
		10.13-	116647	14 140		10.13-	116097	12 2.0
		10.13-	116717	14 140		10.13-	115944	12 1.7
						10.13-	115634	12 1.8
	[CRVA]	11.13-	115898	14 140	A25	11.13-	115402	12 1.8
		11.13-	116717	14 140		11.13-	115945	12 1.4
						11.13-	115634	12 1.8
	[CRVC]	10.13-	115898	14 140		10.13-	115402	12 1.8
		10.13-	116717	14 140		10.13-	115945	12 1.4
	[CUNA]	08.13-	115898	14 140	A25	08.13-	115561	12 1.7
		08.13-	116647	14 140		08.13-	116097	12 2.0
		08.13-	116717	14 140		08.13-	115944	12 1.7
						08.13-	115634	12 1.8
	[CUPA]	08.13-	115898	14 140		08.13-	115561	12 1.7
		08.13-	116647	14 140		08.13-	116097	12 2.0
		08.13-	116717	14 140		08.13-	115944	12 1.7
	[CRBC]	04.14-	115898	14 140		04.14-	115336	12 2.2
		04.14-	116647	14 140		04.14-	115944	12 1.7
		04.14-	116717	14 140		04.14-	115696	12 1.1
	[CRLB]	04.14-	115898	14 140		04.14-	115402	12 1.8
		04.14-	116647	14 140		04.14-	115944	12 1.7
		04.14-	116717	14 140		04.14-	115818	12 1.1
						04.14-	115634	12 1.8
	[CRMB]	04.14-	115898	14 140		04.14-	115402	12 1.8
		04.14-	116647	14 140		04.14-	115944	12 1.7
		04.14-	116717	14 140		04.14-	115818	12 1.1
						04.14-	115634	12 1.8
	[CUNA]	11.14-	115898	14 140		11.14-	115402	12 1.8
		11.14-	116647	14 140		11.14-	115944	12 1.7
		11.14-	116717	14 140		11.14-	115696	12 1.1
Leon ST 2.0	[CJXC]	11.16-	116386	14 140		11.16-	116720	12 1.4
		11.16-	116387	14 140				
Leon ST 2.0 4Drive	[CJXC]	11.16-	116386	14 140		11.16-	116720	12 1.4
						11.16-	115696	12 1.1
Leon ST 2.0 Cupra	[CJXE]	10.13-	116747	14 180		10.13-	115696	12 1.1
	[CJXH]					10.15-	115696	12 1.1
Malaga 1.2	[021A.1000]	05.85- 08.85	110358	14 55		05.85- 08.85	110365	12 0.8
Malaga 1.2 i	[021C.1000]	09.85- 12.93	110912	14 55		09.85- 12.93	110365	12 0.8
Malaga 1.5	[021A.2000]	05.85- 08.85	110358	14 55		05.85- 08.85	110365	12 0.8
Malaga 1.5 i	[021D.2000]	09.85- 12.93	110912	14 55		09.85- 12.93	110365	12 0.8
Malaga 1.7 Diesel	[022A.5000]	05.85- 12.93	110912	14 55		05.85- 12.93	110365	12 0.8
Marbella 0.8	[08NCA]	01.87- 12.93	111078	14 45		01.87- 12.93	110365	12 0.8
Marbella 0.9	[09NCA]	01.87- 12.93	111078	14 45		01.87- 12.93	110365	12 0.8
	[09NCB]	01.87- 02.97	111078	14 45		01.87- 02.97	110365	12 0.8
Mii 1.0 EcoFuel	[CPGA]	11.12-	115695	14 110		11.12-	115696	12 1.1
		11.12-	116204	14 90				
		A25 11.12-	116232	14 110				
Mii 1.0	[CHYA]	10.11-	115695	14 110		10.11-	115696	12 1.1
		10.11-	116204	14 90				
		A25 10.11-	116232	14 110				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



SEAT Continued

	[CHYB]	10.11-	115695	14 110	10.11-	115696	12 1.1
		10.11-	116204	14 90			
		A25 10.11-	116232	14 110			
Panda 0.9	[100GL.7000]				09.82- 12.86	110365	12 0.8
Ronda 1.2	[021A.1000]	05.84- 08.85	110358	14 55	05.84- 08.85	110365	12 0.8
	[124B6.000]	01.84- 04.84	110358	14 55			
Ronda 1.4	[124B7.000]	05.84- 08.85	110358	14 55			
Ronda 1.5	[021A.2000]	09.84- 08.85	110358	14 55			
Ronda 1.7 Diesel	[022A.5000]	06.82- 12.86	110912	14 55			
Tarraco 1.5 TSI ACT	[DADA]	09.18-	116193	14 140	09.18-	115539	12 2.0 A49
		09.18-	116228	12 180	09.18-	115560	12 1.7
		09.18-	116229	12 180	09.18-	115561	12 1.7
		09.18-	116231	12 110			
		09.18-	116298	14 140			
Tarraco 2.0 TDi	[DFGA]	09.18-	116384	14 180	09.18-	115561	12 1.7
		09.18-	116647	14 140			
Tarraco 2.0 TDi 4Drive	[DFGA]	09.18-	116384	14 180	09.18-	115402	12 1.8
		09.18-	116647	14 140			
	[DFHA]	09.18-	116384	14 180	09.18-	116156	12 2.0
		09.18-	116647	14 140			
Tarraco 2.0 TSI 4Drive	[DKZA]	11.18-	116387	14 140	11.18-	116156	12 2.0
		11.18-	116747	14 180			
Terra 0.9	[09NCA]	01.87- 12.95	111078	14 45	01.87- 12.95	110365	12 0.8
	[09NCB]	01.90- 12.95	111078	14 45	01.90- 12.95	110365	12 0.8
Terra 1.3 Diesel	[MN]				03.90- 02.92	115540	12 1.4
Terra 1.4 Diesel	[1W]				10.90- 02.92	115540	12 1.4
Toledo 1.0 TSI	[CHZC]	05.17-	116231	12 110			
		05.17-	116298	14 140			
Toledo 1.2	[CGPC]	07.12-	113253	14 90	07.12-	115508	12 1.7 A49
Toledo 1.2 TSI	[CBZA]	07.12-	115765	14 140			
		07.12-	116207	14 110			
	[CBZB]	07.12-	115765	14 140			
		07.12-	115767	14 140			
		07.12-	116207	14 110			
	[CJZC]	05.15-	116193	14 140			
		05.15-	116231	12 110			
		05.15-	116298	14 140			
		05.15-	116619	14 110			
	[CJZD]	05.15-	116193	14 140			
		05.15-	116231	12 110			
		05.15-	116298	14 140			
		05.15-	116619	14 110			
Toledo 1.4 16V	[AHW]	07.99-	111989	14 90	AT 07.99-	113509	12 1.7
		07.99-	112075	14 70	A25 07.99-	115336	12 2.2
	[APE]	07.99- 08.00	111989	14 90	07.99- 08.00	114034	12 1.0
		07.99- 08.00	112075	14 70	07.99- 08.00	115503	12 1.8 A49
	[AUA]	07.99- 08.00	111989	14 90	07.99- 08.00	113841	12 1.7
		07.99- 08.00	112075	14 70	07.99- 08.00	115503	12 1.8 A49
	[AXP]	07.99- 08.00	111989	14 90	AT 07.99- 08.00	113773	12 1.1
		07.99- 08.00	112075	14 70	07.99- 08.00	115503	12 1.8 A49
	[BCA]	07.99- 08.00	111989	14 90	07.99- 08.00	113841	12 1.7
		07.99- 08.00	112075	14 70	07.99- 08.00	115503	12 1.8 A49
	[BXW]	05.06- 05.09	113874	14 110	05.06- 05.09	114174	12 1.1
		05.06- 05.09	116587	14 110			
Toledo 1.4 TSI	[CAXA]	07.12-	114884	14 140			
	[CZCA]	05.15-	116193	14 140			
		05.15-	116231	12 110			
		05.15-	116298	14 140			
		05.15-	116619	14 110			
Toledo 1.6 TDi	[CAYB]	06.13-	113992	14 140			
		06.13-	115370	14 110			
		06.13-	115433	14 140			
		06.13-	116036	14 140			
		06.13-	116452	14 140			
	[CAYC]	07.12-	113992	14 140	07.12-	115612	12 1.2
		07.12-	115370	14 110			
		07.12-	115433	14 140			
		07.12-	116452	14 140			
	[CLNA]	07.12-	113992	14 140	07.12-	115612	12 1.2
		07.12-	115370	14 110			
		07.12-	115433	14 140			
		07.12-	116452	14 140			
	[CXMA]	05.15-	115898	14 140			
		05.15-	116206	12 110			
		05.15-	116359	14 140			
		05.15- 04.19	116717	14 140			
Toledo 1.6	[AEH]	04.99-	111989	14 90	04.99-	111748	12 1.1
		04.99-	112075	14 70	A25 04.99-	115336	12 2.2
	[AKL]	04.99-	111989	14 90	04.99-	111748	12 1.1
		04.99-	112075	14 70	04.99-	115336	12 2.2
	[APF]	04.99- 09.00	111989	14 90	04.99- 09.00	114034	12 1.0
		04.99- 09.00	112075	14 70	04.99- 09.00	115503	12 1.8 A49
	[BGU]	10.04-	113992	14 140	10.04-	114160	12 1.8
	[BSE]	10.04-	111989	14 90	10.04-	114034	12 1.0
		10.04-	113992	14 140	10.04-	114163	12 1.1
	[BSF]	10.04-	111989	14 90	10.04-	113773	12 1.1
		10.04-	113992	14 140	10.04-	114163	12 1.1
	[CCSA]	12.07-	113992	14 140	12.07-	115944	12 1.7
	[CFNA]	07.13-	114769	14 110			
		05.15-	116232	14 110			
		05.15-	116383	14 140			
Toledo 1.6 16V	[AUS]	09.00-	111989	14 90	AT 09.00-	113773	12 1.1
	[AZD]	09.00-	111989	14 90	AT 09.00-	113773	12 1.1
	[BCB]	09.00- 05.06	111989	14 90	09.00- 05.06	114034	12 1.0
Toledo 1.6 i	[1F]	05.91- 12.93	112149	14 65	05.91- 12.93	115504	12 1.1 A49
		10.93- 10.98	111352	14 70	10.93- 10.98	111059	12 0.9
		10.93- 10.98	111479	14 90	10.93- 10.98	112429	12 2.0
		AC 10.93- 10.98	111477	14 90	10.93- 10.98	111900	12 1.8
					10.93- 10.98	111909	12 1.1
					AT 10.93- 10.98	112286	12 1.7



	[ABN]		10.93- 07.94	111352	14 70		10.93- 07.94	111059	12 0.9	A49
			10.93- 07.94	111479	14 90		10.93- 07.94	111909	12 1.1	
		Chas. -ZD304850	05.91- 10.93	112149	14 65		05.91- 10.93	115504	12 1.1	
		AC	10.93- 07.94	111477	14 90		10.93- 07.94	112005	12 1.1	
	[AFT]		11.96- 10.98	111353	14 70	AT	11.96- 10.98	112286	12 1.7	
			11.96- 10.98	111477	14 90		11.96- 10.98	111909	12 1.1	
Toledo 1.8 16V	[EZ]	Chas. -ZD304850	05.91- 09.91	112149	14 65		05.91- 09.91	115504	12 1.1	A49
	[KR]		05.91- 11.92	112750	14 90		05.91- 11.92	115508	12 1.7	A49
	[PL]		05.91- 03.94	112750	14 90		05.91- 03.94	115508	12 1.7	A49
	Toledo 1.8 20V	[AGN]		04.99-	111989	14 90		04.99-	111749	12 1.1
			04.99-	112075	14 70		04.99-	115336	12 2.2	
	[APG]		04.99- 05.06	111989	14 90	AT	04.99- 05.06	113773	12 1.1	
			04.99- 05.06	112002	14 120 A47	A25	04.99- 05.06	115560	12 1.7	
			05.99- 05.06	115483	14 120 A49					
Toledo 1.8 i	[ABS]		11.93- 07.94	111352	14 70	AT	11.93- 07.94	112286	12 1.7	
			11.93- 07.94	111477	14 90		11.93- 07.94	111909	12 1.1	
			11.93- 07.94	111479	14 90		11.93- 07.94	111694	12 1.8	
	[ADZ]		07.94- 12.96	111352	14 70	AT	07.94- 12.96	112286	12 1.7	
			07.94- 12.96	111477	14 90		07.94- 12.96	111909	12 1.1	
			07.94- 12.96	111479	14 90		07.94- 12.96	111748	12 1.1	
	[RP]	Chas. ZD304851-	10.93- 12.96	111352	14 70		10.93- 12.96	112429	12 2.0	
		Chas. ZD304851-	10.93- 12.96	111479	14 90		10.93- 12.96	111900	12 1.8	
		Chas. -ZD304850	05.91- 10.93	112149	14 65		05.91- 10.93	115504	12 1.1	A49
		AC, Chas. ZD304851-	10.93- 12.96	111477	14 90	AT	10.93- 12.96	111909	12 1.1	
Toledo 1.8 TFSi	[BYT]		01.07-	114722	14 140					
	[BZB]		01.07-	114722	14 140					
	[CDAA]		01.07-	114722	14 140					
Toledo 1.8 Turbo 20V	[APP]		05.01- 05.06	111989	14 90		05.01- 05.06	114034	12 1.0	
			05.01- 05.06	112002	14 120 A47	A25	05.01- 05.06	115336	12 2.2	
			05.01- 05.06	115483	14 120 A49					
	[AUQ]		05.01-	111989	14 90	AT	05.01-	113773	12 1.1	
			05.01-	112002	14 120 A47	A25	05.01-	115560	12 1.7	
Toledo 1.9 Diesel	[1Y]		05.91- 10.93	111154	14 65		05.91- 10.93	111059	12 0.9	
			10.93- 10.98	111352	14 70		10.93- 10.98	112429	12 2.0	
			10.93- 10.98	111479	14 90		10.93- 10.98	111900	12 1.8	
		AC	10.93- 10.98	111477	14 90		12.95-	112286	12 1.7	
							10.93- 10.98	111909	12 1.1	
Toledo 1.9 TD	[AAZ]		05.91- 10.93	111154	14 65	Chas. -1M-2-020000	05.91- 10.93	111059	12 0.9	
			10.93- 04.97	111352	14 70		10.93- 04.97	112429	12 2.0	
			10.93- 04.97	111479	14 90		10.93- 04.97	111900	12 1.8	
		AC	10.93- 04.97	111477	14 90		10.93- 04.97	111909	12 1.1	
Toledo 1.9 TDi	[1Z]		08.95-	111828	14 120		08.95-	111748	12 1.1	
	[AFN]		11.96- 03.99	111828	14 120		11.96- 03.99	111748	12 1.1	
			11.96- 06.98	111884	14 90					
			11.96- 03.99	111988	14 120					
	[AGR]		04.99- 05.06	112002	14 120 A47		04.99- 05.06	113842	12 1.7	
			04.99- 05.06	112079	14 90 A47		04.99- 05.06	115503	12 1.8	A49
			04.99- 05.06	114789	14 90 A49					
		04.99- 05.06	115483	14 120 A49						
	[AHF]		04.99-	112002	14 120 A47		04.99-	113842	12 1.7	
			04.99-	112079	14 90 A47		04.99-	115504	12 1.1	A49
			04.99-	113340	14 70		04.99-	114299	12 1.7	
			04.99- 05.06	114789	14 90 A49					
		04.99- 09.02	115483	14 120 A49						
	[AHU]		06.96-	111828	14 120		06.96-	111748	12 1.1	
			06.96-	111884	14 90					
		06.96-	111988	14 120						
	[ALH]		04.99- 05.06	112002	14 120 A47		04.99- 05.06	113842	12 1.7	
			04.99- 05.06	112079	14 90 A47		04.99- 05.06	115504	12 1.1	A49
			04.99- 05.06	114789	14 90 A49					
		04.99- 05.06	115483	14 120 A49						
	[ARL]		10.00- 05.06	112002	14 120 A47		10.00- 05.06	115333	12 1.0	
			10.00- 05.06	112079	14 90 A47		10.00- 05.06	115504	12 1.1	A49
			10.00- 05.06	114789	14 90					
		10.00- 05.06	115483	14 120 A49						
	[ASV]		04.99- 05.06	112002	14 120	A25	04.99- 05.06	115561	12 1.7	
			04.99- 05.06	112079	14 90		04.99- 05.06	115504	12 1.1	A49
			04.99- 05.06	113340	14 70		04.99- 05.06	114174	12 1.1	
			04.99- 05.06	114789	14 90 A49					
		05.99- 12.03	115483	14 120 A49						
	[ASZ]		05.03- 05.06	112002	14 120 A47		05.03- 05.06	113842	12 1.7	
			05.03- 05.06	112079	14 90 A47		05.03- 05.06	115504	12 1.1	A49
			05.03- 05.06	114789	14 90 A49					
		05.03- 05.06	115483	14 120 A49						
	[BJB]		10.04-	113992	14 140		10.04-	114163	12 1.1	
			10.04-	115370	14 110					
	[BKC]		10.04-	113992	14 140		10.04-	114163	12 1.1	
			10.04-	115370	14 110					
	[BLS]		10.05-	113992	14 140		10.05-	115696	12 1.1	
			10.05-	115370	14 110					
	[BXE]		02.06-	113992	14 140		02.06-	115696	12 1.1	
			02.06-	115370	14 110					
Toledo 2.0 TDi	[AZV]		09.04-	113992	14 140		09.04-	115610	12 2.0	
			09.04-	115370	14 110					
	[BKD]		10.04-	113992	14 140		10.04-	114163	12 1.1	
			10.04-	115370	14 110					
	[BMM]		01.06-	113992	14 140		01.06-	115944	12 1.7	
			01.06-	115370	14 110					
[BMN]		01.06-	113992	14 140		01.06-	114163	12 1.1		
	[CEGA]		01.06-	115370	14 110					
			01.06-	113992	14 140					
Toledo 2.0 FSi	[BLR]		10.04-	113992	14 140		10.04-	114163	12 1.1	
	[BLY]		10.04-	113992	14 140		10.04-	114160	12 1.8	
	[BVY]		11.05-	113992	14 140		11.05-	115944	12 1.7	
	[BVZ]		11.05- 05.06	113992	14 140		11.05- 05.06	115696	12 1.1	
Toledo 2.0 i 16V	[ABF]		11.93-	111353	14 70	AT	11.93-	112286	12 1.7	
			11.93-	111477	14 90		11.93-	111909	12 1.1	



SEAT Continued

Toledo 2.0 i	[2E]	05.91- 10.93	112149	14 65	05.91- 10.93	115504	12 1.1	A49	
		10.93- 06.96	111352	14 70	10.93- 06.96	112286	12 1.7		
		10.93- 06.96	111479	14 90	10.93- 06.96	111900	12 1.8		
		AC 10.93- 06.96	111477	14 90	10.93- 06.96	111909	12 1.1		
	[AGG]	03.96- 10.98	111352	14 70	03.96- 10.98	112286	12 1.7		
Toledo 2.0 TFSi	[BWA]	03.96- 10.98	111479	14 90	03.96- 10.98	111900	12 1.8		
		AC 03.96- 10.98	111477	14 90	03.96- 10.98	111909	12 1.1		
		11.05- 02.06	113992	14 140	A25 11.05- 02.06	116272	12 1.1		
		10.98- 11.00	115483	14 120 A49	04.99-	113841	12 1.7		
	[AGZ]	04.99-	112002	14 120 A47	04.99-	115503	12 1.8	A49	
Toledo 2.3 V5		04.99-	112079	14 90	04.99-	115508	12 1.7	A49	
		04.99-	113340	14 70					
		04.99- 05.01	114789	14 90 A49					
		05.01-	112002	14 120 A47	05.01-	115560	12 1.7		
	[AQN]	05.01-	112079	14 90 A47	05.01-	115504	12 1.1	A49	
		05.01-	113340	14 70	05.01-	114299	12 1.7		
		05.01- 05.06	114789	14 90 A49					
		05.01- 05.06	115483	14 120 A49					
	Various Models				05.72-	110365	12 0.8		
	Sennebogen								
INDUSTRY									
Various Models					01.63- 12.65	110409	12 3.0		
					09.82- 06.90	110536	12 2.7		
						116312	12 2.7	BO	
						116139	12 3.0	A49	
SGMW									
PASSENGER CARS AO									
Spark 0.8	[F8CV]	11.02-	111847	14 65					
Skoda									
PASSENGER CARS EU									
105 1.0	[742.1]	10.83- 12.90	110622	14 70					
120 1.2	[742.12]	10.83- 12.90	110622	14 70					
	[742.12 X]	08.76- 12.90	110622	14 70					
120 1.2 LS	[742.12 X]	08.76- 12.90	110622	14 70					
Citigo 1.0	[CHYA]	10.11-	115695	14 110	A25 10.11-	115560	12 1.7		
		10.11-	116204	14 90					
	A25 10.11-	116232	14 110	10.11-	115696	12 1.1			
	[CHYB]	10.11-	115695	14 110	A25 10.11-	115560	12 1.7		
		10.11-	116204	14 90	10.11-	115696	12 1.1		
Citigo 1.0 CNG	[CPGA]	A25 10.11-	116232	14 110					
		11.12-	116204	14 90	11.12-	115696	12 1.1		
	A25 11.12-	116232	14 110						
Fabia 1.0	[AQV]	09.99- 08.02	112419	14 70	09.99- 08.02	114034	12 1.0		
		09.99- 08.02	115483	14 120 A49	09.99- 08.02	115944	12 1.7		
		12.99- 08.02	112002	14 120 A47	12.99- 08.02	112435	12 1.1		
	[ARV]	12.99-	112002	14 120 Change pulley	12.99-	112388	12 1.0		
		12.99-	112274	14 90	12.99-	113515	12 0.9		
		12.99- 12.04	115483	14 120 A49	12.99- 12.04	116272	12 1.1		
	[ATY]	12.99-	112002	14 120 Change pulley	12.99-	112388	12 1.0		
		12.99-	112274	14 90	12.99-	113515	12 0.9		
		12.99- 08.02	115483	14 120 A49	12.99- 08.02	116272	12 1.1		
	[CHYA]	08.14-	116678	14 90					
		08.14-	116705	14 110					
	[CHYB]	08.14-	116678	14 90					
		08.14-	116705	14 110					
Fabia 1.0 TSi	[CHZB]	05.17-	116231	12 110					
	[DKLD]	05.17-	116231	12 110					
Fabia 1.2	[AWY]	08.02- 05.04	113253	14 90	08.02- 05.04	113842	12 1.7		
		Chas. 6Y-3-765553-			08.02-	114034	12 1.0		
	[AZQ]	Chas. 6Y-3-765553-	01.03-	113253	14 90	01.03-	113841	12 1.7	
		Chas. 6Y-3-765553-			01.03-	113842	12 1.7		
	[BBM]	03.07-	113253	14 90	03.07-	113842	12 1.7		
	[BMD]	05.04-	113253	14 90	05.04-	113842	12 1.7		
	[BZG]	03.07-	113253	14 90	03.07-	113842	12 1.7		
	[CEVA]	03.07-	113253	14 90	03.07-	113842	12 1.7		
	[CGPA]	03.07-	113253	14 90	03.07-	113842	12 1.7		
	[CHFA]	03.07-	113253	14 90	03.07-	113842	12 1.7		
	[CHTA]	03.07-	113253	14 90	03.07-	113842	12 1.7		
	Fabia 1.2 Praktik	[AWY]	08.02- 05.04	113253	14 90	08.02- 05.04	113842	12 1.7	
		[BMD]	05.04-	113253	14 90	05.04-	113842	12 1.7	
Fabia 1.2 16V	[CGPB]	11.11-	113253	14 90	11.11-	113842	12 1.7		
Fabia 1.2 TSi	[CBZA]	03.10-	115765	14 140					
		03.10-	116207	14 110					
		03.10-	115765	14 140					
	[CJZC]	03.10-	116207	14 110					
		08.14-	116619	14 110					
	[CJZD]	08.14-	116619	14 110					
	Fabia 1.4 TDi	[AMF]	05.03-	113275	14 120	05.03-	115560	12 1.7	
08.04- 10.05			112079	14 90	08.04- 10.05	113515	12 0.9		
08.04- 10.05			114789	14 90 A49	08.04- 10.05	114299	12 1.7		
[BMS]		03.07-	115714	14 110	03.07-	115612	12 1.2		
		03.07-	115764	14 90					
[BNM]		03.07-	115714	14 110	10.05-	115560	12 1.7		
		10.05-	113275	14 120	03.07-	115612	12 1.2		
		10.05-	115764	14 90	10.07-	113515	12 0.9		
		10.07-	112079	14 90 A47	10.07-	115508	12 1.7	A49	
		10.07-	114789	14 90 A49					
[BNV]		10.05-	113275	14 120	10.05-	115560	12 1.7		
		10.05-	115764	14 90					
		03.07-	115714	14 110					
[CUSA]	05.15-	116607	14 140						
	[CUSB]	08.14-	116607	14 140					
	[CUTA]	08.14-	116607	14 140					
Fabia 1.4 TDi Praktik	[BNM]	10.05-	113275	14 120	10.05-	115560	12 1.7		
		10.05-	115764	14 90					
Fabia 1.4	[AME]	09.00- 05.03	112274	14 90	09.00- 05.03	113515	12 0.9		
		09.00- 05.03	115483	14 120 A49	AT 09.00- 05.03	116272	12 1.1		
		11.00- 05.03	112002	14 120 A47	11.00- 05.03	112388	12 1.0		
		11.00-	112419	14 70	11.00-	114034	12 1.0		
					09.99- 05.03	116335	12 2.0		



	[AQW]	07.01- 05.03	112419	14 70		09.00- 05.03	112435	12 1.1		
		09.00- 05.03	112002	14 120 A47		07.01- 05.03	114034	12 1.0		
		12.99- 05.03	112274	14 90		12.99- 05.03	113515	12 0.9		
		12.99- 05.03	115483	14 120 A49	Chas. 6Y-5-240001-AT	12.99- 05.03	114062	12 1.7		
				14 90	12.99- 05.03	115944	12 1.7			
	[ATZ]	07.01- 09.99	112419	14 70		11.00- 05.03	112435	12 1.1		
		09.99- 01.01	112274	14 90		07.01- 09.99	114034	12 1.0		
		09.99- 01.01	115483	14 120 A49		09.99- 09.99	112388	12 1.0		
		11.00- 05.03	112002	14 120 A47	Chas. - 6Y..5..240000	09.99- 09.99	113515	12 0.9		
					09.99- 01.01	116335	12 2.0			
				12.99- 01.01	115696	12 1.1				
	[AZE]	04.00- 09.00	112002	14 120 A47	Chas. -6Y-5-240000	04.00- 04.00	112438	12 2.0	A49	
		09.00- 09.00	112274	14 90		04.00- 08.00	112435	12 1.1		
		09.00- 09.00	112419	14 70		08.00- 09.00	112388	12 1.0		
		09.00- 03.03	115483	14 120 A49	Chas. 6Y-5-240001-	09.00- 09.00	114062	12 1.7		
					09.00- 09.00	114034	12 1.0			
					09.00- 03.03	115696	12 1.1			
					Chas. -6Y..5..240000	09.99- 09.99	113515	12 0.9		
					09.99- 03.03	116272	12 1.1			
	[AZF]	04.00- 09.00	112002	14 120 A47	Chas. -6Y-5-240000	04.00- 08.00	112438	12 2.0	A49	
		09.00- 09.00	112274	14 90		09.00- 09.00	112435	12 1.1		
09.00- 09.00		112419	14 70		09.00- 09.00	114062	12 1.7			
09.00- 03.03		115483	14 120 A49		09.00- 03.03	114034	12 1.0			
				09.00- 03.03	115634	12 1.8				
				12.99- 12.99	113515	12 0.9				
				AT	12.99- 03.03	115944	12 1.7			
[AZF,AZE]	04.00- 03.03	112002	14 120		04.00- 03.03	111909	12 1.1			
	04.00- 03.03	112274	14 90		04.00- 03.03	114034	12 1.0			
	04.00- 03.03	112419	14 70							
	04.00- 03.03	115483	14 120 A49		04.00- 03.03	115612	12 1.2			
[BXW]	03.07- 03.07	112274	14 90		03.07- 03.07	114034	12 1.0			
	03.07- 06.07	116587	14 110		06.07- 06.07	115503	12 1.8	A49		
	06.07- 06.07	113874	14 110							
[CGGB]	03.07- 03.07	112274	14 90		03.07- 06.07	114034	12 1.0			
	03.07- 06.07	116587	14 110		06.07- 06.07	115503	12 1.8	A49		
	06.07- 06.07	113874	14 110							
Fabia 1.4 Praktik	[AME]	04.02- 05.03	112002	14 120 A47		04.02- 05.03	112005	12 1.1		
		09.99- 05.03	112274	14 90		09.99- 05.03	114062	12 1.7		
		09.99- 05.03	112419	14 70		09.99- 05.03	114034	12 1.0		
		09.99- 05.03	115483	14 120 A49		09.99- 05.03	115634	12 1.8		
	[AQW]	04.02- 05.03	112002	14 120 A47		04.02- 05.03	112005	12 1.1		
		12.99- 05.03	112274	14 90		12.99- 05.03	114062	12 1.7		
		12.99- 05.03	112419	14 70		12.99- 05.03	114034	12 1.0		
		12.99- 05.03	115483	14 120 A49		12.99- 05.03	115634	12 1.8		
	[ATZ]	04.02- 05.03	112002	14 120 A47		04.02- 05.03	112005	12 1.1		
		09.99- 01.01	112274	14 90		09.99- 01.01	114062	12 1.7		
09.99- 01.01		112419	14 70		09.99- 01.01	114034	12 1.0			
09.99- 05.03		115483	14 120 A49		09.99- 05.03	115634	12 1.8			
Fabia 1.4 16V	[AUA]	12.99- AC	113887	14 90	A25	05.00- 10.99	115336	12 2.2		
		11.00- 10.01	111989	14 90		10.99- 12.99	115503	12 1.8	A49	
		10.01- 05.00	112274	14 90		12.99- 11.00	115508	12 1.7	A49	
		05.00- 12.99	113874	14 110		10.01- 10.01	112388	12 1.0		
					10.01- 10.01	113515	12 0.9			
	[AUB]	12.99- AC	116587	14 110						
		03.00- AC	111989	14 90	A25	12.99- 12.99	115336	12 2.2		
		10.01- 12.99	112274	14 90		12.99- 03.00	115503	12 1.8	A49	
			113874	14 110		10.01- 10.01	112388	12 1.0		
					10.01- 10.01	114062	12 1.7			
[BBY]	10.01- 12.99	112274	14 90		10.01- 05.04	114062	12 1.7			
	12.99- AC	113887	14 90		01.05- 12.99	115503	12 1.8	A49		
	11.00- 10.01	111989	14 90	A25	12.99- 12.99	115336	12 2.2			
	01.05- 12.99	113874	14 110		12.99- 11.00	115504	12 1.1	A49		
				11.00- 10.01	112388	12 1.0				
				10.01- 10.01	114034	12 1.0				
[BBZ]	12.99- AC	113874	14 110	A25	12.99- 03.00	115336	12 2.2			
	03.00- 10.01	111989	14 90		10.01- 10.01	112388	12 1.0			
		112274	14 90		10.01- 10.01	113515	12 0.9			
[BKY]	05.00- 10.01	113874	14 110		05.00- 10.01	115503	12 1.8	A49		
	10.01- 12.99	112274	14 90		10.01- 05.04	114034	12 1.0			
	12.99- 12.99	113887	14 90		12.99- 11.00	115508	12 1.7	A49		
		116587	14 110		11.00- 10.01	112388	12 1.0			
				10.01- 10.01	114062	12 1.7				
Fabia 1.4 TSi	[CAVE]	05.10- 05.10	114884	14 140	Chas. 6Y-5-240001-	10.01- 10.01	116335	12 2.0	A49	
	[CTHE]	05.10- 05.10	114884	14 140		05.10- 05.10	114299	12 1.7		
Fabia 1.4 TSi R5	[CZCA]	02.18- 02.18	116231	12 110						
Fabia 1.6 TDi	[CAYA]	04.10- 04.10	115370	14 110		04.10- 04.10	115612	12 1.2		
	[CAYB]	03.10- 03.10	113992	14 140		03.10- 03.10	115508	12 1.7	A49	
		03.10- 03.10	115370	14 110		03.10- 03.10	115612	12 1.2		
		03.10- 03.10	115433	14 140						
		03.10- 03.10	116036	14 140						
		03.10- 03.10	116452	14 140						
	[CAYC]	03.10- 03.10	113992	14 140		03.10- 03.10	115508	12 1.7	A49	
		03.10- 03.10	115370	14 110		03.10- 03.10	115612	12 1.2		
		03.10- 03.10	115433	14 140						
		03.10- 03.10	116036	14 140						
	03.10- 03.10	116452	14 140							
Fabia 1.6	[BTS]	03.07- 03.07	114769	14 110		03.07- 03.07	115508	12 1.7	A49	
	[CFNA]	03.07- 03.07	114769	14 110		03.07- 03.07	115508	12 1.7	A49	
	[CWVA]	01.15- 01.15	116232	14 110						
		01.15- 01.15	116383	14 140						



SCODA Continued

Fabia 1.9 SDi	[ASY]		08.00-	115483	14 120 A49	AT	08.00-	116272	12 1.1	A49			
			11.00-	112002	14 120 A47		08.00-	115696	12 1.1				
			11.00-	112079	14 90 A47		11.00-	112429	12 2.0				
			11.00-	113340	14 70		11.00-	111900	12 1.8				
			11.00-	114789	14 90 A49		11.00-	115560	12 1.7				
							11.00-	115508	12 1.7				
							07.01-	115376	12 1.8				
							Chas. -6Y-5-	04.02-	112438		12 2.0		
							04.02-	113515	12 0.9				
							09.99- 04.07	116335	12 2.0				
Fabia 1.9 TDi	[ATD]					AT	09.99-	115610	12 2.0	A49			
							11.99-	111823	12 1.1				
							12.99-	112388	12 1.0				
			01.00-	112002	14 120 A47		01.00-	112429	12 2.0				
			01.00-	112079	14 90 A47		01.00-	111900	12 1.8				
			01.00-	114789	14 90 A49		01.00-	115508	12 1.7				
			08.00- 10.05	115483	14 120 A49		04.00-	112435	12 1.1				
			11.00-	113340	14 70		08.00- 10.05	115696	12 1.1				
							09.00-	112388	12 1.0				
							11.00-	115560	12 1.7				
Fabia 1.9 TDi	[ATD]					AT	09.99- 04.07	116272	12 1.1	A49			
							09.99-	115944	12 1.7				
			01.00- 12.07	112002	14 120		Chas. -6Y-3-765552	01.00- 12.07	111900		12 1.8		
			01.00- 12.07	112079	14 90			01.00- 12.07	113515		12 0.9		
			01.00- 12.07	113340	14 70		A25	01.00- 12.07	115336		12 2.2		
			01.00- 12.07	114789	14 90 A49			01.00- 12.07	114299		12 1.7		
			01.00- 12.07	115483	14 120 A49			01.00- 12.07	115612		12 1.2		
			08.00- 12.07	115483	14 120 A49			08.00- 12.07	115610		12 2.0		
			09.00-	112002	14 120 A47		AT	09.00-	111823		12 1.1		
			09.00-	112079	14 90 A47			09.00-	113515		12 0.9		
Fabia 1.9 TDi	[AXR]		09.00-	113340	14 70	AT	09.00-	115376	12 1.8	A49			
			09.00-	114789	14 90 A49		09.00-	115508	12 1.7				
						10.05-	114299	12 1.7					
						AT 10.05-	115611	12 1.1					
			03.07-	112002	14 120 A47	AT	03.07-	111823	12 1.1				
			03.07-	115483	14 120 A49		03.07-	115634	12 1.8				
			03.07-	115714	14 110		10.07-	113515	12 0.9				
			10.07-	112079	14 90 A47	AT	10.07-	115376	12 1.8				
			10.07-	113340	14 70		10.07-	115508	12 1.7				
			10.07-	114789	14 90 A49	10.07-	115610	12 2.0					
Fabia 1.9 TDi	[BSW]		03.07-	112002	14 120 A47	AT	03.07-	111823	12 1.1	A49			
			10.07-	112079	14 90 A47		10.07-	113515	12 0.9				
			10.07-	113340	14 70	AT	10.07-	115376	12 1.8				
			10.07-	114789	14 90 A49		10.07-	115508	12 1.7				
			10.07-	115483	14 120 A49	10.07-	115610	12 2.0					
		Fabia 1.9 TDi RS	[ASZ]		06.03-	112002	14 120 A47	Chas. -6Y-5-240000	06.03-		112438	12 2.0	A49
					06.03-	112079	14 90 A47		06.03-		113515	12 0.9	
					06.03-	113340	14 70	Manual gearbox	06.03-		115560	12 1.7	
					06.03- 10.05	114789	14 90 A49		06.03- 10.05		115508	12 1.7	
					06.03- 10.05	115483	14 120 A49	06.03- 10.05	115696		12 1.1		
	10.05- 04.07			112002	14 120 A47	AT	10.05- 04.07	111823	12 1.1				
	10.05- 04.07			112079	14 90 A47		10.05- 04.07	113515	12 0.9				
	10.05- 04.07			113340	14 70	A25	10.05- 04.07	115336	12 2.2				
	10.05- 04.07			114789	14 90 A49		10.05- 04.07	114299	12 1.7				
	10.05- 04.07			115483	14 120 A49	AT	10.05- 04.07	115611	12 1.1				
Fabia 2.0	[AQY]		06.99- 03.02	115483	14 120 A49		06.99- 03.02	115944	12 1.7	A49			
			12.99-	111989	14 90		12.99-	112388	12 1.0				
			12.99-	112002	14 120 A47		12.99-	112435	12 1.1				
			11.00-	111989	14 90		11.00-	112388	12 1.0				
			11.00-	112075	14 70	Chas. -6Y-3-765552	11.00-	111900	12 1.8				
			05.04- 12.07	113874	14 110		05.04- 12.07	114034	12 1.0				
			05.04- 12.07	116587	14 110								
			05.04- 12.07	110913	14 70	AT	05.04- 12.07	111823	12 1.1				
			AC 05.04- 12.07	112274	14 90		05.04- 12.07	113515	12 0.9				
		Favorit 1.3	[135B]	12.92- 06.97	110622	14 70		12.92- 06.97	111214		12 1.0	A49	
[136B]	12.92- 06.97		110622	14 70		12.92- 06.97	111214	12 1.0					
[136L]	09.88- 09.94		110622	14 70		09.88- 09.94	111214	12 1.0					
[781.135]	09.88- 09.94		110622	14 70		09.88- 09.94	111214	12 1.0					
[781.135E]	09.88- 09.94		110622	14 70		09.88- 09.94	111214	12 1.0					
[OHV]	09.88- 09.94		110622	14 70		09.88- 09.94	111214	12 1.0					
Favorit 1.3	[781.135]		01.89- 08.95	110622	14 70		01.89- 08.95	111214	12 1.0	A49			
	[781.13540]		10.90- 12.92	110622	14 70		10.90- 12.92	111214	12 1.0				
	[AMJ]		08.95- 03.98	110622	14 70		08.95- 03.98	111214	12 1.0				
			ACPS 10.94- 03.98	112387	14 90								
	[135B]	10.94- 12.98	110622	14 70	Change pulley	10.94- 12.98	111214	12 1.0					
		PS 10.94-	112387	14 90									
	[135L]	10.94- 07.96	110622	14 70		10.94- 07.96	111214	12 1.0					
		ACPS 10.94- 03.98	112387	14 90									
	[136B]	10.94- 12.98	110622	14 70	Change pulley	10.94- 12.98	111214	12 1.0					
		PS 10.94-	112387	14 90									
Favorit 1.3	[AMG]	PS 08.96- 12.98	112387	14 90					A49				
	[AMH]	08.96- 12.98	110622	14 70		08.96- 12.98	111214	12 1.0					
		PS 03.98- 06.01	112387	14 90									
	[AMJ,135L]	11.95- 11.00	110622	14 70		11.95- 11.00	111214	12 1.0					
		11.95- 11.00	112387	14 90									
	Felicia 1.3	[135B]	06.97-	110622	14 70		06.97-	111214		12 1.0	A49		
			ACPS 06.97-	112387	14 90								
		[135M]	06.97-	110622	14 70		06.97-	111214		12 1.0			
			ACPS 06.97-	112387	14 90								
		[136B]	06.97-	110622	14 70		06.97-	111214		12 1.0			
		ACPS 06.97-	112387	14 90									
[136M]		11.94-	110622	14 70		11.94-	111214	12 1.0					
		06.97-	112387	14 90									
[AMG]		06.97-	110622	14 70		06.97-	111214	12 1.0					
		06.97-	112387	14 90									
Felicia 1.3	[AMH]		06.97-	110622	14 70		06.97-	111214	12 1.0	A49			
			06.97-	112387	14 90								
		Felicia 1.3 LX	[135B]		11.94- 12.98	110622	14 70	Change pulley	11.94- 12.98		111214	12 1.0	
					08.95-	112387	14 90						



Felicia 1.3 LXi	[AMG]	08.96- 12.98	110622	14 70	Change pulley	08.96- 12.98	111214	12 1.0
	[136B]	11.94- 12.98	110622	14 70	Change pulley	11.94- 12.98	111214	12 1.0
	PS	08.95-	112387	14 90				
Felicia 1.6	[AMH]	ACPS 08.95- 03.98	112387	14 90				
	[AEE]	05.95- 08.01	111352	14 70		05.95- 08.01	111214	12 1.0
		03.98- 06.01	111353	14 70				
Felicia 1.6 GLX		03.98- 06.01	111477	14 90				
	PS	06.97-	111820	14 90				
		08.95-	111352	14 70		08.95-	111214	12 1.0
Felicia 1.6 LX		08.95-	111820	14 90		08.95-	112236	12 1.8
	PS	08.95-	111477	14 90				
	AC	08.95-	111352	14 70		08.95- 03.98	111214	12 1.0
Felicia 1.9 Diesel		08.95- 03.98	111820	14 90		08.95- 03.98	112236	12 1.8
	PS	08.95- 03.98	111477	14 90				
	AC	08.95- 03.98	111676	14 90		09.96-	112236	12 1.8
Felicia Cube Van 1.3	[AEF]	09.96-	111676	14 90		09.96-	112236	12 1.8
	[AMH]	03.97- 06.98	110622	14 70		03.97- 06.98	111214	12 1.0
		03.97- 06.98	112387	14 90				
Felicia Cube Van 1.6		06.98- 12.01	111352	14 70		06.98- 12.01	111214	12 1.0
		06.98- 12.01	111820	14 90		06.98- 12.01	112236	12 1.8
	PS	06.98- 12.01	111353	14 70				
Felicia Cube Van 1.9 Diesel		06.98- 12.01	111477	14 90				
	AC	06.98- 12.01	111676	14 90				
		03.97- 12.01	110622	14 70		12.91- 12.95	111214	12 1.0
Forman 1.3	[781.135]	12.91- 12.95	110622	14 70		12.92- 12.95	111214	12 1.0
	[781.135E]	12.92- 12.95	110622	14 70		08.91- 12.95	111214	12 1.0
	[OHC]	08.91- 12.95	110622	14 70		08.91- 06.95	112388	12 1.0
Kamq 1.0 CNG		11.19-	116193	14 140		11.19-	115560	12 1.7
		11.19-	116231	12 110	AT, 7 Speed	11.19-	116272	12 1.1
		11.19-	116298	14 140	6 Speed	11.19-	115818	12 1.1
Kamq 1.0 TSI		11.19-	116619	14 110				
		07.19-	116193	14 140	5 Speed	07.19-	115560	12 1.7
		07.19-	116231	12 110	AT	07.19-	116272	12 1.1
Kamq 1.0 TSI		07.19-	116298	14 140	AT, 7 Speed	07.19-	115944	12 1.7
		07.19-	116619	14 110				
	[DKRF]	07.19-	116231	12 110	AT, 7 Speed	07.19-	116272	12 1.1
Kamq 1.5 TSI		07.19-	116619	14 110				
		07.19-	116193	14 140	5 Speed	07.19-	115560	12 1.7
		07.19-	116231	12 110	A25	07.19-	115336	12 2.2
Kamq 1.6 TDI		07.19-	116298	14 140		07.19-	115944	12 1.7
		07.19-	116619	14 110	AT and Start/Stop	07.19-	115610	12 2.0
		07.19-	115898	14 140		07.19-	115560	12 1.7
Kamq 1.6 SRE		07.19-	116359	14 140		07.19-	115818	12 1.1
		07.19-	116232	14 110	AT	07.19-	116272	12 1.1
		07.19-	116383	14 140		07.19-	115696	12 1.1
Karoq 1.0 TSI		07.17-	116228	12 180		07.17-	115560	12 1.7
		07.17-	116229	12 180		07.17-	115336	12 2.2
		07.17-	116231	12 110	AT and Start/Stop	07.17-	116156	12 2.0
Karoq 1.4 TSI		07.17-	116298	14 140	AT and Start/Stop	07.17-	116272	12 1.1
		09.19-	116193	14 140		09.19-	115560	12 1.7
		09.19-	116228	12 180		09.19-	115402	12 1.8
Karoq 1.4 TSI		09.19-	116229	12 180		09.19-	116156	12 2.0
		09.19-	116231	12 110		09.19-	116272	12 1.1
		09.19-	116298	14 140		09.19-	115944	12 1.7
Karoq 1.4 TSI TSI 4x4		09.19-	116298	14 140		09.19-	115944	12 1.7
		09.19-	116193	14 140	Manual gearbox	09.19-	115560	12 1.7
		09.19-	116228	12 180		09.19-	115402	12 1.8
Karoq 1.5 TSI		09.19-	116231	12 110		09.19-	116272	12 1.1
		09.19-	116298	14 140		09.19-	115818	12 1.1
		09.19-	116619	14 110	AT	09.19-	115634	12 1.8
Karoq 1.5 TSI		07.17-	116228	12 180		07.17-	115402	12 1.8
		07.17-	116229	12 180		07.17-	116720	12 1.4
		07.17-	116298	14 140	A25	07.17-	116272	12 1.1
Karoq 1.5 TSI 4x4		07.17-	116193	14 140		07.17-	115560	12 1.7
		07.17-	116228	12 180		07.17-	115402	12 1.8
		07.17-	116229	12 180		07.17-	116720	12 1.4
Karoq 1.6 TDI		07.17-	116231	12 110		07.17-	116156	12 2.0
		07.17-	116298	14 140		07.17-	115944	12 1.7
		07.17-	114322	14 140		07.17-	115539	12 2.0 A49
Karoq 1.6 SRE		07.17-	116647	14 140	AT	07.17-	115638	12 1.7
		07.17-	116717	14 140				
		06.20-	116232	14 110	AT	06.20-	116272	12 1.1
Karoq 2.0 TDi		06.20-	116383	14 140	A25	06.20-	115818	12 1.1
		07.17-	114322	14 140		07.17-	115539	12 2.0 A49
		07.17-	116384	14 180	A25	07.17-	115818	12 1.1
Karoq 2.0 TDi 4x4		07.17-	116647	14 140		07.17-	115612	12 1.2
		07.17-	114322	14 140	AT and Start/Stop	07.17-	115539	12 2.0 A49
		07.17-	116647	14 140	A25	07.17-	115610	12 2.0
Karoq 2.0 TDi 4x4		07.17-	116717	14 140				
		07.17-	116647	14 140	AT	07.17-	115612	12 1.2
		07.17-	116647	14 140				
Kodiaq 1.4 TSI		04.19-	116387	14 140		04.19-	115696	12 1.1
		10.16-	116717	14 140				
		10.16-	116717	14 140				
Kodiaq 1.4 TSI 4x4		10.16-	116717	14 140				
		10.16-	116717	14 140				
		10.16-	116717	14 140				
Kodiaq 1.5 TSI		07.18-	116193	14 140	A25 and DKG	07.18-	115561	12 1.7
		07.18-	116231	12 110		07.18-	116097	12 2.0
		07.18-	116298	14 140		07.18-	115696	12 1.1
Kodiaq 1.5 TSI 4x4		07.18-	116193	14 140		07.18-	115561	12 1.7
		07.18-	116231	12 110		07.18-	115900	12 1.1
		07.18-	116298	14 140		07.18-	115696	12 1.1
Kodiaq 2.0 TDi		10.16-	116717	14 140				
		03.17-	116647	14 140				
		10.16-	116717	14 140				
Kodiaq 2.0 TDi		03.17-	116647	14 140				
		10.16-	116717	14 140				
		03.17-	116647	14 140				
Kodiaq 2.0 TDi 4X4		04.17-	114322	14 140		04.17-	115560	12 1.7
		04.17-	116384	14 180		04.17-	115696	12 1.1
		04.17-	116647	14 140				



SCODA Continued

	[CUAA]	11.18-	115898	14 140	A25	11.18-	115560	12 1.7	
		11.18-	116195	14 180	A25	11.18-	115402	12 1.8	
		11.18-	116206	12 110		11.18-	116156	12 2.0	
	[DFGA]	10.16-	116717	14 140					
		03.17-	114322	14 140		03.17-	115560	12 1.7	
		03.17-	116647	14 140					
	[DFHA]	10.16-	116717	14 140		03.17-	115539	12 2.0	A49
		03.17-	114322	14 140					
		03.17-	116647	14 140					
Kodiaq 2.0 TSi 4x4	[CZPA]	10.16-	116717	14 140					
	[DKZA]	02.19-	116386	14 140		02.19-	115696	12 1.1	
		02.19-	116387	14 140	AT	02.19-	115638	12 1.7	
Octavia 1.0 TSi	[CHZD]	05.16-	116619	14 110		05.16-	115638	12 1.7	
						05.16-	115612	12 1.2	
Octavia 1.2 TSi	[CBZB]	02.10-	115765	14 140	AT	02.10-	116272	12 1.1	
		02.10-	116207	14 110		02.10-	115818	12 1.1	
						02.10-	115945	12 1.4	
	[CJZA]	11.12-	115916	14 140	AT	11.12-	116272	12 1.1	
						11.12-	116097	12 2.0	
						11.12-	115612	12 1.2	
	[CJZB]	11.12-	115916	14 140	AT	11.12-	116272	12 1.1	
		11.12-	116753	14 110		11.12-	116097	12 2.0	
						11.12-	115612	12 1.2	
	[CYVB]	05.15-	116619	14 110		05.15-	115634	12 1.8	
Octavia 1.4	[AMD]	AC 04.99-	112273	14 70		04.99-	113842	12 1.7	
	[AXP]	08.00-	112075	14 70		08.00-	113773	12 1.1	
		AC 08.00-	111989	14 90		08.00-	112005	12 1.1	
	[BCA]	05.04- 05.06	116587	14 110		05.04- 05.06	115634	12 1.8	
		06.04-	111989	14 90		06.04-	112005	12 1.1	
		06.04-	112075	14 70	AT	06.04-	113773	12 1.1	
	[BUD]	06.04-	113874	14 110		06.04-	115560	12 1.7	
		06.04-	116587	14 110		06.04-	115634	12 1.8	
	[CCGA]	05.06-	113874	14 110		05.06-	115560	12 1.7	
		05.06-	116587	14 110	AT, 7 Speed	05.06-	115634	12 1.8	
Octavia 1.4 16V	[AXP]	06.04-	113874	14 110		06.04-	115560	12 1.7	
		06.04-	116587	14 110	AT, 7 Speed	06.04-	115634	12 1.8	
	[BCA]	09.00-	112075	14 70	AT, 6 Speed	09.00-	113509	12 1.7	
		AC 09.00-	111989	14 90		09.00-	112286	12 1.7	
	[CAXA]	09.00-	112075	14 70		09.00-	113773	12 1.1	
		09.00-	113887	14 90		09.00-	115560	12 1.7	
	[CHPA]	11.08-	114884	14 140		11.08-	115504	12 1.1	A49
		11.12-	115916	14 140		11.12-	116097	12 2.0	
		11.12-	116753	14 110		11.12-	115612	12 1.2	
	[CHPB]	08.14-	116619	14 110		08.14-	115634	12 1.8	
						08.14-	115638	12 1.7	
Octavia 1.4 TSi G-TEC	[CZDA]	08.14-	116619	14 110		08.14-	115638	12 1.7	
Octavia 1.4 TSi G-TEC	[CPWA]	11.13-	115916	14 140		11.13-	116097	12 2.0	
		11.13-	116753	14 110		11.13-	115612	12 1.2	
Octavia 1.5 TSi G-TEC	[DHFA]	01.19-	116193	14 140		01.19-	115945	12 1.4	
		01.19-	116228	12 180		01.19-	115818	12 1.1	
		01.19-	116229	12 180					
		01.19-	116298	14 140					
Octavia 1.6	[CCSA]	01.08-	113992	14 140		01.08-	115402	12 1.8	
						01.08-	115503	12 1.8	A49
		01.08-	113992	14 140		01.08-	115612	12 1.2	
Octavia 1.6 LPG	[CMXA]								
Octavia 1.6 TDi	[CHGA]	08.09-	111989	14 90		08.09-	111909	12 1.1	
	[CAYC]	06.09-	113992	14 140		06.09-	115311	12 2.0	
		06.09-	115370	14 110	DKG	06.09-	116156	12 2.0	
	[CLHA]	11.12-	115898	14 140		11.12-	115900	12 1.1	
		11.12-	116717	14 140		11.12-	116097	12 2.0	
						11.12-	115610	12 2.0	
	[CLHB]	11.12-	115898	14 140		11.12-	115638	12 1.7	
		11.12-	116373	14 140		11.12-	115900	12 1.1	
		11.12-	116647	14 140		11.12-	116097	12 2.0	
	[CRKB]	11.12-	116647	14 140		11.12-	115818	12 1.1	
		11.12-	116717	14 140		11.12-	115638	12 1.7	
						11.12-	115610	12 2.0	
	[DDYA]	05.13-	115898	14 140		05.13-	115944	12 1.7	
		05.13-	116373	14 140		05.13-	115818	12 1.1	
		05.13-	116647	14 140		05.13-	115638	12 1.7	
Octavia 1.6 TDi 4x4	[CAYC]	05.13-	116717	14 140	AT and Start/Stop	05.13-	115610	12 2.0	
		02.17-	116647	14 140		02.17-	115638	12 1.7	
	[CLHA]	06.09-	113992	14 140		06.09-	115311	12 2.0	
		06.09-	115370	14 110	DKG	06.09-	116156	12 2.0	
	[CLHB]	11.12-	115898	14 140		11.12-	115900	12 1.1	
		11.12-	116717	14 140		11.12-	115610	12 2.0	
						11.12-	115638	12 1.7	
	[CXXB]	05.15-	115898	14 140		05.15-	115944	12 1.7	
		05.15-	116359	14 140	AT	05.15-	115944	12 1.7	
		05.15-	116373	14 140		05.15-	115818	12 1.1	
	[DGTE]	05.15-	116647	14 140		05.15-	115696	12 1.1	
		05.15-	116717	14 140		05.15-	115638	12 1.7	
						05.15-	115612	12 1.2	
Octavia 1.6	[AEE]	02.17-	114322	14 140		02.17-	115503	12 1.8	A49
		02.17-	115898	14 140	AT	02.17-	115944	12 1.7	
		02.17-	116195	14 180		02.17-	115945	12 1.4	
	[AEE]	02.17-	116206	12 110		02.17-	115818	12 1.1	
		02.17-	116359	14 140		02.17-	115634	12 1.8	
		02.17-	116384	14 180		02.17-	115638	12 1.7	
	[AEE]	02.17-	116647	14 140					
	[AEE]	Chas. -1U-W-113660	09.96-	111820	14 90	5 Speed	09.96- 09.00	112429	12 2.0
		Chas. 1U-W-113661-	09.96- 09.00	111989	14 90	AT	09.96- 09.00	111748	12 1.1
		Chas. 1U-W-113661-	09.96- 09.00	112075	14 70	AT	07.98-	112286	12 1.7
	[AEE]					09.96-	112388	12 1.0	



	[AEH]	02.97- 02.97- 09.04 06.98- 06.98-	112002 115483 111989 112075	14 120 A47 14 120 A49 14 90 14 70	AT	02.97- 02.97- 09.04 02.97- 06.98- 06.98- 07.98- 07.98-	111909 114174 115504 112429 111748 112005 113773	12 1.1 12 1.1 12 1.1 12 2.0 12 1.1 12 1.1 12 1.1	A49	
	[AKL]	08.00- 02.97- 06.98- 06.98-	115483 112002 111989 112075	14 120 A49 14 120 A47 14 90 14 70		08.00- 02.97- 06.98- 06.98- 07.98-	115504 111909 112429 111748 112286	12 1.1 12 1.1 12 2.0 12 1.1 12 1.7	A49	
	[AVU]	09.00- 09.00- 09.00- 04.02	111989 112002 115483	14 90 14 120 14 120 A49	AT AT	09.00- 09.00- 09.00- 04.02	112286 111909 115508	12 1.7 12 1.1 12 1.7	A49	
	[BFQ]	08.00- 09.00- 09.00-	115483 111989 112002	14 120 A49 14 90 14 120		08.00- 09.00- 09.00-	114176 112005 111900	12 1.0 12 1.1 12 1.8		
	[BGU]	06.04- 06.04- 06.04-	111989 113992 115621	14 90 14 140 14 110		06.04- 06.04- 06.04- 06.04-	112005 115376 115560 116156 116272	12 1.1 12 1.8 12 1.7 12 2.0 12 1.1		
	[BSE]	06.04- 06.04- 06.04-	111989 113992 115621	14 90 14 140 14 110		06.04- 06.04- 06.04-	112005 115376 116272	12 1.1 12 1.8 12 1.1		
	[BSF]	06.04- 06.04- 06.04-	111989 113992 115621	14 90 14 140 14 110		06.04- 06.04- 06.04- 06.04- 06.04-	112005 115311 115402 116156 116272	12 1.1 12 2.0 12 1.8 12 2.0 12 1.1		
	[CCSA]	06.04- 06.04- 06.04-	111989 113992 115621	14 90 14 140 14 110		06.04- 06.04- 06.04- 06.04- 06.04- 06.04-	111909 112005 115311 115560 116272 116156	12 1.1 12 1.1 12 2.0 12 1.7 12 1.1 12 2.0		
	[CMXA]	06.04- 06.04- 06.04-	111989 113992 115621	14 90 14 140 14 110	AT A25 AT	06.04- 06.04- 06.04- 06.04-	111909 115336 116272 115612	12 1.1 12 2.2 12 1.1 12 1.2		
	Octavia 1.6 FSi	[BLF]	06.04-	114769	14 110		06.04- 06.04-	115503 115504	12 1.8 12 1.1	A49 A49
	Octavia 1.6 SRE	[CWVA]	07.20- 07.20-	116232 116383	14 110 14 140		07.20- 07.20-	115818 115696	12 1.1 12 1.1	
	Octavia 1.8	[AGN]	09.96- 09.96-	111820 111989	14 90 14 90		09.96- 09.96-	112429 112005	12 2.0 12 1.1	
	Octavia 1.8 20V	[AGN]	07.98- 07.98-	111820 111989	14 90 14 90		07.98- 07.98-	112429 112286	12 2.0 12 1.7	
	Octavia 1.8 TSi	[BZB]	06.07-	114722	14 140		06.07-	115503	12 1.8	A49
		[CDAB]	03.09-	114722	14 140		03.09-	115503	12 1.8	A49
		[CDAA]	06.07-	114722	14 140		06.07- 06.07-	115503 115612	12 1.8 12 1.2	A49
	Octavia 1.8 TSi 4x4	[CDAB]	03.09-	114722	14 140		03.09-	115503	12 1.8	A49
	Octavia 1.8 Turbo 20V RS	[AUQ]	08.00- 09.04 01.01- 05.01-	115483 111989 112002	14 120 A49 14 90 14 120		08.00- 09.04 01.01- 05.01-	114176 112005 111900	12 1.0 12 1.1 12 1.8	
	Octavia 1.8 Turbo	[AGU]	08.97- 08.97- 08.97- 03.98-	111989 112002 115483 112075	14 90 14 120 A47 14 120 A49 14 70	AT AT 08.97- AT	08.97- 08.97- 08.97- 03.98-	112286 111909 115504 111748	12 1.7 12 1.1 12 1.1 12 1.1	A49
		[ARX]	08.00- 08.00- 08.00- 01.06 08.97-	111989 112075 115483 112002	14 90 14 70 14 120 A49 14 120 A47		08.00- 08.00- 08.00- 01.06 08.97- Chas. 1U-W-104431- AT	112236 113509 115508 112005 111909	12 1.8 12 1.7 12 1.7 12 1.1 12 1.1	A49
		[ARZ]	01.00- 07.00	111989	14 90 14 90		01.00- 07.00	112005	12 1.1	
			01.00- 08.97-	112075 111820	14 70 14 90	AT AT	01.00- 08.97-	112286 113509 112429	12 1.7 12 1.7 12 2.0	
		[AUM]	08.00- 08.00- 08.00- 08.97-	111989 112075 115483 112002	14 90 14 70 14 120 A49 14 120 A47		08.00- 08.00- 08.00- AT	112005 113509 115508 111909	12 1.1 12 1.7 12 1.7 12 1.1	A49
	Octavia 1.8 Turbo 4x4	[AGU]	05.01- 08.00- 09.04 08.00- 09.04 08.00- 09.04	112002 111989 112075 115483	14 120 A47 14 90 14 70 14 120 A49		08.00- 09.04 08.00- 09.04 08.00- 09.04 08.00- 09.04 08.00- 09.04 08.00- 09.04 05.01- 05.01-	112005 112286 113509 113773 114175 115508 111900 111909	12 1.1 12 1.7 12 1.7 12 1.1 12 1.1 12 1.7 12 1.8 12 1.1	A49
		[ARX]	05.01- 05.01- 05.01- 08.00- 09.04	111989 112002 112075 115483	14 90 14 120 A47 14 70 14 120 A49		08.00- 09.04 08.00- 09.04 05.01- 05.01- 05.01- 05.01-	114174 114176 112005 111900 111909 113773	12 1.1 12 1.0 12 1.1 12 1.8 12 1.1 12 1.1	
		[AUM]	05.01- 05.01- 05.01- 08.00- 09.04	111989 112002 112075 115483	14 90 14 120 A47 14 70 14 120 A49		08.00- 09.04 08.00- 09.04 05.01- 05.01- 05.01- 05.01-	114176 114299 112005 111900 111909 113773	12 1.0 12 1.7 12 1.1 12 1.8 12 1.1 12 1.1	
	Octavia 1.8 Turbo RS	[AUQ]	08.02- 01.03- 09.04 01.03- 09.04 01.03- 09.04	112002 111989 112075 115483	14 120 A47 14 90 14 70 14 120 A49		08.02- 01.03- 09.04 AT 01.03- 09.04 01.03- 09.04	111909 112286 113509 115508	12 1.1 12 1.7 12 1.7 12 1.7	A49



SCODA Continued

Octavia 1.9 Diesel	[AQM]	08.00- 12.03	112002	14 120	AT	08.00- 12.03	111748	12 1.1	A49
		08.00- 12.03	112079	14 90		08.00- 12.03	113842	12 1.7	
		08.00- 12.03	113340	14 70		08.00- 12.03	115560	12 1.7	
		08.00- 12.03	114789	14 90 A49		08.00- 12.03	115504	12 1.1	
		08.00- 12.03	115483	14 120 A49		08.00- 12.03	114163	12 1.1	
Octavia 1.9 SDi	[AGP]	06.97-	114789	14 90 A49	AT	06.97-	115504	12 1.1	A49
		06.98- 07.00	115483	14 120 A49		07.98- 12.03	111909	12 1.1	
		07.98- 12.03	112002	14 120		07.98- 12.03	114034	12 1.0	
		07.98- 12.03	112079	14 90		07.98- 07.00	115508	12 1.7	
		Chas. 1UW113661- 06.98-	113340	14 70		06.97-	113773	12 1.1	
	[AQM]	06.97-	114789	14 90 A49	AT	06.98-	113842	12 1.7	A49
		06.98-	113340	14 70		08.00-	111748	12 1.1	
		08.00-	112002	14 120 A47		08.00-	113841	12 1.7	
		08.00-	112079	14 90 A47		08.00- 12.03	114176	12 1.0	
		08.00- 12.03	115483	14 120 A49		08.00- 12.03	115508	12 1.7	
						06.97-	111909	12 1.1	
						06.97-	114034	12 1.0	
						06.97-	115504	12 1.1	
						06.98-	113842	12 1.7	
						07.98-	115560	12 1.7	
						08.00-	115560	12 1.7	
						08.00-	114163	12 1.1	
						09.96-	111748	12 1.1	
						09.96-	113841	12 1.7	
						09.96-	115504	12 1.1	
						07.98-	113842	12 1.7	
						10.99-	114176	12 1.0	
						08.97-	111909	12 1.1	
						08.97-	113773	12 1.1	
						08.97-	113842	12 1.7	
Octavia 1.9 TDi	[AGR]	08.00-	113340	14 70	AT	08.00-	115560	12 1.7	A49
		08.00-	115483	14 120 A49		08.00-	114163	12 1.1	
		09.96-	112002	14 120 A47		09.96-	111748	12 1.1	
		09.96-	112079	14 90 A47		09.96-	113841	12 1.7	
		09.96-	114789	14 90 A49		09.96-	115504	12 1.1	
	[AHF]	08.97-	112002	14 120 A47	AT	07.98-	114176	12 1.0	A49
		08.97-	112079	14 90 A47		08.97-	111909	12 1.1	
		08.97-	113340	14 70		08.97-	113773	12 1.1	
		08.97- 09.04	114789	14 90 A49		08.97- 09.04	113842	12 1.7	
		08.97- 01.06	115483	14 120 A49		08.97- 09.04	115504	12 1.1	
	[ALH]	08.00- 03.10	112002	14 120	AT	08.00- 03.10	111748	12 1.1	A49
		08.00- 03.10	112079	14 90		08.00- 03.10	113842	12 1.7	
		08.00- 03.10	113340	14 70		08.00- 03.10	115560	12 1.7	
		08.00- 03.10	114789	14 90 A49		08.00- 03.10	115504	12 1.1	
		08.00- 03.10	115483	14 120 A49		08.00- 03.10	114163	12 1.1	
	[ASV]	08.00- 09.04	112002	14 120	6 Speed DKG	08.00- 09.04	115508	12 1.7	A49
		08.00- 09.04	112079	14 90		08.00- 09.04	114034	12 1.0	
		08.00- 09.04	113340	14 70		08.00- 09.04	111909	12 1.1	
		08.00- 09.04	114789	14 90 A49		08.00- 09.04	115504	12 1.1	
		08.00- 01.06	115483	14 120 A49		08.00- 01.06	115508	12 1.7	
	[ASZ]	01.03-	112002	14 120 A47	DKG	08.00- 09.04	114176	12 1.0	A49
		01.03-	112079	14 90 A47		07.98-	111909	12 1.1	
		01.03-	113340	14 70		01.03-	111900	12 1.8	
		01.03-	114789	14 90 A49		01.03-	113841	12 1.7	
		01.03- 09.04	115483	14 120 A49		01.03-	115539	12 2.0	
	[ATD]	08.00-	112002	14 120 A47	DKG	01.03-	115504	12 1.1	A49
		08.00-	112079	14 90 A47		01.03- 09.04	114176	12 1.0	
		08.00-	113340	14 70		08.00-	111748	12 1.1	
		08.00-	114789	14 90 A49		08.00-	113841	12 1.7	
		08.00- 01.06	115483	14 120 A49		08.00-	115539	12 2.0	
	[AXR]	08.00-	112002	14 120 A47	DKG	08.00-	115504	12 1.1	A49
		08.00-	112079	14 90 A47		08.00- 01.06	114176	12 1.0	
		08.00-	113340	14 70		08.00-	111748	12 1.1	
		08.00-	114789	14 90 A49		08.00-	113841	12 1.7	
		08.00-	115483	14 120 A49		08.00-	115539	12 2.0	
	[BJB]	06.04-	113992	14 140	DKG	08.00-	115504	12 1.1	A49
		06.04-	115370	14 110		08.00-	114176	12 1.0	
	[BKC]	06.04-	113992	14 140	DKG	06.04-	115560	12 1.7	A49
		06.04-	115370	14 110		06.04-	114163	12 1.1	
	[BLS]	06.04-	113992	14 140	DKG	06.04-	115561	12 1.7	A49
		06.04-	115370	14 110		06.04-	114163	12 1.1	
	[BXE]	03.06-	113992	14 140	DKG	06.04-	115402	12 1.8	A49
		03.06-	115370	14 110		06.04-	116720	12 1.4	
Octavia 1.9 TDi 4x4	[AGR]	08.00-	113340	14 70	A25	04.07-	114163	12 1.1	A49
		08.00- 09.00	115483	14 120 A49		03.06-	115402	12 1.8	
		11.99-	112002	14 120 A47		03.06-	114163	12 1.1	
		11.99-	112079	14 90 A47		08.00-	113842	12 1.7	
		11.99- 09.00	114789	14 90 A49		08.00- 09.00	115504	12 1.1	
	[ATD]	09.00-	112002	14 120 A47	AT	11.99-	111909	12 1.1	A49
		09.00-	112079	14 90 A47		11.99-	114034	12 1.0	
		09.00-	113340	14 70					
		09.00-	114789	14 90 A49					
		09.00- 01.06	115483	14 120 A49					
	[BKC]	11.04-	113992	14 140	AT	09.00-	111909	12 1.1	A49
		11.04-	115370	14 110		09.00-	114034	12 1.0	
	[BLS]	05.06-	113992	14 140	AT	09.00-	114034	12 1.7	A49
		05.06-	115370	14 110		09.00-	113842	12 1.1	
	[BXE]	03.06-	113992	14 140	AT	09.00-	115504	12 1.1	A49
		03.06-	115370	14 110		09.00-	115504	12 1.1	
Octavia 2.0 TDi 16V	[AZV]	02.04-	113992	14 140	AT	09.00-	115504	12 1.1	A49
		02.04-	115370	14 110		09.00-	115504	12 1.1	
	[BKD]	06.04-	113992	14 140	AT	09.00-	115504	12 1.1	A49
		06.04-	115370	14 110		09.00-	115504	12 1.1	
	[CFHC]	06.04-	113992	14 140	AT	09.00-	115504	12 1.1	A49
		06.04-	115370	14 110		09.00-	115504	12 1.1	
						09.00-	115504	12 1.1	



	[CLCB]	06.04-	113992	14 140		06.04-	115503	12 1.8	A49
		06.04-	115370	14 110		06.04-	116156	12 2.0	
Octavia 2.0 TDi 16V 4x4	[BMM]	07.06-	113992	14 140	A25	07.06-	115402	12 1.8	
		07.06-	115370	14 110		07.06-	114163	12 1.1	
Octavia 2.0 TDi	[BMM]	11.05-	113992	14 140	A25	11.05-	115402	12 1.8	
		11.05-	115370	14 110		11.05-	115561	12 1.7	
	[BMN]	04.06- 05.08	113992	14 140	A25	04.06- 05.08	115402	12 1.8	
		04.06- 05.08	115370	14 110		04.06- 05.08	114163	12 1.1	
	[CEGA]	04.06-	113992	14 140		04.06-	115311	12 2.0	
		04.06-	115370	14 110	DKG	04.06-	116156	12 2.0	
	[CFHF]	03.10-	113992	14 140	A25	03.10-	115336	12 2.2	
		11.12-	115898	14 140		11.12-	115900	12 1.1	
	[CKFB]	11.12-	116717	14 140		11.12-	115610	12 2.0	
		11.12-				11.12-	115638	12 1.7	
	[CKFC]	11.12-	115898	14 140		11.12-	115900	12 1.1	
		11.12-	116647	14 140		11.12-	115944	12 1.7	
	[CLCA]	11.12-	116717	14 140	A25	11.12-	115610	12 2.0	
		03.10-	113992	14 140		03.10-	115336	12 2.2	
	[CRVC]	11.12-	115898	14 140		11.12-	115944	12 1.7	
		11.12-	116717	14 140		11.12-	115610	12 2.0	
	[CUNA]	05.13-	115898	14 140	AT	05.13-	115944	12 1.7	
		05.13-	116647	14 140		05.13-	115638	12 1.7	
	[CUPA]	05.13-	116717	14 140	AT	05.13-	115611	12 1.1	
		05.13-	115898	14 140		05.13-	115900	12 1.1	
Octavia 2.0 TDi 4x4	[CFHC]	05.10-	113992	14 140		05.10-	115311	12 2.0	
		05.11-	113992	14 140		05.11-	115336	12 2.2	
	[CKFC]	11.12-	115898	14 140		11.12-	115900	12 1.1	
		11.12-	116373	14 140		11.12-	115818	12 1.1	
		11.12-	116647	14 140		11.12-	115638	12 1.7	
		11.12-	116717	14 140	A25	11.12-	115610	12 2.0	
	[CUNA, CUPA]	05.13-	116717	14 140	AT	05.13-	115944	12 1.7	
		09.14-	115898	14 140		09.14-	115638	12 1.7	
	[CUPA]	05.13-	116717	14 140		05.13-	115612	12 1.2	
		09.14-	115898	14 140	AT	09.14-	115944	12 1.7	
	[CUPA, CUNA]	09.14-	116647	14 140		09.14-	115638	12 1.7	
		09.14-	116717	14 140	AT	09.14-	115612	12 1.2	
Octavia 2.0	[AEG]	04.99-	111989	14 90		08.00- 01.05	114175	12 1.1	
		04.99-	112002	14 120 A47		08.00- 01.05	114299	12 1.7	
	[APK]	04.99-	112075	14 70		04.99-	112005	12 1.1	
		08.00- 01.05	115483	14 120 A49		04.99-	111900	12 1.8	
						04.99-	111909	12 1.1	
						04.99-	113773	12 1.1	
	[ATF]	04.99-	111989	14 90	AT	04.99-	112286	12 1.7	
		04.99-	112002	14 120 A47		04.99-	111909	12 1.1	
	[AZH]	04.99-	112075	14 70	AT, 6 Speed	04.99-	111748	12 1.1	
		04.99-	115483	14 120 A49		04.99-	113509	12 1.7	
	[AZJ]	04.99-	111989	14 90		04.99-	113773	12 1.1	
		04.99-	112002	14 120 A47		04.99-	114163	12 1.1	
		04.99-	112075	14 70		04.99-	115504	12 1.1	A49
		04.99- 03.02	115483	14 120 A49	AT	04.99-	112005	12 1.1	
	[ATF]	01.00-	111989	14 90		01.00-	112286	12 1.7	
		01.00-	112002	14 120 A47		01.00-	111909	12 1.1	
	[AZH]	01.00-	112075	14 70		01.00-	111749	12 1.1	
		01.00-	115483	14 120 A49		01.00-	113773	12 1.1	
Octavia 2.0 4x4	[AEG]	08.00- 01.05	111989	14 90		08.00- 01.05	114175	12 1.1	
		08.00- 01.05	112075	14 70		08.00- 01.05	114299	12 1.7	
	[AQU]	08.00- 01.05	115483	14 120 A49		08.00- 01.05	112005	12 1.1	
		05.01-	112002	14 120 A47		05.01-	111900	12 1.8	
	[AZH]	08.00- 03.02	111989	14 90	AT	08.00- 03.02	112286	12 1.7	
		08.00- 03.02	112075	14 70		08.00- 03.02	113509	12 1.7	
		08.00- 03.02	115483	14 120 A49		08.00- 03.02	115508	12 1.7	A49
		05.01-	112002	14 120 A47	AT	05.01-	111909	12 1.1	
	[AZH]	08.00- 09.04	111989	14 90		08.00- 09.04	112005	12 1.1	
		08.00- 09.04	112075	14 70	AT	08.00- 09.04	113773	12 1.1	
		08.00- 09.04	115483	14 120 A49		08.00- 09.04	114176	12 1.0	
		05.01-	112002	14 120 A47		05.01-	111900	12 1.8	



SCODA Continued

	[AZJ]	05.01- 03.02- 09.04 03.02- 09.04 03.02- 09.04	112002 111989 112075 115483	14 120 A47 14 90 14 70 14 120 A49		05.01- 03.02- 09.04 03.02- 09.04 03.02- 09.04	111900 112005 113773 114176	12 1.8 12 1.1 12 1.1 12 1.0
Octavia 2.0 RS	[BWA]	01.06-	113992	14 140		01.06-	115561	12 1.7
	[CCZA]	01.06-	113992	14 140		01.06-	115402	12 1.8
Octavia 2.0 FSI	[BLR]	11.04- 11.05	113992	14 140		AT 11.04- 11.05	115561	12 1.7
	[BLY]	11.04- 11.05	113992	14 140		A25 11.04- 11.05	115561	12 1.7
	[BVX]	11.05-	113992	14 140		A25 11.05-	115402	12 1.8
	[BVY]	11.05-	113992	14 140		A25 11.05-	115402	12 1.8
	[BVZ]	11.05-	113992	14 140		A25 11.05-	115402	12 1.8
Octavia 2.0 FSI 4x4	[BLX]	11.04- 11.05	113992	14 140		11.04- 11.05	115402	12 1.8
	[BLY]	11.04- 11.05	113992	14 140		11.04- 11.05	115561	12 1.7
	[BVX]	11.05-	113992	14 140		11.05-	115402	12 1.8
Octavia 2.0 TSI	[DKZA]	02.17- 02.17-	116387 116747	14 140 14 180		AT, 7 Speed 02.17- 02.17-	115634 115612	12 1.8 12 1.2
Octavia 2.0 TSI 4x4	[DKZA]	02.19- 02.19-	116387 116747	14 140 14 180		02.19- 02.19-	115634 115612	12 1.8 12 1.2
Praktik 1.2 TDi	[CFWA]					03.10-	114299	12 1.7
Praktik 1.2 TSi	[CBZA]	03.10- 03.10-	115765 116207	14 140 14 110		03.10- A25 03.10- 03.10-	114034 115336 115611	12 1.0 12 2.2 12 1.1
Rapid 1.0 TSi	[CHZB]	06.17- A25 06.17-	116298 116231	14 140 12 110				
	[CHZC]	06.17- A25 06.17-	116298 116231	14 140 12 110				
	[DKLD]	06.17- A25 06.17-	116298 116231	14 140 12 110		06.17-	115610	12 2.0
	[DKRC]	06.17- A25 06.17-	116298 116231	14 140 12 110		06.17-	115610	12 2.0
Rapid 1.2	[CGPC]	10.12-	113253	14 90		10.12-	114034	12 1.0
Rapid 1.2 Spaceback	[CGPC]	07.12-	113253	14 90		07.12-	114034	12 1.0
Rapid 1.2 TSi	[CBZA]	07.12- 10.12- 10.12- 10.12-	116207 115765 115767 116207	14 110 14 140 14 140 14 110		07.12- 10.12- 10.12- 10.12-	115696 114299 115696 114299	12 1.1 12 1.7 12 1.1 12 1.7
	[CJZC]	05.15- 05.15- 05.15- 05.15-	116193 116231 116298 116619	14 140 12 110 14 140 14 110		05.15- 05.15- 05.15- 05.15-	115944 115612	12 1.7 12 1.2
	[CJZD]	05.15- 05.15- 05.15- 05.15-	116193 116231 116298 116619	14 140 12 110 14 140 14 110		05.15- 05.15- 05.15- 05.15-	115944 115612	12 1.7 12 1.2
Rapid 1.2 TSi Spaceback	[CJZC]	05.15- 05.15- 05.15- 05.15-	116193 116231 116298 116619	14 140 12 110 14 140 14 110		05.15- 05.15- 05.15- 05.15-	115944 115612	12 1.7 12 1.2
	[CJZD]	05.15- 05.15- 05.15- 05.15-	116193 116231 116298 116619	14 140 12 110 14 140 14 110		05.15- 05.15- 05.15- 05.15-	115944 115612	12 1.7 12 1.2
Rapid 1.4 TDi	[CUSB]	05.15-	116607	14 140				
Rapid 1.4 TDi Spaceback	[CUSB]	05.15-	116607	14 140				
Rapid 1.4 TSi	[CAXA]	07.12- 07.12- 07.12-	114884 115528 116345	14 140 14 140 A49 14 140		07.12- A25 07.12- 07.12-	115560 115336	12 1.7 12 2.2
	[CZCA]	05.15- 05.15-	116193 116298	14 140 14 140		05.15-	115944	12 1.7
Rapid 1.4 TSi Spaceback	[CZCA]	05.15- 05.15-	116193 116298	14 140 14 140		05.15-	115944	12 1.7
Rapid 1.6 TDi	[CAYB]	08.13- 08.13- 08.13- 08.13-	113992 115370 115433 116036	14 140 14 110 14 140 14 140		08.13- A25 08.13- 08.13- 08.13-	114034 115560 115336 115944	12 1.0 12 1.7 12 2.2 12 1.7
		08.13-	116452	14 140		08.13-	116272	12 1.1
	[CAYC]	07.12- 07.12- 07.12- 07.12- 07.12- 10.12-	113992 115370 115433 116036 116452 114769	14 140 14 110 14 140 14 140 14 140 14 110		07.12- 07.12- 07.12- 07.12- 07.12- 10.12-	114034 115560 115336 116272 115944	12 1.0 12 1.7 12 2.2 12 1.1 12 1.7
	[CLNA]	07.12- 07.12- 07.12- 07.12- 07.12- 10.12-	113992 115370 115433 116036 116452 114769	14 140 14 110 14 140 14 140 14 140 14 110		07.12- A25 07.12- 07.12- 07.12- 07.12-	114034 115560 115336 115944	12 1.0 12 1.7 12 2.2 12 1.7
	[CXMA]	05.15- 05.15- 05.15- 05.15- 12.19	115898 116206 116359 116717	14 140 12 110 14 140 14 140		05.15- 05.15- 05.15- 05.15-	116272 115696	12 1.1 12 1.1
Rapid 1.6 TDi Spaceback	[CXMA]	05.15- 05.15- 05.15- 05.15- 12.19	115898 116206 116359 116717	14 140 12 110 14 140 14 140		05.15- 05.15- 05.15- 05.15-	116272 115696	12 1.1 12 1.1
Rapid 1.6	[CFNA]	07.13-	114769	14 110		07.13-	115560	12 1.7
Rapid 1.6 SRE	[CWVA]	05.15-	116383	14 140				
Rapid Spaceback 1.0 TSi	[CHZC]	06.17- 12.19 06.17- 12.19 06.17- 12.19	116193 116231 116619	14 140 12 110 14 110		06.17- 12.19 AT 06.17- 12.19 06.17- 12.19	115560 115944 115560	12 1.7 12 1.1 12 1.7
	[DKRC]	06.17- 12.19 06.17- 12.19 06.17- 12.19	116193 116231 116619	14 140 12 110 14 110		06.17- 12.19 AT 06.17- 12.19 06.17- 12.19	115560 116272 115944	12 1.7 12 1.1 12 1.7
Rapid Spaceback 1.6	[CFNA]	07.12-	114769	14 110		07.12-	114034	12 1.0
Roomster 1.2 TDi	[CFWA]	03.10-	115529	14 140		03.10-	115508	12 1.7 A49
Roomster 1.2	[BZG]	01.07-	113253	14 90		01.07-	114034	12 1.0



Roomster 1.2 TSi	[CGPA]	01.07-	113253	14 90		01.07-	114034	12 1.0	
	[CBZA]	03.10-	115765	14 140		03.10-	115634	12 1.8	
		03.10-	116207	14 110		03.10-	115612	12 1.2	
	[CBZB]	03.10-	115765	14 140		03.10-	115634	12 1.8	
		03.10-	116207	14 110		03.10-	115612	12 1.2	
Roomster 1.4 TDi	[BMS]	09.06-	112079	14 90 A47		09.06-	112438	12 2.0 A49	
		09.06-	115714	14 110		09.06-	114299	12 1.7	
		09.06-	115764	14 90		09.06-	116335	12 2.0	
	[BNM]	09.06-	112079	14 90 A47		09.06-	112438	12 2.0 A49	
		09.06-	115714	14 110		09.06-	114299	12 1.7	
		09.06-	115764	14 90		09.06-	116335	12 2.0	
	[BNV]	09.06-	115714	14 110		09.06-	116335	12 2.0	
		09.06-	115764	14 90		09.06-	115634	12 1.8	
Roomster 1.4	[BXW]	09.06-	113874	14 110		09.06-	114034	12 1.0	
		09.06-	116587	14 110		09.06-	114062	12 1.7	
		AC 09.06-	112274	14 90					
	[CGGB]	09.06-	113874	14 110		09.06-	113841	12 1.7	
		09.06-	116587	14 110		09.06-	114034	12 1.0	
		AC 09.06-	112274	14 90					
Roomster 1.6 TDi	[CAYB]	03.10-	113992	14 140		03.10-	113842	12 1.7	
		03.10-	115370	14 110	A25	03.10-	115336	12 2.2	
		03.10-	115433	14 140		03.10-	115508	12 1.7 A49	
		03.10-	116036	14 140	DKG	03.10-	115611	12 1.1	
		03.10-	116452	14 140		03.10-	115612	12 1.2	
	[CAYC]	03.10-	113992	14 140		03.10-	113842	12 1.7	
		03.10-	115370	14 110	A25	03.10-	115336	12 2.2	
		03.10-	115433	14 140		03.10-	115508	12 1.7 A49	
		03.10-	116036	14 140	AT	03.10-	115611	12 1.1	
		03.10-	116452	14 140		03.10-	115612	12 1.2	
Roomster 1.6	[BTS]	09.06-	114769	14 110		09.06-	113842	12 1.7	
	[CFNA]	09.06-	114769	14 110		09.06-	113842	12 1.7	
Roomster 1.9 TDi	[AXR]	03.06- 05.06	112079	14 90 A47		03.06- 05.06	113773	12 1.1	
		03.06- 05.06	113340	14 70		03.06- 05.06	114034	12 1.0	
		03.06- 05.06	114789	14 90 A49	AT	03.06- 05.06	115376	12 1.8	
	[BLS]	09.06-	112002	14 120 A47		09.06-	112438	12 2.0 A49	
		09.06-	112079	14 90 A47		09.06-	114034	12 1.0	
		09.06-	113340	14 70		09.06-	113846	12 2.2	
		09.06-	114789	14 90 A49	A25	09.06-	115336	12 2.2	
		09.06-	115483	14 120 A49		09.06-	114299	12 1.7	
		09.06-	115714	14 110		09.06-	116335	12 2.0	
		09.06-	115764	14 90					
	[BSW]	09.06-	112002	14 120 A47		09.06-	112438	12 2.0 A49	
		09.06-	112079	14 90 A47		09.06-	113773	12 1.1	
		09.06-	113340	14 70		09.06-	114034	12 1.0	
		09.06-	114789	14 90 A49	AT	09.06-	115376	12 1.8	
		09.06-	115483	14 120 A49	A25	09.06-	115336	12 2.2	
		09.06-	115714	14 110		09.06-	114299	12 1.7	
		09.06-	115764	14 90		09.06-	116335	12 2.0	
Scala 1.0 CNG	[DBYA]	11.19-	116193	14 140	A25	11.19-	115336	12 2.2	
		11.19-	116231	12 110	AT	11.19-	116272	12 1.1	
		11.19-	116298	14 140					
		11.19-	116619	14 110					
Scala 1.0 TSi	[DKLA]	02.19-	116193	14 140	6 Speed	02.19-	115560	12 1.7	
		02.19-	116231	12 110	AT, 7 Speed	02.19-	116272	12 1.1	
		02.19-	116298	14 140		02.19-	115696	12 1.1	
	[DKRF]	02.19-	116193	14 140		02.19-	115560	12 1.7	
		02.19-	116231	12 110	AT, 7 Speed	02.19-	116272	12 1.1	
		02.19-	116298	14 140	AT, 7 Speed	02.19-	115610	12 2.0	
Scala 1.5 TSi	[DADA]	02.19-	116193	14 140	6 Speed	02.19-	115336	12 2.2	
		02.19-	116231	12 110	AT, 7 Speed	02.19-	116272	12 1.1	
		02.19-	116298	14 140	AT and Start/Stop	02.19-	115610	12 2.0	
Scala 1.6 TDi	[DGTA]	02.19-	115898	14 140		02.19-	115560	12 1.7	
	[DGTD]	09.19-	115898	14 140		09.19-	115560	12 1.7	
		09.19-	116359	14 140					
Scala 1.6 SRE	[CWVA]	02.19-	116232	14 110		02.19-	115818	12 1.1	
		02.19-	116383	14 140					
Superb 1.4 TSi	[CAXC]	07.08-	114884	14 140		07.08-	115561	12 1.7	
		07.08-	115528	14 140 A49		07.08-	115311	12 2.0	
		07.08-	116345	14 140		07.08-	115610	12 2.0	
Superb 1.4 TSi 4x4	[CZDA]	03.15-	116298	14 140		03.15-	115638	12 1.7	
	[CZEA]	03.15-	116298	14 140		03.15-	115638	12 1.7	
Superb 1.5 TSi	[DADA]	02.17-	116228	12 180		02.17-	115638	12 1.7	
		02.17-	116229	12 180					
Superb 1.6 TDi	[CAYC]	09.10-	114109	14 180		09.10-	113841	12 1.7	
		09.10-	115433	14 140		09.10-	115402	12 1.8	
		09.10-	115712	14 180		09.10-	115311	12 2.0	
		09.10-	115713	14 180 A49		09.10-	115336	12 2.2	
		09.10-	115730	14 140		09.10-	116720	12 1.4	
		09.10-	116036	14 140		09.10-	115696	12 1.1	
		09.10-	116319	14 180		09.10-	115818	12 1.1	
		09.10-	116452	14 140		09.10-	115638	12 1.7	
	[DCXA]	03.15-	116359	14 140	AT	03.15-	115610	12 2.0	
		03.15-	116647	14 140		03.15-	115612	12 1.2	
		03.15-	116717	14 140					
	[DCZA]	03.15-	116359	14 140		03.15-	115610	12 2.0	
		03.15-	116647	14 140		03.15-	115612	12 1.2	
		03.15-	116717	14 140					
Superb 1.8 TSi	[BZB]	07.08-	114722	14 140		07.08-	113842	12 1.7	
	[CDAB]	03.09-	114722	14 140	A25	03.09-	115560	12 1.7	
	[CDA A]	07.08-	114722	14 140		07.08-	113842	12 1.7	
						10.09-	115560	12 1.7	
	[CJSA]	03.15-	115898	14 140	AT	03.15-	116272	12 1.1	
		03.15-	116747	14 180		03.15-	116097	12 2.0	
	[CJSC]	03.15-	115898	14 140		03.15-	116097	12 2.0	
		03.15-	116747	14 180					
Superb 1.8 TSi 4x4	[CDAB]	03.09-	114722	14 140		03.09-	115560	12 1.7	
	[CDA A]	11.08-	114722	14 140		11.08-	115539	12 2.0	
Superb 1.8 Turbo 20V	[AWT]	02.02-	112399	14 90		02.02-	111694	12 1.8	
		02.02-	113283	14 120		02.02-	113509	12 1.7	
Superb 1.9 TDi	[AVB]	02.02-	112397	14 120	Chas. -3U-4-066205	02.02-	112321	12 1.1	

SCODA Continued

	[AVF]	12.01-	112397	14 120		12.01-	111995	12 2.0
	[AWX]	12.01-	112397	14 120	Chas. -3U-4-066205	12.01-	112321	12 1.1
	[BLS]	07.08-	113992	14 140		07.08-	113509	12 1.7
		07.08-	115730	14 140		07.08-	114299	12 1.7
						10.09- 11.10	114096	12 2.0
						10.09- 11.10	116156	12 2.0
	[BXE]	07.08-	113992	14 140		07.08-	113509	12 1.7
		07.08-	115730	14 140	Chas. 3U-4-066206-	07.08-	114179	12 1.2
						10.09- 11.10	113841	12 1.7
					AT	10.09- 11.10	116272	12 1.1
Superb 2.0 TDi 16V 4x4	[CFFB]	11.10-	114109	14 180		11.10-	113841	12 1.7
		11.10-	115433	14 140		11.10-	113842	12 1.7
		11.10-	115713	14 180 A49		11.10-	115311	12 2.0
		11.10-	115730	14 140		11.10-	115508	12 1.7
		11.10-	116036	14 140		11.10-	116156	12 2.0
		11.10-	116319	14 180		11.10-	116344	12 1.4
		11.10-	116452	14 140		11.10-	115696	12 1.1
					11.10-	115638	12 1.7	
Superb 2.0 TDi	[BKD]	01.09-	115433	14 140	A25	01.09-	115561	12 1.7
		01.09-	115713	14 180 A49		01.09-	115311	12 2.0
		01.09-	115730	14 140		01.09-	114163	12 1.1
		01.09-	116036	14 140		01.09-	115900	12 1.1
		01.09-	116319	14 180		01.09-	115638	12 1.7
		01.09-	116452	14 140		01.09-	115612	12 1.2
						09.09-	115818	12 1.1
	[BMP]	07.08-	113992	14 140		07.08-	113509	12 1.7
		07.08-	115730	14 140	Chas. 3U-4-066206-	07.08-	114179	12 1.2
						10.09-	114096	12 2.0
						10.09-	116720	12 1.4
[BWW]	02.06- 03.08	112397	14 120		02.06- 03.08	111995	12 2.0	
	02.06- 03.08	113252	14 140		02.06- 03.08	113509	12 1.7	
[CBBB]		07.08-	113992	14 140		07.08-	113509	12 1.7
		07.08-	115433	14 140		07.08-	115561	12 1.7
		07.08-	115713	14 180 A49		07.08-	115311	12 2.0
		07.08-	115730	14 140		07.08-	114163	12 1.1
		07.08-	116036	14 140		07.08-	115900	12 1.1
		07.08-	116319	14 180		07.08-	115638	12 1.7
		07.08-	116452	14 140		07.08-	115612	12 1.2
						10.09-	115402	12 1.8
						10.09-	115818	12 1.1
	[CFFB]	03.10-	114109	14 180		03.10-	113841	12 1.7
		03.10-	115433	14 140		03.10-	115402	12 1.8
	03.10-	115713	14 180 A49	A25	03.10-	115336	12 2.2	
	03.10-	115730	14 140		03.10-	116720	12 1.4	
	03.10-	116036	14 140		03.10-	115818	12 1.1	
	03.10-	116319	14 180		03.10-	115638	12 1.7	
	03.10-	116452	14 140					
[CFGB]		07.08-	113992	14 140		07.08-	114096	12 2.0
		07.08-	115433	14 140		07.08-	115311	12 2.0
		07.08-	115713	14 180 A49		07.08-	115508	12 1.7
		07.08-	115730	14 140		07.08-	116156	12 2.0
		07.08-	116036	14 140		07.08-	115696	12 1.1
		07.08-	116319	14 180		07.08-	115610	12 2.0
		07.08-	116452	14 140	A25	10.09-	115561	12 1.7
		10.09-	115712	14 180		10.09-	114163	12 1.1
						10.09-	115818	12 1.1
						10.09-	115638	12 1.7
						10.09-	115612	12 1.2
[CLJA]		02.10-	114109	14 180		02.10-	113841	12 1.7
		02.10-	115433	14 140		02.10-	115402	12 1.8
		02.10-	115713	14 180 A49		02.10-	115311	12 2.0
		02.10-	115730	14 140		02.10-	115336	12 2.2
		02.10-	116036	14 140		02.10-	114163	12 1.1
		02.10-	116319	14 180		02.10-	116720	12 1.4
		02.10-	116452	14 140		02.10-	115818	12 1.1
						02.10-	115638	12 1.7
[CRLB]		03.15-	115898	14 140		03.15-	115900	12 1.1
		03.15-	116359	14 140		03.15-	115612	12 1.2
		03.15-	116647	14 140				
		03.15-	116717	14 140				
[DDAA]		03.15-	115898	14 140		03.15-	116097	12 2.0
		03.15-	116359	14 140		03.15-	115610	12 2.0
		03.15-	116647	14 140		03.15-	115611	12 1.1
		03.15-	116717	14 140				
[DFCA]		03.15-	115898	14 140		03.15-	115900	12 1.1
		03.15-	116359	14 140		03.15-	116097	12 2.0
		03.15-	116647	14 140		03.15-	115612	12 1.2
		03.15-	116717	14 140				
[DFEA]		03.15-	115898	14 140		03.15-	116097	12 2.0
		03.15-	116359	14 140	AT	03.15-	115610	12 2.0
		03.15-	116647	14 140				
		03.15-	116717	14 140				
Superb 2.0 TDi 4x4	[CBBB]	09.08-	113992	14 140		09.08-	113509	12 1.7
		09.08-	115433	14 140		09.08-	115561	12 1.7
		09.08-	115713	14 180 A49		09.08-	115311	12 2.0
		09.08-	115730	14 140		09.08-	114163	12 1.1
		09.08-	116036	14 140		09.08-	115900	12 1.1
		09.08-	116319	14 180		09.08-	115638	12 1.7
		09.08-	116452	14 140		09.08-	115612	12 1.2
						10.09-	113773	12 1.1
						10.09-	115402	12 1.8
					A25	10.09-	115336	12 2.2
						10.09-	115818	12 1.1



[CFGB]	09.08-	113992	14 140	AT and Start/Stop	09.08-	113841	12 1.7
	09.08-	115433	14 140		09.08-	115311	12 2.0
	09.08-	115713	14 180 A49		09.08-	115508	12 1.7 A49
	09.08-	115730	14 140		09.08-	116156	12 2.0
	09.08-	116036	14 140		09.08-	115638	12 1.7
	09.08-	116319	14 180		09.08-	115610	12 2.0
	09.08-	116452	14 140		10.09-	115561	12 1.7
					10.09-	114163	12 1.1
					10.09-	115818	12 1.1
	[CRLB]	03.15-	115898		03.15-	116097	12 2.0
		03.15-	116359		03.15-	115610	12 2.0
		03.15-	116647				
		03.15-	116717				
	[DDAA]	03.15-	115898		03.15-	116097	12 2.0
		03.15-	116359		03.15-	115610	12 2.0
		03.15-	116647		03.15-	115611	12 1.1
		03.15-	116717				
	[DFCA]	03.15-	115898		03.15-	115900	12 1.1
		03.15-	116359		03.15-	116097	12 2.0
		03.15-	116647		03.15-	115611	12 1.1
		03.15-	116717		03.15-	115612	12 1.2
	[DFEA]	03.15-	115898		03.15-	116097	12 2.0
		03.15-	116359		03.15-	115611	12 1.1
		03.15-	116647				
		03.15-	116717				
Superb 2.0	[AZM]	02.02-	112399	14 90	02.02-	111694	12 1.8
		02.02-	113283	14 120	02.02-	113509	12 1.7
Superb 2.0 TSi	[CCZA]	05.10-	114722	14 140 A25	05.10-	115560	12 1.7
		03.15-	115898	14 140	03.15-	116097	12 2.0
	[CHHB]	03.15-	116747	14 180			
Superb 2.0 TSi 4x4	[CJXA]	03.15-	116747	14 180			
		03.15-	116387	14 140	03.15-	115612	12 1.2
Superb 2.0 TSi	[DKZA]	07.19-	116387	14 140	07.19-	115612	12 1.2
Superb 2.5 TDi	[BDG]	06.03-	113510	14 140	06.03-	113509	12 1.7
		06.03-	113758	14 120			
Superb 2.8 V6	[AMX]	12.01-	112399	14 90	12.01-	111694	12 1.8
		11.08-	115730	14 140	11.08-	114163	12 1.1
Superb 3.6 4x4	[CDVA]	10.09-	114697	14 180	10.09-	113842	12 1.7
		10.09-	115730	14 140	10.09-	114163	12 1.1
Superb 3.6 V6 4x4	[CDVA]	09.09-	115765	14 140	09.09-	115638	12 1.7
		09.09-	116207	14 110			
Yeti 1.2 TSi	[CBZB]	06.10-	114884	14 140	06.10-	115336	12 2.2
		06.10-	115528	14 140 A49	06.10-	115638	12 1.7
	[CZCA]	06.10-	116345	14 140			
		05.15-	116228	12 180			
		05.15-	116229	12 180			
Yeti 1.6 TDi	[CAYC]	11.10-	115433	14 140	11.10-	115818	12 1.1
		11.10-	116036	14 140			
		11.10-	116452	14 140			
Yeti 1.6	[CWVA]	04.14-	116383	14 140			
Yeti 1.8 TSi	[CDAB]	05.09-	114722	14 140	05.09-	115539	12 2.0
		05.09-	114722	14 140	05.09-	113841	12 1.7
Yeti 1.8 TSi 4x4	[CDAA]	11.09-	113992	14 140	11.09-	113773	12 1.1
		11.09-	114722	14 140	11.09-	113841	12 1.7
Yeti 2.0 TDi	[CFHA]	11.09-	115433	14 140	11.09-	114163	12 1.1
		11.09-	116452	14 140			
		11.09-	116717	14 140			
	[CFHC]	11.11-	113992	14 140	11.11-	113841	12 1.7
		11.11-	115370	14 110	11.11-	114175	12 1.1
		11.11-	115433	14 140	11.11-	115818	12 1.1
		11.11-	116036	14 140			
		11.11-	116452	14 140			
		11.11- 12.17	116717	14 140			
	[CUUB]	05.15-	115898	14 140	AT 05.15-	115611	12 1.1
		05.15-	116195	14 180			
		05.15-	116359	14 140			
		05.15- 12.17	116717	14 140			
Yeti 2.0 TDi 4x4	[CBDB]	05.09- 11.09	113992	14 140	05.09- 11.09	113773	12 1.1
		05.09- 11.09	114722	14 140	05.09- 11.09	113841	12 1.7
		05.09- 11.09	115433	14 140	05.09- 11.09	116272	12 1.1
		05.09- 11.09	116036	14 140			
		05.09- 11.09	116452	14 140			
		05.09- 12.17	116717	14 140			
	[CEGA]	11.09- 05.10	113992	14 140	11.09- 05.10	113841	12 1.7
		11.09- 05.10	114722	14 140	11.09- 05.10	115900	12 1.1
		11.09- 05.10	115433	14 140			
		11.09- 05.10	116036	14 140			
		11.09- 05.10	116452	14 140			
		11.09- 05.15	116717	14 140			
	[CFHC]	05.09- 12.17	116717	14 140	11.09-	113841	12 1.7
		11.09-	113992	14 140	11.09-	115339	12 2.0
		11.09-	115370	14 110	11.09-	115900	12 1.1
		11.09-	115433	14 140			
		11.09-	116036	14 140			
		11.09-	116452	14 140			
	[CFHF]	11.09-	115433	14 140	11.09-	116156	12 2.0
		11.09-	116036	14 140			
		11.09-	116452	14 140			
		11.09- 12.17	116717	14 140			
	[CFJA]	11.09- 05.15	116717	14 140	05.10-	113773	12 1.1
		05.10-	113992	14 140	05.10-	115336	12 2.2
		05.10-	115370	14 110	05.10-	116156	12 2.0
		05.10-	115433	14 140			
		05.10-	116036	14 140			
		05.10-	116452	14 140			



SCODA Continued

Skoda (SVW)	[CLCA]	11.09-	113992	14 140		11.09-	113841	12 1.7
		11.09-	114722	14 140		A25 11.09-	115402	12 1.8
		11.09-	115433	14 140		11.09-	115944	12 1.7
		11.09-	116452	14 140				
		11.09- 12.17	116717	14 140				
	[CLCB]	05.09- 11.09	113992	14 140		05.09- 11.09	113841	12 1.7
		05.09- 11.09	114722	14 140		05.09- 11.09	115402	12 1.8
		05.09- 11.09	115433	14 140		05.09- 11.09	115638	12 1.7
		05.09- 11.09	116036	14 140				
		05.09- 11.09	116452	14 140				
	[CUUB]	05.09- 12.17	116717	14 140				
		05.15-	115898	14 140		05.15-	115612	12 1.2
		05.15-	116195	14 180				
		05.15-	116359	14 140				
		05.15- 12.17	116717	14 140				
PASSENGER CARS AO								
Fabia 1.0	[AQV]	11.00- 08.02	112002	14 120 A47		11.00- 08.02	112388	12 1.0
		11.00- 08.02	115483	14 120 A49				
	[ARV]	11.00- 08.02	112002	14 120 A47		11.00- 08.02	112388	12 1.0
		11.00- 08.02	115483	14 120 A49				
Skoda (SVW)								
PASSENGER CARS EU								
Yeti 1.4 TSi	[CSSA]					11.13-	116720	12 1.4
PASSENGER CARS AO								
Rapid 1.4 TSi	[CKAA]					04.13-	115696	12 1.1
Rapid 1.6						04.13-	115696	12 1.1
Smart (MCC)								
PASSENGER CARS EU								
Cabrio 0.6	[M160.920]	06.02- 01.04	112384	14 75 With B+ , D+ , PHIN connection		06.02- 01.04	115951	12 0.8
Cabrio 0.7	[M160.910]	01.03- 01.04	112384	14 75 With B+ , D+ , PHIN connection		01.03- 01.04	115951	12 0.8
City 0.6	(MCO1)[M160.920]	06.02- 01.04	112384	14 75 With B+ , D+ , PHIN connection		06.02- 01.04	115951	12 0.8
City 0.7	[M160.910]	01.03- 01.04	112384	14 75 With B+ , D+ , PHIN connection		01.03- 01.04	114051	12 1.0
						01.03- 01.04	115951	12 0.8
City 0.8 CDi	(450...)[OM660.940]	11.99- 01.04	114040	14 85		11.99- 01.04	115951	12 0.8
	(450...)[OM660DE8LA]	11.99- 01.04	114040	14 85		11.99- 01.04	115951	12 0.8
Crossblade 0.6	[M160.920]	10.02-	112384	14 75 With B+ , D+ , PHIN connection		10.02-	115951	12 0.8
Forfour 0.9	(453)[M281.910]	11.14-	116095	14 90		11.14-	114108	12 0.9
						11.14-	115629	12 1.0
Forfour 0.9 Brabus	(453)[M281.910]	07.16-	116240	14 125		07.16-	114183	12 1.8
						07.16-	115629	12 1.0
Forfour 1.0	(453)[M281.920]	07.14-	116095	14 90		07.14-	114108	12 0.9
						07.14-	115629	12 1.0
						11.14-	114183	12 1.8
Forfour 1.1	(454)[M134.911]	01.06-	115441	14 85		01.06-	114108	12 0.9
Forfour 1.5 CDi	(454)[OM639.939]	09.04-	114406	14 115		09.04-	114108	12 0.9
Forfour 1.5 Sportstyle	(454)[M135.950]	01.04-	115441	14 85		01.04-	114108	12 0.9
Fortwo 0.6	(450)[M160.910]	01.04- 02.07	112384	14 75		01.04- 02.07	114051	12 1.0
		01.04- 02.07	114025	14 75				
Fortwo 0.7	(450)[M160.910]	01.04- 01.07	112384	14 75		01.04- 01.07	114051	12 1.0
Fortwo 0.8 CDi	(450...)[OM660.940]	01.04- 03.07	114040	14 85		01.04- 03.07	114487	12 1.0
	(451)[OM660.950]	01.07-	115746	14 90		01.07-	114487	12 1.0
		01.07-	115952	14 90		01.07-	115629	12 1.0
						01.07-	115951	12 0.8
	(451)[OM660.951]	08.09-	115746	14 90		08.09-	114487	12 1.0
		08.09-	115952	14 90		08.09-	115629	12 1.0
	(450...)[OM660DE8LA]	01.04- 03.07	114040	14 85		01.04- 03.07	114487	12 1.0
Fortwo 0.9	(453)[M281.910]	09.14-	116095	14 90		09.14-	114487	12 1.0
						09.15-	115951	12 0.8
						09.15-	115629	12 1.0
Fortwo 0.9 Brabus	(453)[M281.910]	07.16-	116240	14 125		07.16-	115951	12 0.8
						07.16-	115629	12 1.0
Fortwo 1.0	(453)[M281.920]	07.14-	116095	14 90		07.14-	115951	12 0.8
						09.15-	115629	12 1.0
Roadster 0.7	(452)[160.921]	04.03-	112384	14 75 With B+ , D+ , PHIN connection		04.03-	115951	12 0.8
	(452, 434)[160.922]	04.03-	112384	14 75 With B+ , D+ , PHIN connection		04.03-	115951	12 0.8
	(452, 332)[M160.921]	06.03-	112384	14 75 With B+ , D+ , PHIN connection		06.03-	115951	12 0.8
Roadster 0.7 Brabus	[M160.923]	12.03-	112384	14 75 With B+ , D+ , PHIN connection		12.03-	115951	12 0.8
Smart 0.6	[M160.910]	01.01- 01.04	112384	14 75		01.01- 01.04	115951	12 0.8
		01.01- 01.04	114025	14 75				
	(MCO1)[M160.920]	01.01- 01.04	112384	14 75		01.01- 01.04	115951	12 0.8
		01.01- 01.04	114025	14 75				
	[M160E6ALB03]	Chas. H182875- 07.98-	112384	14 75 With B+ , D+ , PHIN connection		07.98-	114051	12 1.0
		Chas. -H182874 07.98-	114025	14 75 With B+ , D+ connection		07.98-	115951	12 0.8
	[M160E6ALB04]	Chas. H182875- 07.98-	112384	14 75 With B+ , D+ , PHIN connection		07.98-	114051	12 1.0
		Chas. -H182874 07.98-	114025	14 75 With B+ , D+ connection		07.98-	115951	12 0.8
	(MCO1)[M160E6]	Chas. H182875- 01.01-	112384	14 75 With B+ , D+ , PHIN connection		01.01-	115951	12 0.8
		Chas. -H182874 01.01-	114025	14 75 With B+ , D+ connection				
	[M160E6ALB03]	Chas. H182875- 03.00-	112384	14 75 With B+ , D+ , PHIN connection		03.00-	115951	12 0.8
		Chas. -H182874 03.00-	114025	14 75 With B+ , D+ connection				
Smart 0.8 CDi	(450...)[OM660.940]	03.01- 01.04	114040	14 85				
	(450...)[OM660DE8LA]	03.01- 01.04	114040	14 85				
Sole Diesel								
MOTORS								
Mini-33 1.3	[M]		112492	14 50				
Mini-44 1.8	[M]		112492	14 50				
Ssangyong								
PASSENGER CARS EU								
Actyon 2.0 XDi	[D20DT]					11.05-	112440	12 2.2
						07.07-	114270	12 2.2
Actyon 2.0 XDi 4WD	[D20DT]					10.06-	112440	12 2.2
						07.07-	114270	12 2.2
Actyon 2.0 XDi Sports pick-up	[D20DT]					04.07-	112440	12 2.2
Actyon Sports 2.0 XDi	[D20DT]					04.07-	114270	12 2.2
Korando 2.0 4WD	[M161E20]	07.96- 02.02	112530	14 120		07.96- 02.02	111347	12 1.2
Korando 2.2 Diesel 4WD	[DC23]	12.88- 12.96	112578	14 75				
Korando 2.3 Diesel 4WD	[OM601.940]	12.96-	112529	14 90		12.96-	111347	12 1.2
		12.96-	112578	14 75		12.96-	111851	12 2.0
		12.96-	116129	14 90 A49				
Korando 2.3	[E23M161]	01.99- 02.02	112530	14 120		01.99- 02.02	111065	12 2.2
	[M161E23]	07.96- 02.02	112530	14 120		07.96- 02.02	111065	12 2.2



Korando 2.3 4WD	[M161E23]	07.96- 02.02	112530	14 120	07.96- 02.02	111065	12 2.2
Korando 2.9 Diesel	[OM662]	11.97- 01.99	112529	14 90	11.97- 01.99	111347	12 1.2
		11.97- 01.99	112578	14 75			
		11.97-	116129	14 90 A49			
Korando 2.9 Diesel 4WD	[OM662]	12.96-	112529	14 90	12.96-	111347	12 1.2
		12.96-	112578	14 75			
		12.96-	116129	14 90 A49			
Korando 2.9 TD	[OM662]	04.98-	112578	14 75			
Korando 3.2	[M104.992]	06.97-	112578	14 75			
	[M104.995]	01.99-	112578	14 75			
Korando 3.2 4WD	[M104.995]	12.96- 11.02	112194	14 120	12.96- 11.02	111347	12 1.2
		12.96-	112578	14 75			
Kyron 2.0 XDi	[D20DT]	05.05-	116633	14 140	05.05-	114270	12 2.2
Kyron 2.0 XDi 4WD	[D20DT]	05.05-	116633	14 140			
Kyron 2.0 Xdi 4x4	[D20DT]	05.05-	116194	12 140	05.05-	114270	12 2.2
		05.05-	116633	14 140			
Kyron 2.7 XDi	[D27DT]	05.05-	116633	14 140			
Musso 2.0 4WD	[E20]	10.96-	112530	14 120	10.96-	111065	12 2.2
Musso 2.3 Diesel 4WD	[OM601.940]	10.95-	112529	14 90	10.95-	111065	12 2.2
		10.95-	112578	14 75			
		10.95-	113768	14 95			
		10.95-	116129	14 90 A49			
	[OM661]	10.95-	112529	14 90	10.95-	111347	12 1.2
		10.95-	112578	14 75	10.95-	111851	12 2.0
		10.95-	113768	14 95			
		10.95-	116129	14 90 A49			
Musso 2.3 4WD	[M111.970]	10.96-	112530	14 120	10.96-	111065	12 2.2
Musso 2.9 Diesel 4WD	[OM662]	03.96-	112529	14 90	03.96-	111347	12 1.2
		03.96-	112578	14 75	03.96-	111065	12 2.2
		03.96-	116129	14 90 A49			
Musso 2.9 Diesel Sports	[OM662LA]	08.04-	114404	14 75			
Musso 2.9 TD	[OM662LA]	04.98-	112578	14 75			
Musso 3.2 4WD	[M104.992]	06.96-	112194	14 120	06.96-	111347	12 1.2
Rexton 2.7 Diesel 4x4	[D27DTP]	06.06-	116633	14 140	06.06-	114270	12 2.2
Rexton 2.7 XDi Turbo 4x4	[D27DTP]	03.08-	116633	14 140	03.08-	114270	12 2.2
Rexton 2.7 XDi	[D27DT]	08.04-	116633	14 140	08.04-	114270	12 2.2
Rexton 2.7 XDi 4X4	[D27DT]	03.11- 04.13	116194	12 140	03.11- 04.13	111065	12 2.2
		03.11- 04.13	116633	14 140	03.11- 04.13	114270	12 2.2
	[D27DTP]	03.11- 04.13	116194	12 140	03.11- 04.13	112440	12 2.2
		03.11- 04.13	116633	14 140	03.11- 04.13	114270	12 2.2
Rexton 2.9 TD	[OM602.962]	04.02-	114404	14 75	04.02-	111065	12 2.2
Rodius 2.7 XDi	[D27DT]	05.05-	116633	14 140	05.05-	112440	12 2.2
Rodius 2.7 XDi 4WD	[D27DT]	05.05-	116633	14 140	05.05-	112440	12 2.2
Rodius 3.2	[G32D]	05.05-	116633	14 140	05.05-	114270	12 2.2
Rodius 3.2 4WD	[G32D]	07.07-	116633	14 140	07.07-	114270	12 2.2
Stavic 270 2.7 SXDi 4WD	[D27DT]	02.05-	116633	14 140	02.05-	114270	12 2.2
Various Models		07.96-	116129	14 90 A49	07.96-	111065	12 2.2
		10.86-	112529	14 90	10.86-	111347	12 1.2
PASSENGER CARS AO							
Istana 2.9 Diesel	[OM602.940]				07.96-	111065	12 2.2
Stavic 270 2.7 SXDi	[D27DT]				02.05-	112440	12 2.2
					02.05-	114270	12 2.2
Steyr							
MARINE							
Various Models						116763	12 2.3
WD615						114327	24 5.5
Still							
FORK LIFTS							
5-6T Forklifts	[1104C-44]		114772	14 95		113654	12 3.0
			116456	14 95		114264	12 4.2
CLX25 Forklifts	[K25(L)]		112069	14 50		114479	12 1.2
R70 35/40/45 Forklifts	[BF4M1012E B]		116018	28 55		112494	24 4.0
						112071	12 3.0
R70 60/70/80 Forklifts	[1104C-44T]		113763	14 85		113181	12 2.3
	[TCD 2012 L4 2V]		116544	14 95		113654	12 3.0
			116547	14 120			
R70 70/80 Forklifts	[BF4L913C]		113470	28 35		110512	24 5.4
Various Forklift						115403	12 2.2
Subaru							
PASSENGER CARS EU							
Forester 2.0 Diesel AWD	[EE20Z]	09.08- 09.13	116738	14 170	AT 09.08- 09.13	111451	12 1.4
Forester 2.0	[EJ20]	09.02-	114214	14 80	09.02-	111552	12 1.0
		06.98- 09.02	113634	14 90			
Forester 2.0 4WD	[EJ20]				AT 08.97-	111451	12 1.4
Forester 2.0 X	[EJ204]	09.05-	115453	14 110	09.05-	111451	12 1.4
Forester 2.0 Turbo S	[EJ20]	09.02-	114214	14 80	09.02-	111552	12 1.0
		06.98- 04.01	113634	14 90			
	[EJ205]	04.01- 09.02	113634	14 90	04.01- 09.02	111552	12 1.0
Forester 2.0 Bifuel BiFuel AWD	[EJ204]	01.09- 12.11	115453	14 110	AT 01.09- 12.11	111451	12 1.4
Forester 2.5	[EJ25]	12.03-	113634	14 90	12.03-	111552	12 1.0
		12.03-	114214	14 80	12.03-	111451	12 1.4
		12.03-	115453	14 110			
Forester 2.5 4x4	[EJ25D]	07.97- 05.02	114214	14 80	07.97- 05.02	111552	12 1.0
Forester 2.5 XT	[EJ255]	09.05-	115453	14 110	AT 09.05-	111451	12 1.4
Forester 2.5 Turbo 4x4		09.98- 05.02	114214	14 80	09.98- 05.02	111552	12 1.0
Impreza 1.5	[EL15]	05.06-	114214	14 80	05.06-	111552	12 1.0
Impreza 1.5 4x4	[EL15]	02.08-	114214	14 80	02.08-	111552	12 1.0
Impreza 1.5 Bifuel BiFuel AWD	[EL154]	01.10- 03.12	114214	14 80	AT 01.10- 03.12	111552	12 1.0
		01.10- 03.12	115453	14 110	AT 01.10- 03.12	111451	12 1.4
Impreza 1.6	[EJ16]	12.00-	113634	14 90	12.00-	111552	12 1.0
		06.01- 09.06	114214	14 80			
	[EJ161]	10.00- 09.06	113634	14 90	10.00- 09.06	111552	12 1.0
		06.01- 09.06	114214	14 80			
	[EJ16E]	12.96- 12.00	113634	14 90	12.96- 12.00	111552	12 1.0
Impreza 1.6 4WD	[EJ16E]	12.96- 12.00	113634	14 90	12.96- 12.00	111552	12 1.0
Impreza 1.6 i	[EJ16]	06.98- 12.00	113634	14 90	06.98- 12.00	111552	12 1.0
Impreza 1.6 i 4WD	[EJ16]	06.98- 12.00	113634	14 90	06.98- 12.00	111552	12 1.0
Impreza 2.0 Diesel 4x4	[EE20Z]	01.09- 03.12	116738	14 170	01.09- 03.12	111451	12 1.4
Impreza 2.0	[EJ20]	12.00-	113634	14 90	12.00-	111552	12 1.0
Impreza 2.0 4WD	[EJ20]	12.95- 12.00	113634	14 90	12.95- 12.00	111552	12 1.0



SUBARU Continued

Impreza 2.0 R	[EJ20]	09.05-	115453	14	110	AT	09.05-	111451	12	1.4
	[EJ204]	09.05-	115453	14	110	AT	09.05-	111451	12	1.4
							09.05-	111552	12	1.0
Impreza 2.0 16V AWD	[EJ20]	06.98- 12.00	113634	14	90		06.98- 12.00	111552	12	1.0
Impreza 2.0 i Turbo GT 4WD	[EJ20]	03.94- 12.00	113634	14	90		03.94- 12.00	111552	12	1.0
						AT	03.94-	111451	12	1.4
Impreza 2.0 i Turbo 4WD	[EJ20]	03.94- 12.00	113634	14	90		03.94- 12.00	111552	12	1.0
						AT	03.94-	111451	12	1.4
	[EJ207]	11.01-	113634	14	90		11.01-	111552	12	1.0
Impreza 2.0 i 4WD	[EJ20]	10.95- 12.00	113634	14	90		10.95- 12.00	111552	12	1.0
Impreza 2.0 Turbo	[EJ205]	12.00-	113634	14	90		12.00-	111552	12	1.0
Impreza 2.0 Turbo GT 4WD	[EJ205]	06.98- 12.00	113634	14	90		06.98- 12.00	111552	12	1.0
	[EJ207]	06.98- 12.00	113634	14	90		06.98- 12.00	111552	12	1.0
Impreza 2.0 Turbo WRX	[EJ205]	12.00-	113634	14	90		12.00-	111552	12	1.0
Impreza 2.0 Turbo WRX 4WD	[EJ205]	12.02-	113634	14	90		12.02-	111552	12	1.0
		12.02-	114214	14	80					
Impreza 2.0 Bifuel R BiFuel AWD	[EJ204]	01.09- 03.12	115453	14	110	AT	01.09- 03.12	111451	12	1.4
Impreza 2.5 AWD	[EJ257]	01.13-	115453	14	110	AT	01.13-	111451	12	1.4
Impreza 2.5 WRX	[EJ255]	09.05-	115453	14	110	AT	09.05-	111451	12	1.4
Impreza 2.5 WRX S AWD	[EJ255]	02.09- 12.10	115453	14	110	AT	02.09- 12.10	111451	12	1.4
Impreza 2.5 WRX STi	[EJ257]	09.05-	115453	14	110	AT	09.05-	111451	12	1.4
Impreza 2.5 WRX STi 330S AWD	[EJ257]	05.09- 12.10	115453	14	110	AT	05.09- 12.10	111451	12	1.4
Impreza Estate 2.5 GB270 AWD	[EJ255]	07.07- 12.07	115453	14	110		07.07- 12.07	111552	12	1.0
Impreza Saloon 2.5 AWD	[EJ255]	01.07- 12.07	115453	14	110		01.07- 12.07	111552	12	1.0
Justy 1.3	[M13A]	09.03-	114023	14	70		09.03-	116776	12	1.0
Justy 1.3 4WD GX	[EF13]	10.95- 11.03	110967	14	50		10.95- 11.03	111310	12	0.8
Justy 1.3 AWD	[K3-VE]						03.08-	115784	12	0.8
Justy 1.5	[M15A]	09.03-	114023	14	70		09.03-	116776	12	1.0
Lagacy 2.0	[EJ20]	01.02-	114214	14	80	AT	01.02-	111451	12	1.4
		12.98- 01.02	113634	14	90		12.98- 01.02	111552	12	1.0
Lagacy 2.5	[EJ25]	12.98- 08.03	113634	14	90		12.98- 08.03	111552	12	1.0
Legacy 1.8 1800	[EJ18SPI]					AT	01.89- 01.90	111451	12	1.4
Legacy 1.8 1800 4WD	[EJ18]					AT	01.89- 01.90	111451	12	1.4
Legacy 2.0 Diesel	[EE20]	09.09- 12.14	116738	14	170		09.09- 12.14	111552	12	1.0
Legacy 2.0 Diesel AWD	[EE20Z]	09.09- 12.14	116738	14	170		09.09- 12.14	111552	12	1.0
Legacy 2.0	[EJ20]	01.20-	114214	14	80		09.03-	111552	12	1.0
		04.99- 01.02	113634	14	90		09.03-	111451	12	1.4
		09.03-	115453	14	110					
	[EJ204]	09.09-	116032	14	130		09.09-	111552	12	1.0
							09.09-	111451	12	1.4
Legacy 2.0 2000	[EJ20EMPI]					AT	05.92- 12.93	111451	12	1.4
Legacy 2.0 4WD	[EJ20E]					AT	01.94- 07.96	111451	12	1.4
							01.94- 07.96	111552	12	1.0
Legacy 2.0 i	[EJ204]	09.09-	116032	14	130		09.09-	111552	12	1.0
	[FB20]	09.09-	116032	14	130		09.09-	111552	12	1.0
Legacy 2.0 i 4WD	[EJ20]					AT	01.94- 08.98	111451	12	1.4
Legacy 2.2 2200 4WD	[EJ22]					AT	01.89- 01.90	111451	12	1.4
Legacy 2.2 i	[EJ22]					AT	01.94- 05.97	111451	12	1.4
							09.94-	111552	12	1.0
Legacy 2.2 i 4WD	[EJ22]					AT	01.94- 05.97	111451	12	1.4
							01.94- 05.96	111552	12	1.0
Legacy 2.5 CNG CNG AWD	[FB25B]						04.13- 12.14	111451	12	1.4
Legacy 2.5	[EJ25]	09.03-	113634	14	90		09.03-	111552	12	1.0
		09.03-	115453	14	110		09.03-	111451	12	1.4
		09.03-	115796	14	110					
	[EJ253]	09.09-	116032	14	130		09.09-	111552	12	1.0
	[EJ25D]						06.96- 08.98	111451	12	1.4
Legacy 2.5 i 4WD	[EJ25D]						06.96- 11.98	111451	12	1.4
Legacy 2.5 Turbo	[EJ25]	01.08-	116032	14	130		01.08-	111552	12	1.0
Legacy 3.0	[EZ30]						09.03-	111451	12	1.4
Legacy 3.0 H6	[EZ30]						10.00-	111451	12	1.4
Leone 1.3 1300	[EA65]	PS 11.84- 09.91	110267	14	55	AT	11.84- 09.91	111451	12	1.4
Leone 1.6 1600	[EA71]	PS 11.84- 09.91	110267	14	55					
Leone 1.8	[EA82]	06.85- 07.86	110267	14	55					
Leone 1.8 1800 4WD	[EA82]	12.86- 07.91	110267	14	55	AT	12.86- 07.91	111451	12	1.4
Leone 1.8 Turbo 1800 4WD	[EA82]	11.84- 12.90	110267	14	55	AT	11.84- 12.90	111451	12	1.4
Leone 1.8 Turbo 1800 Super 4WD	[EA82]	PS 11.84- 12.90	110267	14	55	AT	11.84- 12.90	111451	12	1.4
Leone / Loyale 1.8 4WD	[EA82]	03.87- 12.89	110267	14	55	AT	03.87- 12.89	111451	12	1.4
Outback 2.0 Diesel	[EE20]	09.09-	116738	14	170					
Outback 2.5	[EJ25]	10.00- 08.03	113634	14	90		10.00- 08.03	111552	12	1.0
	[EJ253]	09.09-	116032	14	130		09.09-	111451	12	1.4
	[EJ25D]	11.03-	115453	14	110		11.03-	111552	12	1.0
		11.03-	115796	14	110		11.03-	111451	12	1.4
Outback 2.5 Bifuel BiFuel AWD	[EJ252]	09.08- 06.09	115453	14	110		09.08- 06.09	111451	12	1.4
		09.08- 06.09	115796	14	110					
Rex 0.5 550	[EK23]	08.81- 06.87	110385	14	40					
Rex 0.5 550 4WD	[EK23]	08.83- 06.87	110385	14	40					
Rex 0.5 Turbo 550		07.84- 06.87	110385	14	40					
Rex 0.7 700	[EK42]	08.82- 06.89	110385	14	40					
SVX 3.3 i 24V	[EG33]						09.92-	111451	12	1.4
Vivio 0.65 660 4WD	[EN07E]						03.92- 10.95	111451	12	1.4
PASSENGER CARS US										
Baja 2.5	[EJ253]	01.03- 01.03	113634	14	90		01.03- 01.03	111552	12	1.0
Baja 2.5 Sport	[EJ253]	01.05-	113634	14	90					
Baja 2.5 Turbo	[EJ255]	01.04-	113634	14	90					
Brat 1.8	[EA81]	01.80-	110267	14	55		01.80-	111451	12	1.4
Brat 1.8 GL							01.85- 01.87	111451	12	1.4
		01.85- 01.87	110267	14	55					
Brat 1.8 Turbo GL		01.84-	110267	14	55		01.84-	111451	12	1.4
Deluxe 1.3		01.72- 01.72	110128	14	35					
Deluxe 1.4		01.73- 01.73	110128	14	35					
DL 1.4		01.74- 01.74	110128	14	35		01.74- 01.74	111451	12	1.4
DL 1.6		01.82- 01.84	110267	14	55		01.82- 01.84	111451	12	1.4
DL 1.8							01.85- 01.86	111451	12	1.4
Forester 2.5 X	[251]	01.03- 01.03	113634	14	90		01.03- 01.03	111552	12	1.0
	[253]	01.05-	113634	14	90		01.05-	111451	12	1.4
Forester 2.5 XS	[251]	01.03- 01.03	113634	14	90		01.03- 01.03	111552	12	1.0
	[253]	01.05-	113634	14	90		01.05-	111451	12	1.4
Forester 2.5 Turbo XT	[255]	01.04-	113634	14	90		01.04-	111451	12	1.4
GL 1.3		01.72- 01.72	110128	14	35		01.72- 01.72	111451	12	1.4



GL 1.4		01.73- 01.74	110128	14	35	01.73- 01.74	111451	12	1.4
GL 1.6		01.86- 01.87	110267	14	55	01.86- 01.87	111451	12	1.4
GL 1.8						01.85- 01.89	111451	12	1.4
GL 1.8 Turbo						01.85- 01.89	111451	12	1.4
		01.83- 01.84	110267	14	55				
GL-10 1.8						01.85- 01.88	111451	12	1.4
GL-10 1.8 Turbo						01.86- 01.89	111451	12	1.4
GLF 1.8						01.80- 01.82	111451	12	1.4
Impreza 1.8						01.93- 01.95	111451	12	1.4
Impreza 1.8 4WD						01.93- 01.93	111552	12	1.0
						01.93- 01.93	111451	12	1.4
Impreza 1.8 Brighton						01.96- 01.96	111552	12	1.0
						01.96- 01.96	111451	12	1.4
Impreza 1.8 L						01.93- 01.96	111552	12	1.0
						01.93- 01.96	111451	12	1.4
Impreza 1.8 L 4X4						01.95- 01.95	111552	12	1.0
						01.95- 01.95	111451	12	1.4
Impreza 1.8 LS						01.93- 01.94	111552	12	1.0
						01.93- 01.94	111451	12	1.4
Impreza 1.8 Outback						01.95- 01.95	111552	12	1.0
						01.95- 01.95	111451	12	1.4
Impreza 2.2	[EJ222]					01.00- 01.00	111451	12	1.4
	[EJ22EZ]					01.00- 01.00	111552	12	1.0
						01.98- 01.99	111451	12	1.4
						01.98- 01.99	111552	12	1.0
Impreza 2.2 Brighton						01.97- 01.97	111552	12	1.0
						01.97- 01.97	111451	12	1.4
Impreza 2.2 L						01.96- 01.96	111552	12	1.0
						01.96- 01.96	111451	12	1.4
Impreza 2.2 LX						01.96- 01.96	111552	12	1.0
						01.95- 01.95	111451	12	1.4
Impreza 2.2 Outback	[EJ222]					01.00- 01.00	111451	12	1.4
	[EJ22EZ]					01.00- 01.00	111552	12	1.0
						01.98- 01.99	111451	12	1.4
						01.98- 01.99	111552	12	1.0
Impreza 2.5 Outback	[251]					01.02- 01.03	111451	12	1.4
						01.02- 01.03	111552	12	1.0
Impreza 2.5 RS	[251]					01.02- 01.03	111451	12	1.4
						01.02- 01.03	111552	12	1.0
	[253]	01.05-	113634	14	90	01.05-	111552	12	1.0
	[EJ251]					01.00- 01.00	111451	12	1.4
						01.00- 01.00	111552	12	1.0
						01.01- 01.01	113038	12	0.7
	[EJ253]					01.99- 01.99	111451	12	1.4
						01.99- 01.99	111552	12	1.0
	[EJ25D]					01.98- 01.98	111451	12	1.4
						01.98- 01.98	111552	12	1.0
Impreza 2.5 TS	[251]					01.02- 01.03	111451	12	1.4
						01.02- 01.03	111552	12	1.0
Legacy 2.2						01.95- 01.95	111552	12	1.0
						01.90- 01.90	111451	12	1.4
Legacy 2.2 4WD						01.93- 01.94	111552	12	1.0
Legacy 2.2 Brighton						01.95- 01.95	111552	12	1.0
Legacy 2.2 GT						01.94- 01.94	111552	12	1.0
Legacy 2.2 L						01.95- 01.95	111552	12	1.0
						01.90- 01.94	111451	12	1.4
Legacy 2.2 L 4X4						01.92- 01.93	111552	12	1.0
Legacy 2.2 L Alpine						01.94- 01.94	111552	12	1.0
Legacy 2.2 L Outdoor						01.94- 01.94	111552	12	1.0
Legacy 2.2 L Sunsport						01.94- 01.94	111552	12	1.0
Legacy 2.2 LS						01.95- 01.95	111552	12	1.0
						01.90- 01.94	111451	12	1.4
Legacy 2.2 LS 4X4						01.92- 01.93	111552	12	1.0
Legacy 2.2 LS SP						01.91- 01.93	111552	12	1.0
Legacy 2.2 LSI						01.91- 01.95	111552	12	1.0
Legacy 2.2 Outback						01.95- 01.95	111552	12	1.0
Legacy 2.2 Postal						01.95- 01.95	111552	12	1.0
Legacy 2.2 Turbo 4WD						01.92- 01.92	111552	12	1.0
Legacy 2.2 Turbo Sport						01.91- 01.94	111552	12	1.0
Legacy 2.5	[EJ251]	01.00- 01.00	113634	14	90	01.00- 01.00	111552	12	1.0
	[EJ252]	01.00- 01.00	113634	14	90	01.00- 01.00	111552	12	1.0
	[EJ253]	01.01- 01.02	113634	14	90	01.01- 01.02	111552	12	1.0
	[EJ25D]					01.99- 01.99	111552	12	1.0
						01.96- 01.98	111552	12	1.0
Legacy 2.5 GT						01.96- 01.97	111552	12	1.0
Legacy 2.5 LSI						01.99- 01.99	111552	12	1.0
Legacy 2.5 OUTBACK	[EJ25D]					01.90- 01.93	111451	12	1.4
Loyale 1.8						01.90- 01.90	111451	12	1.4
Loyale 1.8 RS						01.90- 01.90	111451	12	1.4
Loyale 1.8 Turbo						01.90- 01.90	111451	12	1.4
Loyale 1.8 Turbo RS						01.90- 01.90	111451	12	1.4
Outback 2.5	[EJ253]	01.01- 01.02	113634	14	90	01.01- 01.02	111552	12	1.0
RX 1.8 Turbo						01.86- 01.89	111451	12	1.4
Standard 1.6		01.82- 01.87	110267	14	55	01.82- 01.87	111451	12	1.4
Standard 1.8						01.87- 01.87	111451	12	1.4
Star 1.3		01.72- 01.72	110128	14	35				
SVX 3.3 4WD						01.94- 01.94	111451	12	1.4
SVX 3.3 L						01.94- 01.95	111451	12	1.4
SVX 3.3 LS						01.92- 01.95	111451	12	1.4
SVX 3.3 LSI						01.94- 01.95	111451	12	1.4
SVX 3.3 LSL						01.92- 01.94	111451	12	1.4
XT 1.8 DL						01.85- 01.88	111451	12	1.4
XT 1.8 GL						01.85- 01.91	111451	12	1.4
XT 1.8 GL-10						01.87- 01.87	111451	12	1.4
XT 1.8 Turbo GL						01.87- 01.87	111451	12	1.4
XT 1.8 Turbo GL-10						01.85- 01.87	111451	12	1.4
XT 6 2.7						01.89-	111451	12	1.4
PASSENGER CARS AO									
Forester 2.5 RX Nato 4WD						11.02- 08.05	111451	12	1.4
Impreza 1.5 4x4	[EL15]	02.08-	114214	14	80				
Impreza 2.0	[EJ201]	09.98- 09.00	113634	14	90				



SUBARU Continued

Impreza 2.0 4WD	[EJ205P]	10.05-	114214	14	80			
		09.98- 09.00	113634	14	90			
Impreza 2.0 WRX STi 4WD	[EJ208]	10.05-	114214	14	80			
Impreza 2.2 GX 4WD	[EJ22E]	09.98- 09.00	113634	14	90			
Legacy 1.6	[EJ16]					05.90-	111552	12 1.0
Sumitomo								
FORK LIFTS								
Various Models							111005	12 0.8
Suzuki								
PASSENGER CARS EU								
Alto 0.8	(SB308,CA)[F8B]	01.86- 11.93	110385	14	40	01.86- 11.93	111561	12 0.6
Alto 1.0	(EF)[G10BB]	09.94-	111279	14	50	09.94-	111310	12 0.8
	(GF)[K10B]	01.09-	115868	14	70	01.09-	114761	12 1.0
Alto 1.1	[F10D]	06.02-	111779	14	70	06.02-	111310	12 0.8
	[F10DN]	09.04-	111779	14	70	09.04-	111310	12 0.8
Alto K10 1.0	[K10B]	10.12- 03.15	115868	14	70	10.12- 03.15	114761	12 1.0
Baleno 1.3	(EG)[G13BA]	09.96-	111779	14	70	09.96-	111310	12 0.8
Baleno 1.3 16V	[G13BB]	03.97-	111779	14	70	03.97-	111310	12 0.8
Baleno 1.3 i 16V	[G13BB]	04.95-	111779	14	70	04.95-	111310	12 0.8
Baleno 1.6 i 16V	[G16B]	07.95-	111779	14	70	07.95-	111310	12 0.8
		07.95-	111950	14	85			
Baleno 1.6 i 16V 4WD	[G16B]	04.95-	111779	14	70	04.95-	111310	12 0.8
Baleno 1.8 GT	(EG)[J18A]	03.96-	111779	14	70	Change pulley	03.96-	111310 12 0.8
Baleno 1.8 i 16V	[J18A]	08.96-	111779	14	70	Change pulley	08.96-	111310 12 0.8
Baleno 1.9 TD	(EG)[DHV (XUD9BSD)]	04.98-	113485	14	80			
	(EG)[DHW (XUD9SD)]	04.98- 05.02	113485	14	80			
Carry 0.8	(ST90V)[F8A]	11.80- 10.85	110258	14	35	11.80- 10.85	110402	12 0.6
Carry 1.0	(ED)[F10A]	10.85- 09.94	110385	14	40	10.85- 09.94	110402	12 0.6
						10.85- 03.99	111385	12 0.6
	(SK410)	07.85- 12.90	110385	14	40	07.85- 12.90	110402	12 0.6
Carry 1.3 16V	(FD)[G13BB]					03.00-	114773	12 0.7
Grand Vitara 1.6	[G16B]	03.98-	111779	14	70	03.98-	110389	12 2.0
		03.98-	113322	14	60	03.98-	112300	12 1.4
	[M16A]	10.05-	114881	14	80	10.05-	112474	12 1.8
Grand Vitara 1.6 4x4	(GT)[G16B]	03.98- 07.03	113322	14	60	AT 03.98- 07.03	112300	12 1.4
Grand Vitara 1.9 DDiS	(JT)[F9QB]	10.05-	115305	14	140	10.05-	114061	12 2.0
		10.05- 02.15	116667	14	130	10.05- 02.15	115538	12 1.4
Grand Vitara 2.0 HDi	[RHW]	07.01-	112461	14	150	07.01-	110394	12 0.85
	[RHZ]	07.01-	112461	14	150	07.01-	112300	12 1.4
Grand Vitara 2.0 TD Intercooler	[RF]	03.98-	112332	14	70	03.98-	110394	12 0.85
Grand Vitara 2.0	[J20A]	10.05-	111779	14	70	10.05-	110394	12 0.85
		10.05-	114881	14	80	10.05-	114060	12 1.0
						10.05-	116629	12 0.85
		03.98-	113322	14	60	03.98-	112300	12 1.4
Grand Vitara 2.0 4x4	(FT, GT)[J20A]	04.98- 08.05	111779	14	70	AT 01.00- 08.05	114225	12 1.6
						04.98- 08.05	110394	12 0.85
						04.98- 08.05	116629	12 0.85
	(GT)	03.98- 07.03	114247	14	75	03.98- 07.03	112300	12 1.4
Grand Vitara 2.4 4x4	(JT)[J24B]	01.09-	116292	14	75	09.13-	116771	12 1.4
						01.09-	114061	12 2.0
Ignis 1.3 DDiS	[Z13DT]	09.03-	113720	14	75	A49 09.03-	114060	12 1.0
		09.03-	113722	14	90	A49		
		09.03-	115963	14	90			
		09.03-	116064	14	75			
Ignis 1.3	(FH)[M13A]	10.00- 09.03	111779	14	70	10.00- 09.03	114060	12 1.0
		09.03-	114023	14	70			
Ignis 1.3 4WD	(FH)[M13A]	10.00- 09.03	111779	14	70	10.00- 09.03	114060	12 1.0
Ignis 1.3 4x4	[M13A]	09.03-	114023	14	70	09.03-	113843	12 1.1
Ignis 1.5	(FH)[M15A]	08.03- 12.05	114215	14	75	09.03-	114060	12 1.0 ND
		09.03-	114023	14	70	09.03-	115349	12 1.2
Ignis 1.5 4WD	[M15A]	09.03-	114023	14	70	09.03-	114060	12 1.0
		09.03-	114215	14	75	09.03-	115349	12 1.2
Ignis 1.5 Sport	(FH)[M15A]	12.03-	111779	14	70	12.03-	114060	12 1.0
		12.03-	114215	14	75	12.03-	115349	12 1.2 MI
Jimny 1.3	(SN)[M13A]	08.04-	114215	14	75			
Jimny 1.3 4x4	(FJ)[M13A]	05.14-	114215	14	75	05.14-	115778	12 1.4
Jimny 1.3 16V	[G13BB]	09.98-	111779	14	70	09.98-	110394	12 0.85
		10.98-	113322	14	60	10.98-	114060	12 1.0
	(FJ)[M13A]	02.01-	113322	14	60	02.01-	114060	12 1.0
Jimny 1.3 16V 4WD	(SN)[G13BB]	09.98-	113322	14	60	09.98-	113897	12 1.4
		09.98-	111779	14	70	09.98-	110394	12 0.85
	(FJ)[M13A]	02.01-	111779	14	70	02.01-	110394	12 0.85
		02.01-	113322	14	60	08.05-	115349	12 1.2
		08.05-	114215	14	75			
Jimny 1.5 DDiS 4WD	(FJ)[K9K266]	12.03- 08.05	114207	14	100	12.03- 08.05	115349	12 1.2
	(FJ)[K9K700]	12.03- 08.05	114533	14	100			
Kizashi 2.4	(FR)[J24B]					10.10-	116771	12 1.4
Kizashi 2.4 4x4	(FR)[J24B]					10.10-	116771	12 1.4
Liana 1.3	(ER)[M13A]	07.01-	111779	14	70	07.01-	114060	12 1.0
		07.01-	113322	14	60	07.01-	115349	12 1.2
		07.01-	114215	14	75			
		03.02-	114023	14	70			
Liana 1.4 DDiS	(ER)[8HY]	03.05-	113755	14	150	03.05-	115349	12 1.2
Liana 1.6	(ER)[M16A]	07.01-	111779	14	70	07.01-	114060	12 1.0
		07.01-	113322	14	60	07.01-	115349	12 1.2
		07.01-	114215	14	75			
Liana 1.6 4WD	(ER)[M16A]	07.01-	111779	14	70	07.01-	114060	12 1.0
		07.01-	113322	14	60	07.01-	115349	12 1.2
		07.01-	114215	14	75			
LJ 80 0.8 4WD	[F8A]	01.80- 01.84	110258	14	35	01.80- 01.84	110421	12 0.8
Samurai 1.0 4x4	(SJ)[F10A]	05.90- 10.94	111086	14	65	05.90- 10.94	110394	12 0.85
						05.90- 10.94	111475	12 0.8
Samurai 1.3	(SJ)[G13A]	04.88- 07.92	111086	14	65	04.88- 07.92	110394	12 0.85
	(SJ413)	11.88-	110965	14	50	11.88-	111070	12 1.7
						11.88-	116629	12 0.85
	(SJ413)[G13BA]	11.88-	110965	14	50	11.88-	110421	12 0.8
						11.88-	116629	12 0.85
Samurai 1.9 Diesel	(SJ)	09.00- 12.04	112230	14	80	09.00- 12.04	110394	12 0.85
Samurai 1.9 TD	(SJ)[NF8Q]	11.98-	112292	14	70	11.98-	111475	12 0.8



	(SJ)[XUD9]	11.98-	112292	14	70		11.98-	110394	12	0.85
							11.98-	113481	12	1.4
SJ 410 1.0 4WD	(SJ410)[F10A]	09.81- 12.88	110137	14	30		09.81- 12.88	110421	12	0.8
		09.87- 12.88	110385	14	40		09.87- 12.88	111475	12	0.8
SJ 413 1.3	(SJ413)[G13A]	09.84- 12.88	110965	14	50		09.84- 12.88	110394	12	0.85
							09.84- 08.90	116629	12	0.85
Splash 1.0	[K10B]	01.08-	114247	14	75		01.08-	114871	12	1.1
Splash 1.2	[K12B]	01.08-	114247	14	75		01.08-	116270	12	1.2
Splash 1.2 VVT	[K12B]	06.11-	114247	14	75		06.11-	116270	12	1.2
Splash 1.3 CDTi	[D13A]	01.08-	113722	14	90	A49	01.08-	113843	12	1.1
		01.08-	115963	14	90					
	[Z13DTJ]	01.08-	113722	14	90	A49	01.08-	113843	12	1.1
		01.08-	115963	14	90		01.08-	116270	12	1.2
Super Carry Box 1.0	(ED SK410)[F10A]	04.85- 07.92	110385	14	40		04.85- 07.92	110402	12	0.6
Swift 1.0	(SA310,AA41,43)[G10]	10.83- 03.89	110965	14	50		10.83- 03.89	111310	12	0.8
	(SA310,AA41,43)[G10A]	10.84- 03.89	110965	14	50		10.84- 03.89	111310	12	0.8
	(SF310,AA44)	03.89-	110967	14	50		03.89-	111310	12	0.8
Swift 1.0 i	(SF310,AA44)[G10A]	03.89- 12.91	110967	14	50		03.89- 12.91	111310	12	0.8
		09.91- 05.01	114894	14	60		09.91- 05.01	116270	12	1.2
Swift 1.0 Turbo	(SA310)[G10T]	02.85- 12.89	110965	14	50		02.85- 12.89	111310	12	0.8
Swift 1.2	(AZG412)[K12B]	10.10-	116439	14	80					
Swift 1.2 4x4	[K12B]	10.10-	116439	14	80					
Swift 1.3 DDIS	(MZ, EZ)[D13A]	08.05-	113722	14	90	A49	08.05-	114060	12	1.0
		08.05-	115933	14	150		08.05-	116270	12	1.2
	(SG)[Z13DT]	08.05-	113722	14	90	A49	08.05-	114060	12	1.0
		08.05-	115963	14	90					
	(MZ, EZ)[Z13DTJ]	08.05-	113722	14	90	A49	08.05-	114060	12	1.0
		08.05-	115963	14	90					
Swift 1.3	(SA413,AA51)[G13A]	10.84- 03.89	110965	14	50		10.84- 03.89	111310	12	0.8
	(SA413,AA51,AA53)	10.84- 03.89	110965	14	50		10.84- 03.89	111310	12	0.8
	(SA413,AA53)	08.86- 03.89	110965	14	50		08.86- 03.89	111310	12	0.8
	(SF413)	03.89- 12.91	110967	14	50		03.89- 12.91	111310	12	0.8
	(SF413,AB35)	03.89- 12.91	110967	14	50		03.89- 12.91	111310	12	0.8
	(SF413,AH35)	03.89-	110967	14	50		03.89-	111310	12	0.8
	(SF413,AK35)[G13BA]	09.91-	110967	14	50		09.91-	111310	12	0.8
	(EA,MA)[G13BB]	06.01- 12.03	114894	14	60		06.01- 12.03	116270	12	1.2
	(ME, EZ)[M13A]	Chas. 00500001- 02.05-	114247	14	75		02.05-	113843	12	1.1
		Chas. -00500000 02.05-	114245	14	75		02.05-	114060	12	1.0
	(SG)	Chas. -00500000 02.05-	114245	14	75		02.05-	113843	12	1.1
		Chas. -00500000 02.05-	114247	14	75					
Swift 1.3 4WD	(SF413, AA35)[G13A]	03.89-	110967	14	50		03.89-	111310	12	0.8
	(SF413,AF35)	10.89- 12.91	110967	14	50		10.89- 12.91	111310	12	0.8
	(ME, EZ)[M13A]	01.06-	114215	14	75		01.06-	114060	12	1.0
		01.06-	114881	14	80		01.06-	116102	12	1.1
Swift 1.3 GTi	(SA413,AA33)[G13B]	08.86-	111279	14	50		08.86-	111310	12	0.8
	(SF413,AA34)	03.89- 05.01	110967	14	50		03.89- 05.01	111310	12	0.8
Swift 1.3 GXi	(SA413,AA33)[G13B]	08.86- 03.89	111279	14	50		08.86- 03.89	111310	12	0.8
Swift 1.5	(ME, EZ)[M15A]	02.05-	111779	14	70		02.05-	111310	12	0.8
		02.05-	114245	14	75		02.05-	114060	12	1.0
Swift 1.6	(SF416,AH14)[G16B]	11.89- 12.91	111279	14	50		11.89- 12.91	111310	12	0.8
	(MZ, EZ)[M16A]	01.12-	116439	14	80					
Swift 1.6 4WD	[G16B]	09.91- 09.95	111279	14	50		09.91- 09.95	111310	12	0.8
Swift 1.6 i	(SF416,AH14)[G16B]	01.91- 09.95	111279	14	50		01.91- 09.95	111310	12	0.8
Swift 1.6 i 4WD	(SF416,AJ14)[G16B]	01.91- 09.95	111279	14	50		01.91- 09.95	111310	12	0.8
SX4 1.5	[M15A]	06.06-	114247	14	75		06.06-	114060	12	1.0
SX4 1.5 VVT	(GY)[M15A]	07.10-	114247	14	75		07.10-	114060	12	1.0
SX4 1.6 DDIS	[D16AA]						08.13-	115444	12	1.4
SX4 1.6	[M16A]	10.07-	114881	14	80		10.07-	114060	12	1.0
SX4 1.6 WT	[M16A]	06.06-	114247	14	75		06.06-	114060	12	1.0
SX4 1.6 WT 4WD	[M16A]	06.06-	114247	14	75		06.06-	114060	12	1.0
SX4 1.6 VVT	(EY, GY)[M16A]	11.10- 12.15	114247	14	75		11.10- 12.15	114060	12	1.0
	(RW416)	07.09-	114247	14	75		07.09-	114060	12	1.0
SX4 1.6 VVT 4x4	(GY)[M16A]	07.09-	114247	14	75		07.09-	114060	12	1.0
	(RW416)	07.09-	114247	14	75		07.09-	114060	12	1.0
SX4 1.9 DDIS	(RW419)[D19AA]	06.06-	113996	14	140		06.06-	113430	12	1.8
SX4 1.9 DDIS 4WD	[D19AA]	06.06-	113996	14	140		06.06-	113430	12	1.8
SX4 2.0 DDIS	(RW420D)[D20AA]	07.09-	115866	14	150		07.09-	114060	12	1.0
							07.09-	115444	12	1.4
SX4 2.0 DDIS 4x4	(RW420D)[D20AA]	07.09-	115866	14	150		07.09-	115444	12	1.4
Vitara 1.0	(LY)[K10C]						10.18-	116425	12	0.9
Vitara 1.0 AllGrip	(LY)[K10C]						10.18-	116425	12	0.9
Vitara 1.4	(LY)[K14C]						09.15-	116425	12	0.9
Vitara 1.6	(ET)[G16A]						11.88- 12.91	110394	12	0.85
							09.91- 01.95	111070	12	1.7
	(TA)	11.88- 12.91	111279	14	50					
		09.91- 01.95	111279	14	50					
	(ET, TA)[G16B]	02.91- 03.98	111279	14	50		02.91- 03.98	110389	12	2.0
Vitara 1.6 4X4	(ET, TA)[G16A(8V)]	10.88- 12.98	111279	14	50		10.88- 12.98	110394	12	0.85
							10.88- 12.98	116629	12	0.85
Vitara 1.6 16V	(ET)[G16B]	07.90- 03.98	116751	14	70		07.90- 03.98	116629	12	0.85
		09.91- 12.94	111279	14	50		09.91- 12.94	111070	12	1.7
Vitara 1.6 i 4WD	(ET)[G16B]	09.91- 12.94	111279	14	50		09.91- 12.94	110389	12	2.0
		07.95- 03.99	111779	14	70		07.95- 03.99	110394	12	0.85
Vitara 1.9 Diesel	(ET)[XUD9A]	01.95- 03.98	112292	14	70		01.95- 03.98	112300	12	1.4
Vitara 1.9 Diesel 4WD	[XUD9A]	01.95- 03.98	112292	14	70		01.95- 03.98	112300	12	1.4
Vitara 2.0 Diesel 4WD	[RF]	03.95- 03.98	112332	14	70		03.95- 03.98	116629	12	0.85
Vitara 2.0 TD Intercooler 4WD	[RF]	12.95-	112332	14	70		12.95-	116629	12	0.85
Vitara 2.0 16V	[J20A]	12.96- 03.98	111779	14	70		12.96- 03.98	110394	12	0.85
		12.96- 03.98	113322	14	60		12.96- 03.98	116629	12	0.85
Vitara 2.0 16V 4WD	[J20A]	12.96- 03.99	111779	14	70		12.96- 03.99	110394	12	0.85
		12.96- 03.99	113322	14	60		12.96- 03.99	116629	12	0.85
Vitara 2.0 i Lang	[H20A]	12.94- 03.98	111779	14	70		12.94- 03.98	110394	12	0.85
		03.95- 03.98	111950	14	85					
Vitara 2.5 i 24V	(ET)[H25A]	03.95- 03.98	111950	14	85		03.95- 03.98	112300	12	1.4
Wagon R 1.0	[G10A]	07.03- 08.05	114894	14	60		07.03- 08.05	111310	12	0.8
	[K10A]	09.97- 05.00	113322	14	60		09.97- 05.00	111849	12	0.8
Wagon R MPV 1.3	(RB413)[M13A]	09.03- 12.10	114245	14	75		09.03- 12.10	114060	12	1.0
Wagon R+ 1.2 4WD	[K12A]	02.98-	111779	14	70		02.98-	111310	12	0.8
Wagon R+ 1.2 i	[K12A]	02.98-	111779	14	70		02.98-	114060	12	1.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



SUZUKI Continued

Wagon R+ 1.25 DDiS	(MM)[Z13DT]	09.03-	113720	14 75	A49			
		09.03-	113722	14 90	A49			
		09.03-	115963	14 90				
		09.03-	116064	14 75				
Wagon R+ 1.3	(MM)[G13BB]	05.00-	111950	14 85		05.00-	114060	12 1.0
		AC 05.00-	111779	14 70				
	(MM)[M13A]	09.03-	111950	14 85				
		09.03-	114245	14 75				
Wagon R+ 1.3 4WD	(MM)[G13BB]	10.01-	111950	14 85		10.01-	113843	12 1.1
		AC 10.01-	111779	14 70				
Wagon R+ 1.3 VVT 4WD	(MM)[M13A]	09.03-	114245	14 75		03.04-	111310	12 0.8
		03.04-	111279	14 50				
X-90 1.6 i 16V	[G16B]					09.95- 12.97	116629	12 0.85
		09.96-	111279	14 50		09.96-	110394	12 0.85
X-90 1.6 i 16V 4WD	[G16B]	09.95-	111279	14 50		09.95-	110394	12 0.85
PASSENGER CARS US								
Esteem 1.6	[G16S]	01.99- 01.99	111779	14 70				
Esteem 1.6 GL		01.95- 01.97	111779	14 70				
Esteem 1.6 GLX		01.95- 01.97	111779	14 70				
Forsa 1.0		01.87-	110965	14 50				
Forsa 1.0 V		01.87-	110965	14 50				
Forsa 1.0 Turbo		01.87-	110965	14 50				
Grand Vitara 2.0	(JT)[J20A]					10.05-	115538	12 1.4
Grand Vitara 2.4	(JT)[J24B]					09.08-	116771	12 1.4
Grand Vitara 2.5						01.99- 01.00	112300	12 1.4
Grand Vitara 2.7 XL-7						01.01- 01.01	112300	12 1.4
LJ 81 1.0		01.81-	110137	14 30				
Samurai 1.3		01.85-	110965	14 50		01.85-	110394	12 0.85
Samurai 1.3 JA		01.91- 01.93	110965	14 50		01.91- 01.93	110394	12 0.85
Samurai 1.3 JL		01.91- 01.95	110965	14 50		01.91- 01.95	110394	12 0.85
Samurai 1.3 JS		01.91- 01.91	110965	14 50				
Sidekick 1.3		01.89- 01.89	110965	14 50		01.89- 01.89	110394	12 0.85
Sidekick 1.6						01.89- 01.93	111586	12 1.4
		01.89- 01.93	111279	14 50		01.89- 01.93	110394	12 0.85
Sidekick 1.6 JA		01.96- 01.97	111279	14 50		01.96- 01.97	110394	12 0.85
Sidekick 1.6 JL						01.91- 01.91	111586	12 1.4
		01.91- 01.91	111279	14 50		01.91- 01.91	110394	12 0.85
Sidekick 1.6 JLX						01.90- 01.93	111586	12 1.4
		01.90- 01.93	111279	14 50		01.90- 01.93	110394	12 0.85
Sidekick 1.6 JS						01.90- 01.93	111586	12 1.4
		01.90- 01.93	111279	14 50		01.90- 01.93	110394	12 0.85
Sidekick 1.6 JX						01.90- 01.93	111586	12 1.4
		01.90- 01.93	111279	14 50		01.90- 01.93	110394	12 0.85
Sidekick 1.8 Sport						01.98- 01.98	110394	12 0.85
SJ 410 1.0		01.80-	110137	14 30				
SJ 413 1.3		01.85-	110965	14 50				
Swift 1.0 GA		01.92-	110967	14 50		01.92-	111310	12 0.8
		01.92-	111279	14 50				
Swift 1.3		01.89- 01.91	110967	14 50		01.89- 01.91	111310	12 0.8
		01.89- 01.91	111279	14 50				
Swift 1.3 DLX		01.95- 01.97	111279	14 50				
Swift 1.3 GA		01.90- 01.94	110967	14 50		01.90- 01.94	111310	12 0.8
		01.90- 01.94	111279	14 50				
Swift 1.3 GL		01.90- 01.90	110967	14 50		01.90- 01.90	111310	12 0.8
		01.90- 01.90	111279	14 50				
Swift 1.3 GLX		01.91- 01.91	110967	14 50		01.91- 01.91	111310	12 0.8
		01.91- 01.91	111279	14 50				
Swift 1.3 GS		01.92- 01.94	110967	14 50		01.92- 01.94	111310	12 0.8
		01.92- 01.94	111279	14 50				
Swift 1.3 GT		01.89- 01.94	110967	14 50		01.89- 01.94	111310	12 0.8
		01.89- 01.94	111279	14 50				
Swift 1.3 L		01.90- 01.90	110967	14 50		01.90- 01.90	111310	12 0.8
		01.90- 01.90	111279	14 50				
Swift 1.3 S		01.90- 01.90	110967	14 50		01.90- 01.90	111310	12 0.8
		01.90- 01.90	111279	14 50				
Swift 1.6 GL		01.93-	110967	14 50		01.93-	111310	12 0.8
Swift 1.6 GLX		01.93-	110967	14 50		01.93-	111310	12 0.8
Vitara 1.6						01.99- 01.01	110394	12 0.85
						01.99- 01.01	112300	12 1.4
						01.99- 01.01	116629	12 0.85
Vitara 2.0						01.99- 01.00	110394	12 0.85
						01.99- 01.00	112300	12 1.4
						01.99- 01.00	116629	12 0.85
X-90 1.6 JLX		01.96- 01.97	111279	14 50		01.96- 01.97	110394	12 0.85
PASSENGER CARS AO								
Splash 1.2 VVT	[K12B]					08.12-	116270	12 1.2
Swift 1.2	(FZ, NZ)[K12B]	08.12-	116439	14 80		08.12-	116270	12 1.2
Swift 1.2 4WD	(FZ, NZ)	08.12-	116439	14 80				
SX4 2.0	(GY)					01.10-	116771	12 1.4
SX4 2.0 16V 4x4	(GY)					01.10-	116771	12 1.4
MOTOR BIKES								
AN400 0.4						01.03-	114182	12 0.7
KFX80 0.8						01.03- 01.06	111922	12
LT80 0.8						01.87- 01.06	111922	12
MARINE								
DF Series							114867	12 0.9
DT20						01.86- 01.88	112008	12 0.6
DT25						01.80- 01.88	112008	12 0.6
DT30						01.83- 01.97	112008	12 0.6
DT35						01.87- 01.89	112008	12 0.6
DT40						01.80- 01.98	112008	12 0.6
PU40						01.92- 01.95	112008	12 0.6
PU55						01.89- 01.90	112008	12 0.6
Saab								
PASSENGER CARS EU								
900 2.0	[B20T]	09.78- 08.80	110911	14 55		09.78- 08.80	110847	12 1.4
	[BT20]	09.78- 08.80	110911	14 55		09.78- 08.80	110847	12 1.4
900 2.0 EMS	[B120]	01.79- 08.80	110911	14 55		01.79- 08.80	110847	12 1.4
900 2.0 i	[B204I]					12.93-	110847	12 1.4
900 2.0 Turbo	[B204L]					12.93- 08.98	110847	12 1.4



900 2.3	[B234I]				12.93- 08.98	110847	12	1.4	
900 2.5 i V6	[B258I]	07.93-	111514	14	100	07.93-	110847	12	1.4
9000 2.0	[B202I]					09.93- 12.98	110847	12	1.4
	[B202S]					09.93- 12.98	110847	12	1.4
	[B204E]					09.94- 12.98	110847	12	1.4
	[B204I]					09.93- 12.98	110847	12	1.4
	[B204S]					09.93- 12.98	110847	12	1.4
9000 2.0 Turbo	[B202S]	09.92- 12.98	111514	14	100	09.92- 12.98	110847	12	1.4
	[B204E]	09.92- 12.98	111514	14	100	09.92- 12.98	110847	12	1.4
9000 2.0 Turbo ND	[B202S]	09.93- 12.98	111514	14	100	09.93- 12.98	110847	12	1.4
	[B204E]	09.93- 12.98	111514	14	100	09.93- 12.98	110847	12	1.4
	[B204S]	09.93- 12.98	111514	14	100	09.93- 12.98	110847	12	1.4
9000 2.3	[B234I]					09.93- 12.98	110847	12	1.4
9000 2.3 Aero CS	[B234R]					09.93-	110847	12	1.4
9000 2.3 Ecopower	[B234E]					09.93- 12.98	110847	12	1.4
9000 2.3 Turbo	[B234L]					09.93- 12.98	110847	12	1.4
9000 2.3 Turbo CS	[B234L]					09.93-	110847	12	1.4
9000 2.3 Turbo CSE	[B234L]					09.93-	110847	12	1.4
9-3X 1.9 TTiD	[A19DTR]	02.09-	114088	14	140	02.09-	113931	12	1.7
		02.09-	114284	14	130	02.09-	115773	12	1.3
		02.09-	115487	14	140 A49				
	[Z19DTR]	02.09-	114088	14	140	AT 02.09-	113931	12	1.7
		02.09-	114284	14	130	02.09-	115773	12	1.3
		02.09-	115487	14	140 A49				
9-3X 2.0 Biopower BioPower	[B207R]	02.09-	113352	14	120	02.09-	114058	12	1.7
		02.09-	116197	14	120				
9-3X 2.0	[B207R]	02.09-	113352	14	120	02.09-	114058	12	1.7
		02.09-	116197	14	120				
9-3 1.8 BioPower	[B207E]	01.07-	116197	14	120	01.07-	114341	12	1.2
9-3 1.8 i	[Z18XE]	09.04-	115619	14	120	09.04-	115575	12	1.4
9-3 1.8 Turbo	[B207E]	09.02-	114257	14	140	09.02-	115597	12	1.4
		09.02-	116197	14	120	09.02-	115575	12	1.4
9-3 1.9 TiD	[Z19DT]	09.04-	113904	14	130	09.04-	114058	12	1.7
		09.04-	114284	14	130	AT 09.04-	113931	12	1.7
		09.04-	115487	14	140 A49	09.04-	115597	12	1.4
	[Z19DTH]					03.05-	115575	12	1.4
		09.04-	113904	14	130	09.04-	114058	12	1.7
		09.04-	114284	14	130	09.04-	113931	12	1.7
	09.04-	115487	14	140 A49	09.04-	115597	12	1.4	
					03.05-	115575	12	1.4	
9-3 1.9 TTiD	[A19DTR]	12.07-	114284	14	130	12.07-	113931	12	1.7
						12.07-	115597	12	1.4
	[Z19DTR]	12.07-	114284	14	130	AT 12.07-	113931	12	1.7
9-3 2.0 Biopower XWD	[B207R]	09.08-	116197	14	120	09.08-	115773	12	1.3
9-3 2.0 Biopower BioPower	[B207L]	01.07-	114257	14	140	01.07-	115597	12	1.4
		01.07-	116197	14	120	01.07-	115773	12	1.3
		05.09-	113352	14	120	05.09-	110847	12	1.4
	[B207M]	06.07-	113352	14	120	06.07-	113276	12	1.1
		06.07-	116197	14	120	06.07-	115773	12	1.3
						05.09-	110847	12	1.4
	[B207R]	09.02-	116197	14	120	09.02-	115773	12	1.3
9-3 2.0 Turbo Biopower	[B207M]	02.09-	113352	14	120	02.09-	114058	12	1.7
		02.09-	116197	14	120	02.09-	115773	12	1.3
9-3 2.0 Turbo Biopower XWD	[B207R]	06.08-	116197	14	120	06.08-	115773	12	1.3
9-3 2.0 BioPower		06.07-	116197	14	120	06.07-	114124	12	1.8
9-3 2.0	[B207E]	03.05-	116197	14	120	03.05-	115773	12	1.3
	[B207G]	01.07-	113352	14	120	01.07-	114058	12	1.7
		01.07-	116197	14	120	01.07-	115773	12	1.3
	[B207L]	04.06- 09.07	116197	14	120	04.06- 09.07	114124	12	1.8
	[B207M]	02.09-	113352	14	120	02.09-	113276	12	1.1
		02.09-	116197	14	120	02.09-	115773	12	1.3
	[B207R]	09.02-	114257	14	140	09.02-	115597	12	1.4
		01.08-	116197	14	120	01.08-	115773	12	1.3
	05.09-	113352	14	120	05.09-	110847	12	1.4	
9-3 2.0 BioPower	[B207L]	01.07-	116197	14	120	01.07-	114124	12	1.8
					01.07-	114341	12	1.2	
9-3 2.0 XWD	[B207G]	01.07-	113352	14	120	01.07-	113674	12	2.0
		01.07-	116197	14	120	01.07-	115773	12	1.3
9-3 2.0 Biopower BioPower		AT 06.07- 02.15	113352	14	120	06.07- 02.15	114058	12	1.7
		06.07- 02.15	116197	14	120				
9-3 2.0 i	[B204I]	02.98- 08.00	113273	14	140	02.98- 08.00	110847	12	1.4
9-3 2.0 Turbo	[B204E]	10.00-	113273	14	140	10.00-	110847	12	1.4
	[B205E]	01.01- 08.03	113273	14	140	01.01- 08.03	110847	12	1.4
	[B205R]	03.98- 08.00	113273	14	140	03.98- 08.00	110847	12	1.4
	[B207E]	03.05-	113352	14	120	03.05-	110847	12	1.4
		03.05-	116197	14	120	03.05-	114341	12	1.2
	[B207G]	01.07-	113352	14	120	01.07-	114058	12	1.7
		01.07-	116197	14	120	01.07-	115773	12	1.3
						01.11-	113674	12	2.0
[B207L]	09.02-	114257	14	140	09.02-	115597	12	1.4	
	08.03-	116197	14	120	08.03-	115575	12	1.4	
					03.05-	114341	12	1.2	
[B207R]	09.02-	114257	14	140	09.02-	115597	12	1.4	
	09.02-	116197	14	120	09.02-	114341	12	1.2	
					08.03-	115575	12	1.4	
		05.09-	113352	14	120	05.09-	114058	12	1.7
9-3 2.0 Turbo SE	[B204R]	09.98- 08.00	113273	14	140	09.98- 08.00	110847	12	1.4
9-3 2.0 Turbo XWD	[B207R]	05.09-	113352	14	120	05.09-	114058	12	1.7
		05.09-	116197	14	120				
9-3 2.0 Turbo	[B207E]	03.05- 02.15	116197	14	120	03.05- 02.15	114058	12	1.7
		AT 03.05- 02.15	113352	14	120				
9-3 2.2 TD	[D223L]	09.02-	114468	14	140	09.02-	115597	12	1.4
9-3 2.3 Turbo	[B235R]	09.99- 08.00	113273	14	140	09.99- 08.00	110847	12	1.4
9-5 1.9 TiD	[Z19DTH]	01.06-	114284	14	130	01.06-	113931	12	1.7
	[Z19DTR]	01.07-	114284	14	130	01.07-	113931	12	1.7
9-5 2.0 Turbo Biopower	[A20NHT]	05.10-	115478	14	120	05.10-	115575	12	1.4
9-5 2.0 TTiD	[A20DTR]	05.10-	114202	14	100	05.10-	114058	12	1.7
		05.10-	114847	14	140	05.10-	115575	12	1.4
9-5 2.0 BioPower	[B205E]	01.06-	116197	14	120	01.06-	115745	12	2.2



SAAB Continued

9-5 2.0 Turbo	[A20NHT]	05.10-	115478	14	120	05.10- 05.10- 05.10-	114526 115575 115773	12	2.0 1.4 1.3	
	[B204R]	Chas. 13054632-	09.99- 08.00	113273	14	140	09.99- 08.00	110847	12	1.4
	[B205E]		09.97- 09.00	116199	14	140	09.97- 09.00	115773	12	1.3
9-5 2.2 TiD	[D223L]		03.02-	114656	14	140	03.02- 03.02-	113931 115597	12	1.7 1.4
9-5 2.3 Turbo 16V	[B235E]	Chas. 13054632-	09.97- 08.00	113273	14	140	09.97- 08.00	110847	12	1.4
9-5 2.3 Turbo	[B235E]	Chas. 13054632- Chas. 13054632-	01.01-	113273	14	140	Chas. W3084484-, X3003578- 01.01- 06.99- 08.00	110847 113674	12	1.4 2.0
	[B235L]		07.03-	113273	14	140	07.03-	110847	12	1.4
	[B235R]		09.01-	113273	14	140	09.01- 01.06-	110847 113674	12	1.4 2.0
9-5 2.8 V6 XWD	[A28NER]		05.10- 01.12	116665	14	150	05.10- 01.12	115773	12	1.3
9-5 3.0 TiD	[D308L]		07.01-	115907	14	140	07.01- 07.01-	114298 114526	12	1.1 2.0
PASSENGER CARS US										
900 2.0 Turbo	[B202L]						01.94- 01.94	110847	12	1.4
900 2.0 Turbo Commemorative	[B202R]						01.94- 01.94	110847	12	1.4
900 2.0 Turbo S	[B204L]						01.98- 01.98	110847	12	1.4
900 2.0 Turbo SE	[B204L]						01.94- 01.97	110847	12	1.4
900 2.3 S	[B234L]						01.94- 01.97	110847	12	1.4
9000 2.3 Turbo AERO	[B234L]						01.96- 01.97	110847	12	1.4
	[B234R]						01.96- 01.97	110847	12	1.4
9000 2.3 Turbo CS	[B234E]						01.95- 01.97	110847	12	1.4
9000 2.3 Turbo CSE	[B234L]						01.95- 01.97	110847	12	1.4
	[B234R]						01.98- 01.98	110847	12	1.4
9-2X 2.5	[EJ253]	01.06-	114214	14	80					
9-2X 2.5 Linear	[Z51]	01.05-	113634	14	90					
	[Z53]	01.05-	113634	14	90					
9-2X 2.5 Turbo Aero	[EJ255]	01.06-	114214	14	80					
9-3 2.0 Turbo	[B204L]						01.99- 01.99	110847	12	1.4
	[B205L]						01.00- 01.01	110847	12	1.4
	[B205R]						01.02- 01.02	110847	12	1.4
9-3 2.0 Turbo SE	[B204R]						01.99- 01.99	110847	12	1.4
	[B205R]						01.00- 01.01	110847	12	1.4
9-3 2.3 Turbo Viggen	[B235R]						01.00- 01.02	110847	12	1.4
9-5 2.3 Turbo	[B235E]						01.00- 01.01	110847	12	1.4
9-5 2.3 Turbo Aero	[B235R]						01.00- 01.01	110847	12	1.4
PASSENGER CARS AO										
9-5 2.0 Turbo SE	[B205E]						10.98- 07.00	110847	12	1.4
Takeuchi										
INDUSTRY										
TB045 Excavators	[3TNV88]		113742	14	40			112374	12	2.5
TB1140 Excavators	[4BG1T]		115994	28	40			111254 114324	24	4.5 4.5
TB138FR Excavators	[3TNV88]		113742	14	40			112374	12	2.5
TB20R Excavators	[3TNV76]		113742	14	40					
TB210R Excavators	[D722-E]		114205	14	40			110447 114485 116537	12	1.0 1.1 1.4
TB230 Excavators	[3TNV88]		113742	14	40			112374	12	2.5
TB235 Excavators	[3TNV88]		113742	14	40			112374	12	2.5
TB23R Excavators	[3TNV76]		113742	14	40					
TL140 Terrain Loader	[Isuzu]		115432	14	50					
TS50R Skid Steer Loaders	[404D-22]		113763	14	85			115325	24	2.5
TS50V Skid Steer Loaders	[404D-22]		113763	14	85			115325	24	2.5
TS80R2 Skid Steer Loaders	[TD 2.9L4]		116544	14	95			113181	12	2.3
			116547	14	120					
TS80V2 Skid Steer Loaders	[TD 2.9L4]		116544	14	95			113181	12	2.3
			116547	14	120					
Talbot										
PASSENGER CARS EU										
Express 1.8	[XM7T]						09.81- 12.93	111066	12	1.05
Express 1.9 Diesel	[XUD9A]	07.87- 10.90	111076	14	50		07.87- 10.90 11.87- 12.93	111115 111070	12	2.2 1.7
Express 2.0	[XN1TA]						09.81- 12.93	111066	12	1.05
Express 2.5 Diesel	[CRD93]						09.81- 12.93	111115	12	2.2
Express 2.5 Diesel 4x4	[CRD93]						09.81- 12.93	111115	12	2.2
Express 2.5 TD	[CRD93LS]						09.81- 12.93	111066	12	1.05
							06.87- 12.93	111115	12	2.2
Express 2.5 TD 4x4	[CRD93LS]						09.81- 12.93	111066	12	1.05
							11.88- 12.93	111115	12	2.2
Horizon 1.9 Diesel	[XUD9]	07.82- 06.86	111076	14	50		07.82- 06.86	111070	12	1.7
Samba 1.0	[5C1 (XV5)]	01.81- 12.85	111075	14	55					
	[5C1 (XV8)]	06.83- 12.87	111075	14	55					
Samba 1.1	[XW7]	01.81- 06.86	111075	14	55					
Samba 1.2 Rallye	[129D]	06.83- 12.87	111075	14	55					
Samba 1.4	[150D]	06.83- 10.86	111075	14	55					
	[XY7]	06.83- 12.87	111075	14	55					
	[XY8]	01.81- 06.86	111075	14	55					
Samba 1.4 Rallye	[XY8]	01.83- 10.86	111075	14	55					
Solara 1.6	[J1B]						11.84- 07.86	111070	12	1.7
Sunbeam 1.3 Simca	[JB]	07.77- 04.81	110178	14	36					
Sunbeam 1.6 Simca	[TB]	10.78- 04.81	110178	14	36					
Tata										
PASSENGER CARS EU										
Safari 1.9 Diesel	[483DL]	04.00-	112650	14	65					
TCM										
FORK LIFTS										
CG15L,CG18L CG20L & CS25L Forklifts	[K21(L)]		112069	14	50			114479	12	1.2
CG20HL CG25HL CG28HL & CG30HL	[K25(L)]		112069	14	50			114479	12	1.2
FC 3024								111709	12	2.2
								111683	12	2.0
								111573	12	2.8
FCG15-3/3H & FCG20-3/3H Forklifts	[K21(L)]		112069	14	50			114479	12	1.2
	[K25(L)]		112069	14	50			114479	12	1.2
FCG15-A1 CUSHION Forklifts	[K21(L)]		112069	14	50			114479	12	1.2
FCG18-A1 CUSHION Forklifts	[K21(L)]		112069	14	50			114479	12	1.2
FCG20-A1 CUSHION Forklifts	[K21(L)]		112069	14	50			114479	12	1.2



FCG25-3/3H & FCG30-3/3H Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
	[K25(L)]	112069	14	50	114479	12	1.2
FCG25-A1 CUSHION Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
FCG28-A1 CUSHION Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FCG30-A1 CUSHION Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FCG36-8 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FCG36-8L Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FCG36-A1 CUSHION Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FD10Z 14Z 15Z 18Z 20Z					116445	12	1.4
FD35T9 & FD40T9 Forklifts	[S65]	116529	14	50	116536	12	3.0
FD40T9 Forklifts	[S65]	116529	14	50	116536	12	3.0
FD45T9 Forklifts	[S65]	116529	14	50	116536	12	3.0
FG 15	[A15]	110128	14	35	110256	12	0.8
					110155	12	0.85
					111452	12	0.8
FG 20					111452	12	0.8
		110128	14	35	110256	12	0.8
		112068	14	35	110155	12	0.85
FG15-A1 PNEUMATIC Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
FG18-A1 PNEUMATIC Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
FG20-A1 PNEUMATIC Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
FG20T7 & FG25T7 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
FG25-A1 PNEUMATIC Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
FG30T7 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
FG35-A1 PNEUMATIC Forklifts	[TB45E(L)]	116530	14	100			
FG35T2 & FG40T2 Forklifts	[TB45E(L)]	116530	14	100			
FG35T2L & FHG36T3L Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FG40-A1 PNEUMATIC Forklifts	[TB45E(L)]	116530	14	100			
FG40T2L & FG45T2L Forklifts	[TB45E(L)]	116530	14	100			
FG45-A1 PNEUMATIC Forklifts	[TB45E(L)]	116530	14	100			
FG45T2 Forklifts	[TB45E(L)]	116530	14	100			
FG50-A1 PNEUMATIC Forklifts	[TB45E(L)]	116530	14	100			
FHG15T2 & FHG18T2 Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
FHG20-A1 PNEUMATIC Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FHG20T7 & FHG25T7 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FHG25-A1 PNEUMATIC Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FHG30-A1 PNEUMATIC Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
FHG30T7 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FHG35S-A1 PNEUMATIC Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FHG36T3 Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
FT 25					110412	12	2.2
G20L Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
G25L Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
G30L Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
HG15L & HG18L Forklifts	[K21(L)]	112069	14	50	114479	12	1.2
HG20L Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
HG25L Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
HG30L Forklifts	[K25(L)]	112069	14	50	114479	12	1.2
Various Models	[Kubota V3300]				114167	12	3.0
Various Models	[15-20T]				114346	24	5.5
INDUSTRY							
L4 Wheel Loaders and Dozers	[V1505-E]	113856	14	40	111021	12	1.4
Tecomseh							
MOTORS							
HM70 - HM100					112312	12	0.48
OH50					112566	12	0.5
OHH50					112566	12	0.5
OHV110					112566	12	0.5
OHV120					112566	12	0.5
OHV130					112566	12	0.5
OHV135					112565	12	0.5
					112566	12	0.5
					112565	12	0.5
OHV14					112565	12	0.5
OHV145					112565	12	0.5
OHV15					112565	12	0.5
OHV150					112565	12	0.5
OHV155					112565	12	0.5
OHV16					112565	12	0.5
OHV160					112565	12	0.5
OHV165					112565	12	0.5
OHV17					112565	12	0.5
OHV170					112565	12	0.5
OHV175					112565	12	0.5
OV120					112312	12	0.48
OVXL120					112312	12	0.48
TVM170 - TVM220					112312	12	0.48
TVXL170 - TVXL220					112312	12	0.48
MISCELLANEOUS							
Various Models					112313	12	0.5
Teksan							
MOTORS							
TJ145PE5A	[1006-TAG]				115389	12	4.2
Terex							
FORK LIFTS							
AUGER DRILL 650 Bore/Drill Rigs	[6068T]	113986	14	120	115357	12	4.2
					116535	12	3.0
AUGER DRILL 800 Bore/Drill Rigs	[6068T]	113986	14	120	115357	12	4.2
					116535	12	3.0
CD 100 Cranes	[483.9]	111888	14	65	113725	12	2.5
CD 200 Cranes	[483.9]	111888	14	65	113725	12	2.5
GTH-844 Rough Terrain Forklifts	[854E-E34TA - FPI]	114450	14	120	114388	12	3.2
					116308	12	3.2
LCD150 Cranes	[483.9]	111888	14	65	113725	12	2.5
SF80 Forklifts	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
TA64 Aerial Lifts	[483.9]	111888	14	65	113725	12	2.5
TB42/50 Aerial Lifts	[483.9]	111888	14	65	113725	12	2.5
TB60/66 Aerial Lifts	[483.9]	111888	14	65	113725	12	2.5
TB85/100/110 Aerial Lifts	[483.9]	111888	14	65	113725	12	2.5

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



TEREX Continued

INDUSTRY					
114 Excavators	[103-10]	110770	14 55	112534	12 2.0
115 Excavators	[103-10]	110770	14 55	112534	12 2.0
128 Excavators	[103-15]	110770	14 55	110615	12 2.8
				115393	12 4.0
130 Excavators	[103-15]	110770	14 55	110615	12 2.8
				115393	12 4.0
135 Excavators	[103-15]	110770	14 55	110615	12 2.8
				115393	12 4.0
204 Mixers	[GX120]			113671	12
306 Mixers	[GX160]			113671	12
330 Pumps	[8035.05]	110882	14 45	110813	12 2.7
	[8035.25]	114669	14 65	110813	12 2.7
				110529	12 3.0
624 Finishing Equipment	[GX120]			113671	12
640 Tractor/Loader/Backhoes	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
650 Tractor/Loader/Backhoes	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
660 Tractor/Loader/Backhoes	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
760 Tractor/Loader/Backhoes	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
820 Tractor/Loader/Backhoes	[1104C-44T]	113763	14 85	113654	12 3.0
860 Tractor/Loader/Backhoes	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
873		114714	28 80		
960 Tractor/Loader/Backhoes	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
965 Tractor/Loader/Backhoes	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
1304 Excavators	[BF4M1012E B]	116018	28 55	112494	24 4.0
				112071	12 3.0
1704 Excavators	[BF6L913]	112098	14 65	113467	12 3.7
1804 Excavators	[BF6L913C]	112098	14 65	113467	12 3.7
1821 Plate Compactors	[GX140]			113671	12
1824 Plate Compactors	[GX140]			113671	12
2515 Aerial Lifts	[D722-E]	114205	14 40	114320	12 3.0
				116537	12 1.4
	[F2L1011]	112183	14 60	110447	12 1.0
		112548	14 60	112041	12 2.2
		114077	28 40	114485	12 1.1
				116128	12 3.2
2570 Aerial Lifts	[F3L1011]	112183	14 60	112041	12 2.2
		113991	14 80		
		114077	28 40		
3020 Aerial Lifts	[D722-E]	114205	14 40	114320	12 3.0
				116537	12 1.4
	[F2L1011]	112183	14 60	110447	12 1.0
		112548	14 60	112041	12 2.2
		114077	28 40	114485	12 1.1
				116128	12 3.2
3715 Aerial Lifts	[103-15]	110770	14 55	110615	12 2.8
	[F2L1011]	112183	14 60	112041	12 2.2
		112548	14 60	115393	12 4.0
		114077	28 40	114320	12 3.0
				116128	12 3.2
4612 Aerial Lifts	[103-15]	110770	14 55	110615	12 2.8
	[F2L1011]	112183	14 60	112041	12 2.2
		112548	14 60	115393	12 4.0
		114077	28 40	114320	12 3.0
				116128	12 3.2
6625 Excavators	[6BTA5.9]	111843	14 95		
125 R Cranes	[BF6L913]	112098	14 65	113467	12 3.7
1304K Excavators	[BF4L913]	113470	28 35	110512	24 5.4
1604K Excavators	[BF4L913]	113470	28 35	110512	24 5.4
1821H Plate Compactors	[GX160]			113671	12
1821L Plate Compactors	[GX160]			113671	12
1821S Plate Compactors	[GX160]			113671	12
1824H Plate Compactors	[GX160]			113671	12
1824L Plate Compactors	[GX160]			113671	12
1824S Plate Compactors	[GX160]			113671	12
2000 SERIES Rough Terrain Forklifts	[8035.05]	110882	14 45	110813	12 2.7
	[8035.25]	114669	14 65	110813	12 2.7
				110529	12 3.0
3000 SRS TX66 Rough Terrain Forklifts	[1104C-44]	114772	14 95	113654	12 3.0
		116456	14 95	114264	12 4.2
30KBDF Aerial Lifts	[F2L1011]	112183	14 60	112041	12 2.2
		112548	14 60	114320	12 3.0
		114077	28 40	116128	12 3.2
3500 SRS TX77 Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
41KBDF Aerial Lifts	[F2L1011]	112183	14 60	112041	12 2.2
		112548	14 60	114320	12 3.0
		114077	28 40	116128	12 3.2
620P Crushing and Processing E	[BF4L913]	113470	28 35	110512	24 5.4
620R Crushing and Processing E	[BF4L913]	113470	28 35	110512	24 5.4
628R Crushing and Processing E	[BF6L913]	112098	14 65	113467	12 3.7



650B Tractor/Loader/Backhoes	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
650B Wheel Loaders and Dozers	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
660B Tractor/Loader/Backhoes	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
727 MAGNUM II Crushing and Processing E	[BF6L913]	112098	14	65	113467	12	3.7
860 ELITE Tractor/Loader/Backhoes	[1104C-44T]	113763	14	85	113654	12	3.0
860 SX Tractor/Loader/Backhoes	[1104C-44T]	113763	14	85	113654	12	3.0
860SB Tractor/Loader/Backhoes	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
860SE Tractor/Loader/Backhoes	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
880 ELITE Tractor/Loader/Backhoes	[1104C-44T]	113763	14	85	113654	12	3.0
880 SX Tractor/Loader/Backhoes	[1104C-44T]	113763	14	85	113654	12	3.0
970 ELITE Tractor/Loader/Backhoes	[1104C-44T]	113763	14	85	113654	12	3.0
980 ELITE Tractor/Loader/Backhoes	[1104C-44T]	113763	14	85	113654	12	3.0
A 135 HP SRS Cranes	[6BT5.9]	111843	14	95			
A 152 HP SRS Cranes	[6BT5.9]	111843	14	95			
AL5 12KW Light Plants and Signal B	[V1505-E]	113856	14	40	111021	12	1.4
AL5HT 12KW Light Plants and Signal B	[V1505-E]	113856	14	40	111021	12	1.4
ALFA 150 Cranes	[6BT5.9]	111843	14	95			
B1318 Plate Compactors	[GX120]				113671	12	
B430 Finishing Equipment	[GX140]				113671	12	
B436 Finishing Equipment	[GX140]				113671	12	
BPC-1535 Plate Compactors	[GX160]				113671	12	
BPC-1850 Plate Compactors	[GX160]				113671	12	
BPC-40 Plate Compactors	[GX120]				113671	12	
BPC-51 Plate Compactors	[GX160]				113671	12	
C35 Mixers	[GX120]				113671	12	
C-4L Mixers	[GX140]				113671	12	
	[GX160]				113671	12	
C60 Mixers	[GX160]				113671	12	
CD 225 Cranes	[6BT5.9]	111843	14	95			
	[QSB4.5]	116317	28	70			
CN114 Cranes	[6BT5.9]	111843	14	95			
CN128 Cranes	[6BT5.9]	111843	14	95			
COMMANDER SRS Crushing and Processing E	[BF4L913]	113470	28	35	110512	24	5.4
CR 400 SERIES Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
CR 500 SERIES Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
CR662RM Pavers	[QSB6.7]	116317	28	70	114326	24	7.5
GS2668/3268RT Aerial Lifts	[403C-11]	111048	14	40	112534	12	2.0
		113921	14	40			
GS-3384 RT Aerial Lifts	[D 2011 L3i]	115970	14	55			
	[F3L1011]	112183	14	60	112041	12	2.2
		113991	14	80	113181	12	2.3
		114077	28	40			
GS-3390 RT Aerial Lifts	[D 2011 L3i]	115970	14	55	113181	12	2.3
GS-4390 RT Aerial Lifts	[D 2011 L3i]	115970	14	55	113181	12	2.3
GS-5390 RT Aerial Lifts	[D 2011 L3i]	115970	14	55	113181	12	2.3
GTH-644 Rough Terrain Forklifts	[1104C-44T]	113763	14	85	113654	12	3.0
GTH-842 Rough Terrain Forklifts	[1104C-44T]	113763	14	85	113654	12	3.0
GTH-844 Rough Terrain Forklifts	[1104C-44T]	113763	14	85	113654	12	3.0
HC 100 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
HC 110 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
HC 50 Cranes	[6BTA5.9]	111843	14	95			
HC 50 & HC 60 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
HC 60 Cranes	[6BTA5.9]	111843	14	95	114326	24	7.5
	[QSB6.7]	116317	28	70			
HC 80 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
HML 31 Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0
					112071	12	3.0
HML 41 Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0
					112071	12	3.0
HOIST, BH750 Other Industrial Equipment	[GX140]				113671	12	
	[GX160]				113671	12	
HR 18 Excavators	[S4Q2]	113401	14	40			
HR 31 & HR 32 Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0
					112071	12	3.0
HR 41 & HR 42 Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0
					112071	12	3.0
HR20 Excavators	[S4Q2]	113401	14	40			
HS 41 SER Excavators	[BF4M1012E B]	116018	28	55	112494	24	4.0
					112071	12	3.0
LRT SERIES Cranes	[6BT5.9]	111843	14	95			
MAC-14 Cranes	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
MARINE 35 Mixers	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
MARINER 17 Mixers	[8035.05]	110882	14	45	110813	12	2.7
	[8035.25]	114669	14	65	110813	12	2.7
					110529	12	3.0
MHB 230C Excavators	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
MHL 320 Cranes	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			



TEREX Continued

MHL 331 Cranes	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
MODEL 466 Crushing and Processing E	[BF4L913]	113470	28	35	110512	24	5.4
MOSQUITO 06 OPT Mixers	[F2L1011]	112183	14	60	112041	12	2.2
		112548	14	60	114320	12	3.0
		114077	28	40	116128	12	3.2
PB14W/R Dumpers/Tenders	[GX160]				113671	12	
PT 7000 Dumpers/Tenders	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
PT 9000 Dumpers/Tenders	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
PT SERIES Finishing Equipment	[GX140]				113671	12	
	[GX160]				113671	12	
PT/PS 2000 Dumpers/Tenders	[F2L1011]	112183	14	60	112041	12	2.2
		112548	14	60	114320	12	3.0
		114077	28	40	116128	12	3.2
PT/PS 5000 Dumpers/Tenders	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
PT/PS 6000 Dumpers/Tenders	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
PT-50 (AUSTRALIAN CTL) Skid Steer Loaders	[404D-22]	113763	14	85	115325	24	2.5
QUADSTAR 1100 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
R160T Skid Steer Loaders	[404D-22]	113763	14	85	115325	24	2.5
R165S Skid Steer Loaders	[404D-22]	113763	14	85	115325	24	2.5
R185S Skid Steer Loaders	[404D-22]	113763	14	85	115325	24	2.5
R260S Skid Steer Loaders	[TD 2.9L4]	116544	14	95	113181	12	2.3
		116547	14	120			
RT 200 Cranes	[6BT5.9]	111843	14	95			
RT 230 & RT 230XL Cranes	[6BT5.9]	111843	14	95			
		[QSB4.5]					
RT 300 Cranes	[6BT5.9]	111843	14	95			
RT 335-1 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
RT 400 Cranes	[6BTA5.9]	111843	14	95			
RT 555 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
RT 555-1 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
RT 665 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
RT 775 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
RT100 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
RT230 Cranes	[QSB4.5]	116317	28	70			
RT230 XL Cranes	[QSB4.5]	116317	28	70			
RT230-1 Cranes	[QSB4.5]	116317	28	70			
RT230-1 XL Cranes	[QSB4.5]	116317	28	70			
RT345-1 XL Cranes	[QSB4.5]	116317	28	70			
RT500 Cranes	[6BTA5.9]	111843	14	95			
RT670 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
RT780 Cranes	[QSB6.7]	116317	28	70	114326	24	7.5
S100/S105 Aerial Lifts	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
S120/125 Aerial Lifts	[1104C-44]	114772	14	95	113654	12	3.0
		116456	14	95	114264	12	4.2
S40 SERIES Aerial Lifts	[F3L1011]	112183	14	60	112041	12	2.2
		113991	14	80			
		114077	28	40			
S40/S45 Aerial Lifts	[F3L1011]	112183	14	60	112041	12	2.2
		113991	14	80			
		114077	28	40			
S40/S45 & TRAX Aerial Lifts	[D 2011 L3i]	115970	14	55	113181	12	2.3
S60 & S65 TRAX Aerial Lifts	[D 2011 L3i]	115970	14	55	113181	12	2.3
S-60 HC Aerial Lifts	[D 2011 L3i]	115970	14	55	113181	12	2.3
S60/S65 Aerial Lifts	[F3L1011]	115970	14	55			
		112183	14	60	112041	12	2.2
		113991	14	80	113181	12	2.3
		114077	28	40			
S60X/S60XC/S60X TRAX Aerial Lifts	[D 2011 L3i]	115970	14	55	113181	12	2.3
S-65 & S-65 TRAX Aerial Lifts	[D 2011 L3i]	115970	14	55	113181	12	2.3
SCOUT ST50 Utility Vehicles	[404D-22]	113763	14	85	115325	24	2.5
SKB 1000T Tractor/Loader/Backhoes	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
SKL 821 Wheel Loaders and Dozers	[F3L1011]	112183	14	60	112041	12	2.2
		113991	14	80			
		114077	28	40			
SKL 863 (KF) Wheel Loaders and Dozers	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
SP 2006/2008 Rollers	[1004-4T]	111355	14	65	114388	12	3.2
		112698	14	100	116308	12	3.2
		114772	14	95			
SP 2010/2012 Rollers	[6BT5.9]	111843	14	95			
SP8G Surfacing Equipment	[GX160]				113671	12	
SPREADER Other Construction Equipm	[GX160]				113671	12	
SS-1048C Rough Terrain Forklifts	[4045T]	112062	14	115	114275	12	4.0
		113707	14	200			
		114379	14	150			
		114681	14	90			
		116623	14	200			
SS-1056C Rough Terrain Forklifts	[4045T]	112062	14	115	114275	12	4.0
		113707	14	200			
		114379	14	150			
		114681	14	90			
		116623	14	200			



SS-636C Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
SS-644C Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
SS-842C Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
SS-844C Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
SX-150 Aerial Lifts	[854F-E34T - FPI]	114450	14 120	114388	12 3.2 A49
				116308	12 3.2
SX-180 Aerial Lifts	[854F-E34T - FPI]	114450	14 120	114388	12 3.2 A49
				116308	12 3.2
T15G Generator Sets	[V1505-E]	113856	14 40	111021	12 1.4
T15G (GEN-PAC) Generator Sets	[V1505-E]	113856	14 40	111021	12 1.4
T180 Generator Sets	[Q5B6.7]	116317	28 70	114326	24 7.5
T200 T200	[1104C-44T]	113763	14 85	113654	12 3.0
TA2 Dumpers/Tenders	[D1703-M]	113921	14 40	113893	12 1.2
TA2E Dumpers/Tenders	[D1703-M]	113921	14 40	113893	12 1.2
TA2H Dumpers/Tenders	[D1703-M]	113921	14 40	113893	12 1.2
TA2S Dumpers/Tenders	[D1703-M]	113921	14 40	113893	12 1.2
TA2SE Dumpers/Tenders	[D1703-M]	113921	14 40	113893	12 1.2
TA2SEH Dumpers/Tenders	[D1703-M]	113921	14 40	113893	12 1.2
TA2SH Dumpers/Tenders	[D1703-M]	113921	14 40	113893	12 1.2
TA3 Dumpers/Tenders	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
TA3.5SH Dumpers/Tenders	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
TA3H Dumpers/Tenders	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
TA3S Dumpers/Tenders	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
TA3SH Dumpers/Tenders	[V2203-M]	113921	14 40	110720	12 1.4
				111197	12 2.0
TC15 Excavators	[L3E]	114079	14 40	114444	12 1.6
TC16 Excavators	[L3E]	114079	14 40	114444	12 1.6
TC20 Excavators	[L3E]	114079	14 40	114444	12 1.6
TC25 Excavators	[S3L2]	114902	14 90	110933	12 1.4
TC48 Excavators	[S4Q2]	113401	14 40		
TC50 Excavators	[3TNV88]	113742	14 40	112374	12 2.5
TC60 Excavators	[S4Q2]	113401	14 40		
TELERAM 3 Rough Terrain Forklifts	[BSD444]			110462	12 2.8
				110813	12 2.7
TELESTAR Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
TH-1048C Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
TH-1056C Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
TH528 Rough Terrain Forklifts	[483.9]	111888	14 65	113725	12 2.5
TH-636C Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
TH-644C Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
TH-842C Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
TH-844C Rough Terrain Forklifts	[4045T]	112062	14 115	114275	12 4.0
		113707	14 200		
		114379	14 150		
		114681	14 90		
		116623	14 200		
TL120 Wheel Loaders and Dozers	[1104C-44]	114772	14 95	113654	12 3.0
		116456	14 95	114264	12 4.2
TL160 Wheel Loaders and Dozers	[1104C-44T]	113763	14 85	113654	12 3.0
TL210 Wheel Loaders and Dozers	[Q5B6.7]	116317	28 70	114326	24 7.5
TL310 Wheel Loaders and Dozers	[Q5B6.7]	116317	28 70	114326	24 7.5
TLB 818 Tractor/Loader/Backhoes	[1104C-44T]	113763	14 85	113654	12 3.0
TLB 818S Tractor/Loader/Backhoes	[1104C-44T]	113763	14 85	113654	12 3.0
TLK 860 Tractor/Loader/Backhoes	[1004-4T]	111355	14 65	114388	12 3.2
		112698	14 100	116308	12 3.2
		114772	14 95		
TRIATR 3024 Rough Terrain Forklifts	[BSD444]			110462	12 2.8
				110813	12 2.7

**TEREX Continued**

TRISTAR 3034 Rough Terrain Forklifts	[BSD444]			110462	12	2.8
				110813	12	2.7
TROMMEL 615 Crushing and Processing	[BF4L913]	113470	28 35	110512	24	5.4
TS350 Rough Terrain Forklifts	[1004-4T]	111355	14 65	114388	12	3.2
		112698	14 100	116308	12	3.2
		114772	14 95			
TSR50 Skid Steer Loaders	[404D-22]	113763	14 85	115325	24	2.5
TSV50 Skid Steer Loaders	[404D-22]	113763	14 85	115325	24	2.5
TV1000 Rollers	[D1703-M]	113921	14 40	114320	12	3.0
	[F2L1011]	112183	14 60	112041	12	2.2
		112548	14 60	113893	12	1.2
				114320	12	3.0
		114077	28 40	116128	12	3.2
TV1000-1 Rollers	[D1703-M]	113921	14 40	113893	12	1.2
TV1200 Rollers	[F2L1011]	112183	14 60	112041	12	2.2
		112548	14 60	114320	12	3.0
		114077	28 40	116128	12	3.2
TV1200 & TV1200H Rollers	[D1703-M]	113921	14 40	113893	12	1.2
TV1200-1 & TV12200H-1 Rollers	[D1703-M]	113921	14 40	113893	12	1.2
TV1300 Rollers	[F3L1011]	112183	14 60	110720	12	1.4
				111197	12	2.0
		113991	14 80	112041	12	2.2
		114077	28 40			
	[V2203-M]	113921	14 40	112041	12	2.2
TV1300-1 Rollers	[V2203-M]	113921	14 40	110720	12	1.4
				111197	12	2.0
TV1400 Rollers	[F3L1011]	112183	14 60	110720	12	1.4
				111197	12	2.0
		113991	14 80	112041	12	2.2
		114077	28 40			
	[V2203-M]	113921	14 40	112041	12	2.2
TV1400-1 Rollers	[V2203-M]	113921	14 40	110720	12	1.4
				111197	12	2.0
TX760B Tractor/Loader/Backhoes	[1104C-44T]	113763	14 85	113654	12	3.0
TX860B Tractor/Loader/Backhoes	[1104C-44T]	113763	14 85	113654	12	3.0
TX870B Tractor/Loader/Backhoes	[1104C-44T]	113763	14 85	113654	12	3.0
TX970B Tractor/Loader/Backhoes	[1104C-44T]	113763	14 85	113654	12	3.0
UC-15 Cranes	[1004-4T]	111355	14 65	114388	12	3.2
		112698	14 100	116308	12	3.2
		114772	14 95			
V200S Skid Steer Loaders	[404D-22]	113763	14 85	115325	24	2.5
V350S Skid Steer Loaders	[TD 2.9L4]	116544	14 95	113181	12	2.3
		116547	14 120			
VIBRATORYSCREED Finishing Equipment	[GX160]			113671	12	
VPC-52 Plate Compactors	[GX160]			113671	12	
VRC SERIES Rollers	[GX140]			113671	12	
	[GX160]			113671	12	
W 2 Rough Terrain Forklifts	[D722-E]	114205	14 40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
Y SERIES Aerial Lifts	[D722-E]	114205	14 40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
Z 1 Rough Terrain Forklifts	[D722-E]	114205	14 40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
Z MINI Rough Terrain Forklifts	[D722-E]	114205	14 40	110447	12	1.0
				114485	12	1.1
				116537	12	1.4
Z-135/70 Aerial Lifts	[1104C-44]	114772	14 95	113654	12	3.0
		116456	14 95	114264	12	4.2
Z34/22 IC Aerial Lifts	[403C-11]	111048	14 40	112534	12	2.0
		113921	14 40			
Z45/22IC Aerial Lifts	[F3L1011]	112183	14 60	112041	12	2.2
		113991	14 80			
		114077	28 40			
Z45/25 & Z45/25J IC NARROW Aerial Lifts	[D 2011 L3i]	115970	14 55			
	[F3L1011]	112183	14 60	112041	12	2.2
		113991	14 80	113181	12	2.3
		114077	28 40			
Z-45/25 RT & Z-45/25J RT Aerial Lifts	[D 2011 L3i]	115970	14 55	113181	12	2.3
Z45/25(6J) RT Aerial Lifts	[F3L1011]	112183	14 60	112041	12	2.2
		113991	14 80			
		114077	28 40			
Z45/25JRTNARROW Aerial Lifts	[F3L1011]	112183	14 60	112041	12	2.2
		113991	14 80			
		114077	28 40			
Z-51/30J RT (EXPORT) Aerial Lifts	[D 2011 L3i]	115970	14 55	113181	12	2.3
Z60/34 Aerial Lifts	[D 2011 L3i]	115970	14 55	113181	12	2.3
ZX-135/70 Aerial Lifts	[854F-E34T - FPI]	114450	14 120	114388	12	3.2 A49
				116308	12	3.2
Thermo King						
MISCELLANEOUS						
30 DI TC		01.89-	110487	14 37		
		01.89-	110488	14 65		
30 MAX		01.89-	110487	14 37	01.89-	110820 12 2.0
		01.89-	110488	14 65		
HK 100	[TK2.44]	01.89-	110487	14 37		
		01.89-	110488	14 65		
HK 30	[TK2.44]	01.89-	110487	14 37		
		01.89-	110488	14 65		
HK 60	[TK2.44]	01.89-	110487	14 37		
		01.89-	110488	14 65		
KD 30	[TK3.66]	01.89-	110487	14 37		
		01.89-	110488	14 65		
KD 50	[TK3.66]	01.89-	110487	14 37		
		01.89-	110488	14 65		



SB II 30 DI TC		01.89-	110487	14	37			
		01.89-	110488	14	65			
SB III		01.90-	11216	14	37			
Super		01.93-	11216	14	37	01.93-	110820	12 2.0
TD II 30	[TK3.88]	01.89-	110487	14	37			
		01.89-	110488	14	65			
TD II 50 MAX	[TK3.88]	01.89-	110487	14	37			
		01.89-	110488	14	65			
Various Models			113716	14	120		112232	12 2.4
			114348	28	150		110485	12 1.4 ND
			116079	14	90		114253	12 2.0 HI
							114213	12 2.0
		01.74- 01.79	110408	14	35	01.74- 01.79	110820	12 2.0 HI
			110422	14	30		112371	12 2.2 HI
Thomas								
INDUSTRY								
225	[V3300]		114807	14	60			
245	[V3300]		114807	14	60			
Thwaites								
INDUSTRY								
ALLDIG Tractor/Loader/Backhoes	[F2L1011]		112183	14	60		112041	12 2.2
			112548	14	60		114320	12 3.0
			114077	28	40		116128	12 3.2
ALLDRIVE 1 TONNE Dumpers/Tenders	[3TNV76]		113742	14	40			
ALLDRIVE 1.5 TONNE	[3TNV76]		113742	14	40			
ALLDRIVE 2.3 TONNE	[3TNV88]		113742	14	40		112374	12 2.5
ALLDRIVE 3 TONNE Dumpers/Tenders	[3TNV88]		113742	14	40		112374	12 2.5
ALLDRIVE 4000H Dumpers/Tenders	[103-15]		110770	14	55		110615	12 2.8
							115393	12 4.0
ALLDRIVE 5000 Dumpers/Tenders	[103-15]		110770	14	55		110615	12 2.8
							115393	12 4.0
ALLDRIVE 5000H Dumpers/Tenders	[103-15]		110770	14	55		110615	12 2.8
							115393	12 4.0
	[403C-15]		111355	14	65		112534	12 2.0
ALLDRIVE 6000P Dumpers/Tenders	[103-15]		110770	14	55		110615	12 2.8
							115393	12 4.0
ALLDRIVE 600P Dumpers/Tenders	[103-15]		110770	14	55		110615	12 2.8
							115393	12 4.0
ALLDRIVE 6500 Dumpers/Tenders	[103-15]		110770	14	55		110615	12 2.8
							115393	12 4.0
ALLDRIVE 6TONNE Dumpers/Tenders	[1004-4T]		111355	14	65		114388	12 3.2
			112698	14	100		116308	12 3.2
			114772	14	95			
ALLDRIVE 7TONNE Dumpers/Tenders	[1004-4T]		111355	14	65		114388	12 3.2
			112698	14	100		116308	12 3.2
			114772	14	95			
ALLDRIVE 9000 Dumpers/Tenders	[F3L1011]		112183	14	60		112041	12 2.2
			113991	14	80			
			114077	28	40			
ALLDRIVE 9TONNE Dumpers/Tenders	[1104C-44T]		113763	14	85		113654	12 3.0
SLIMLINE Dumpers/Tenders	[103-10]		110770	14	55		112534	12 2.0
TD12 Off-Highway Trucks	[1004-4T]		111355	14	65		114388	12 3.2
			112698	14	100		116308	12 3.2
			114772	14	95			
Various Models							113269	12 3.0
Timberjack								
INDUSTRY								
608		01.95-	112160	28	75			
618		01.95-	112160	28	75			
628		01.95-	112160	28	75			
850		01.98-	112160	28	75			
950		01.98-	112160	28	75			
1010	[1004-4T]	01.97- 01.98	112038	28	100			
2618		01.95-	112160	28	75			
2628		01.95-	112160	28	75			
810C	[1004-40T]	01.99-	112038	28	100			
Toro								
INDUSTRY								
52	[Briggs & Stratton]					01.79- 01.86	111804	12
224	[MI]					01.89- 01.96	112178	12 1.6
220D	[MI]					01.88- 01.91	112178	12 1.6
223D	[MI]					01.92- 01.01	112178	12 1.6
5100D	[MI]						112178	12 1.6
Precision Z320	[Honda]						115406	12 0.8
Precision Z340	[Honda]						114375	12 0.6
Precision Z350	[Honda]						114375	12 0.6
Timecutter Z530	[Honda]						114375	12 0.6
Toyota								
PASSENGER CARS EU								
4 Runner 3.0 TD	[1KZ-T]					11.95-	113757	12 2.2
4 Runner 3.4	[5VZ-FE]	11.95- 07.02	114362	14	80	11.95- 07.02	113757	12 2.2
Auris 1.3	(NZE18_, ZRE18_)[1NR-FE]					10.12-	116003	12 1.2
		A25 10.12- 12.18	116219	14	100	10.12- 12.18	114216	12 2.0
Auris 1.4 D-4D	(_E15_)[1ND-TV]	03.07- 09.12	113972	14	100	03.07- 09.12	114068	12 1.1
		03.07- 09.12	115657	14	100	03.07- 09.12	114886	12 1.2
						03.07- 09.12	115644	12 2.0
						03.07- 09.12	115723	12 1.4
	(NDE150)	03.07-	113972	14	100	03.07-	114068	12 1.1
		03.07-	115657	14	100	03.07-	114886	12 1.2
						03.07-	115644	12 2.0
						03.07-	115723	12 1.4
	(NZE18_, ZRE18_)	10.12-	116504	14	100	10.12-	114216	12 2.0
						10.12-	115723	12 1.4
	(ZRE18_, NZE18_)	03.13-	116504	14	100	03.13-	116472	12 2.0
						03.13-	115723	12 1.4
Auris 1.6	(ZRE151)[1ZR-FAE]	05.09-	114694	14	100	05.09-	114886	12 1.2
Auris 1.6 VVTi	(ZRE151)[1ZR-FE]	03.07-	115863	14	100	03.07-	114886	12 1.2
Auris 1.8	(ZRE152)[2ZR-FAE]	02.09-	114694	14	100	02.09-	114886	12 1.2
Auris 2.0 D-4D	(ADE150)[1AD-FTV]	03.07-	114490	14	100	03.07-	114071	12 2.0
Auris 2.2 Diesel	(ADE157)[2AD-FHV]	03.07-	114490	14	100	A13 03.07-	114071	12 2.0



TOYOTA Continued

Auris Touring Sports 1.3	[1NR-FE]	A25 07.13- 12.18	116219	14	100	07.13- 12.18	116003	12	1.2
Auris Touring Sports 1.4 D-4D	[1ND-TV]	07.13-	116504	14	100	07.13- 12.18	114886	12	1.2
						07.13-	114886	12	1.2
						07.13-	115723	12	1.4
						07.13-	116472	12	2.0
Avensis 1.6	(T27)[1ZR-FAE]	02.09-	114694	14	100	02.09-	114216	12	2.0
						02.09-	114255	12	1.3
Avensis 1.6 i 16V	(T22)[3ZZ-FE]	10.00-	113296	14	80	10.00-	112367	12	1.4
Avensis 1.6 VVTi	(T25)[3ZZ-FE]	01.03- 02.04	113296	14	80	01.03- 02.04	112006	12	2.0
		04.03-	116332	14	90	04.03-	115839	12	2.0
Avensis 1.8	(T25)[1ZZ-FE]	04.03-	113296	14	80	04.03-	112006	12	2.0
		04.03-	116332	14	90	04.03-	114037	12	1.6
						04.03-	115839	12	2.0
	(T27)[2ZR-FAE]	02.09-	114694	14	100	02.09-	114216	12	2.0
Avensis 1.8 i 16V	(T22)[1ZZ-FE]	10.00-	113296	14	80	10.00-	112006	12	2.0
						10.00-	112367	12	1.4
	(ST220)	10.00-	113296	14	80	10.00-	112006	12	2.0
Avensis 2.0 D-4D	(T25)[1AD-FTV]	03.06-	114390	14	100	03.06-	113271	12	1.1
	(T27)	11.11-	114390	14	100	11.11-	114056	12	1.3
		11.11-	114410	14	130	11.11-	114817	12	1.3
						11.11-	115839	12	2.0
	(T22)	09.02- 02.03	114227	14	120	09.02- 02.03	111984	12	1.1
	(T25)	10.99- 02.03	114227	14	120	10.99- 02.03	111984	12	1.1
		04.03-	114010	14	100	04.03-	111984	12	1.1
						04.03-	112006	12	2.0
Avensis 2.0 D-4D Verso	(AC_) [1CD-FTV]	08.01-	116366	14	130	08.01-	114037	12	1.6
Avensis 2.0 Diesel	(T27)[1AD-FTV]	02.09-	114390	14	100	02.09-	113271	12	1.1
						02.09-	114056	12	1.3
		02.09-	114410	14	130	02.09-	114886	12	1.2
	(T22)	09.02- 02.03	114227	14	120	09.02- 02.03	111984	12	1.1
Avensis 2.0	(T27)[1AZ-FE]	02.09-	114694	14	100	02.09-	114216	12	2.0
	(T25)[1AZ-FSE]	04.03-	115416	14	100	04.03-	114037	12	1.6
						04.03-	114216	12	2.0
	(T27)[3ZR-FAE]	02.09-	114694	14	100	02.09-	114216	12	2.0
	(T27)	12.12-	114694	14	100	12.12-	114216	12	2.0
	(T27)	02.09-	114694	14	100	02.09-	114216	12	2.0
Avensis 2.0 VVTi	(T25)[1AZ-FE]	03.03-	115416	14	100	03.03-	114037	12	1.6
Avensis 2.0 VVTi Verso	(AC_) [1AZ-FE]	08.01-	114273	14	100	08.01-	111984	12	1.1
Avensis 2.2 D-4D	(T25)[2AD-FTV]	10.05-	114390	14	100	10.05-	111463	12	1.0
						10.05-	111984	12	1.1
						10.05-	113271	12	1.1
Avensis 2.2 D-4D CAT	(T25)[2AD-FHV]	07.05-	114390	14	100	07.05-	111463	12	1.0
						07.05-	111874	12	2.2
Avensis 2.2 Diesel	(T27)[2AD-FHV]	02.09-	114390	14	100	02.09-	114056	12	1.3
		02.09-	114410	14	130	02.09-	114886	12	1.2
						02.09-	114240	12	1.4
						02.09-	114817	12	1.3
						02.09-	115839	12	2.0
	(T27)[2AD-FTV]	02.09-	114390	14	100	02.09-	113271	12	1.1
		02.09-	114410	14	130	02.09-	114056	12	1.3
						02.09-	114886	12	1.2
Avensis 2.4	(T25)[2AZ-FSE]	09.03-	115416	14	100	09.03-	114037	12	1.6
						09.03-	114216	12	2.0
Aygo 1.0	(KGB10)[1KR-FE]	07.05-	114090	14	70	07.05-	113963	12	1.1
		07.05-	114099	14	80	A25 07.05-	116648	12	1.0
Aygo 1.0	(PAB4_, KGB4_)[1KR-FE]	05.14-	116301	14	100	A13 05.14-	116279	12	1.2
		05.14-	116697	14	80				
		A25 05.14-	116300	14	115				
Aygo 1.0 i	[1KR-FE]	07.05-	114090	14	70	07.05-	113963	12	1.1
		07.05-	114099	14	80	07.05-	113933	12	1.5
Aygo 1.0 VVTi	(B4_)[1KR-FE]	03.18-	116301	14	100	03.18-	116279	12	1.2
		A25 03.18-	116300	14	115				
		A25 03.18-	116697	14	80				
Aygo 1.2	(PAB4_, KGB4_)[1PP]	05.14-	116237	12	125	A25 05.14-	116648	12	1.0
Aygo 1.4 HDi	[2WZTV]	07.05-	112469	14	90	07.05-	113254	12	1.4
		07.05- 08.10	113755	14	150	07.05- 08.10	113963	12	1.1
Aygo X 1.0 VVT-i VVT-i (KGB70)	(B7_)[1KR-FE]	03.22-	116300	14	115				
		03.22-	116697	14	80				
Caldina 2.2 TD	(T21_)[3C-TE]					08.97- 09.02	114240	12	1.4
Camry 1.8	[1S]	10.86- 08.88	111705	14	70	11.86- 08.88	111544	12	1.4
		11.86- 08.88	110496	14	60				
	(SV10)[1S-L]	10.82- 10.86	111705	14	70	10.82- 10.86	111544	12	1.4
		02.83- 10.86	110496	14	60	02.83- 10.86	112367	12	1.4
Camry 1.8 i	[1S-L]	10.86- 08.88	110496	14	60	10.86- 08.88	112367	12	1.4
		10.86- 08.88	111705	14	70				
Camry 2.0 TD	(CV20)[2C-T]	10.86- 05.91	111507	14	80	10.86- 05.91	111544	12	1.4
	(CV21)	11.86- 05.91	111507	14	80	11.86- 05.91	111544	12	1.4
Camry 2.0	[2S-E]	03.83- 05.91	111705	14	70	03.83- 05.91	114037	12	1.6
		04.86- 01.88	110496	14	60	04.86- 01.88	112367	12	1.4
	(SV11)[2S-EL]	03.83- 10.86	110496	14	60	03.83- 10.86	111544	12	1.4
		03.83- 10.86	111705	14	70				
	[2S-ELC]	03.83- 05.91	111705	14	70	03.83- 05.91	114037	12	1.6
		04.86- 01.88	110496	14	60	04.86- 01.88	111544	12	1.4
						04.86- 01.88	112367	12	1.4
	(SV21)[3S-FE]	11.86- 05.91	111705	14	70	11.86- 05.91	111463	12	1.0
Camry 2.0 16V GLi	(SV21)[3S-FE]	11.86- 05.91	111705	14	70	11.86- 05.91	111463	12	1.0
Camry 2.2	(V20_)[5S-FE]	08.96- 09.01	111517	14	70	08.96- 09.01	111544	12	1.4
	(SXV10)	06.91- 07.92	111705	14	70	06.91- 07.92	111463	12	1.0
						01.92-	111544	12	1.4
		01.92-	111517	14	70				
	(SXV20)	08.96- 08.99	111517	14	70				
Camry 2.4 16V	(V3)[2AZ-FE]	11.01-	114186	14	90				
Camry 2.4	(V2_)	04.00- 09.03	114186	14	90				
Carina 1.6	(ST150)[1S-EL]	10.83- 11.87	110496	14	60	10.83- 11.87	111455	12	0.8
		10.83- 11.87	111705	14	70				
	(TA1)[2T]	02.76- 03.78	110138	14	40	02.76- 03.78	110713	12	1.0
		02.76- 03.78	110258	14	35	02.76- 03.78	111544	12	1.4
	(TA12)	05.73- 03.78	110138	14	40	05.73- 03.78	110713	12	1.0
		05.73- 03.78	110258	14	35	05.73- 03.78	111544	12	1.4



	(TA4K)	03.81- 01.82	110138	14 40	03.81- 01.82	110713	12 1.0
		03.81- 01.82	110258	14 35			
	(TA4K, TA60LG)	04.78- 02.82	110138	14 40	04.78- 02.82	110713	12 1.0
		04.78- 09.83	110258	14 35	04.78- 09.83	111544	12 1.4
	(TA4L, TA60L)	01.78- 01.82	110138	14 40	01.78- 01.82	110713	12 1.0
		01.78- 09.83	110258	14 35			
	[2TB]	10.75- 03.78	110138	14 40	10.75- 03.78	110713	12 1.0
		10.75- 03.78	110258	14 35	10.75- 03.78	111455	12 0.8
	(AT171)[4A-F]	12.87- 08.90	110682	14 70	12.87- 08.90	111455	12 0.8
	(AT171)[4A-FE]	12.87- 02.92	110682	14 70	12.87- 02.92	111455	12 0.8
Carina 1.8	(AT151)[4A-LC]	10.83- 11.87	110496	14 60	10.83- 11.87	111455	12 0.8
	(ST150)[1S-L]	10.83- 11.87	111705	14 70			
	[3T]	01.82- 09.83	110138	14 40	01.82- 09.83	110713	12 1.0
		01.82- 02.87	110258	14 35	01.82- 02.87	111455	12 0.8
Carina 2.0	(ST171)[3S-FE]	12.87- 11.89	111705	14 70			
Carina E 1.6	(AT190)[4A-FE]	02.92-	111579	14 70	02.92-	111874	12 2.2
					02.92-	111984	12 1.1
					02.92- 01.96	111455	12 0.8
Carina E 1.6 GLi	(AT190)[4A-FE]	02.92-	111579	14 70	02.92-	111984	12 1.1
					01.93-	111984	12 1.1
Carina E 1.6 16V	(AT190)[4A-FE]	12.94-	111579	14 70	12.94-	111874	12 2.2
					12.94- 01.96	111455	12 0.8
					10.95-	111455	12 0.8
Carina E 1.6 i	(AT190)[4A-FE]	02.95-	111579	14 70	02.95-	111874	12 2.2
Carina E 1.8	(AT191)[7A-FE]	01.95-	111579	14 70	01.95-	111455	12 0.8
					01.95-	111984	12 1.1
					01.95-	111874	12 2.2
Carina E 1.8 i	(AT191)[7A-FE]	02.95-	111579	14 70	02.95-	111874	12 2.2
Carina E 2.0 Diesel	(CT190)[2C]	12.92- 01.96	111598	14 80	12.92- 01.96	111455	12 0.8
Carina E 2.0 TD	(CT190)[2C-T]	01.96- 09.97	112363	14 80	01.96- 09.97	111455	12 0.8
Carina E 2.0	(ST191)[3S-FE]	02.92-	111517	14 70	02.92-	112006	12 2.0
					02.92-	111463	12 1.0
Carina E 2.0 GLi	(ST191)[3S-FE]	02.92-	111517	14 70	02.92-	112006	12 2.0
					02.92-	111463	12 1.0
					01.93-	111984	12 1.1
					02.92- 02.94	111984	12 1.1
Carina E 2.0 GTi	(ST191)[3S-GE]	02.92- 02.94	111517	14 70	02.92- 02.94	111984	12 1.1
Carina E 2.0 i 16V	(ST191)[3S-FE]	02.92-	111517	14 70	02.92-	111984	12 1.1
					02.92-	111463	12 1.0
	(ST191)[3S-GE]	02.92- 02.94	111517	14 70	02.92- 02.94	111984	12 1.1
					03.94-	111463	12 1.0
Carina E 2.0 i	(ST191)[3S-FE]	02.92-	111517	14 70	02.92-	111984	12 1.1
					02.92-	111463	12 1.0
	(ST191)[3S-GE]	04.92- 02.94	111517	14 70	04.92- 02.94	111984	12 1.1
					04.92- 02.94	111463	12 1.0
Celica 1.6	(TA2)[2T]	02.76- 03.78	110138	14 40	02.76- 03.78	111544	12 1.4
		02.76- 03.78	110258	14 35	02.76- 03.78	110260	12 1.0
	(TA60)	02.79- 08.83	110138	14 40			
		02.79- 08.83	110258	14 35			
	(TA22)[2TB]	05.73- 03.78	110138	14 40	05.73- 03.78	110152	12
		05.73- 03.78	110258	14 35	A13 02.79- 07.83	110713	12 1.0
	(TA4C)	02.79- 07.83	110138	14 40	02.79- 07.83	111455	12 0.8
		02.79- 07.83	110258	14 35	08.77- 01.82	110260	12 1.0
	(TA4C, TA60)	08.77- 01.82	110138	14 40	08.77- 08.85	113271	12 1.1
		08.77- 08.85	110258	14 35	08.77- 08.85	110260	12 1.0
	(TA60)	08.77- 08.85	110138	14 40	08.77- 08.85	113271	12 1.1
		08.77- 08.85	110258	14 35			
	(TA22)[2T-J]	05.73- 03.78	110138	14 40	05.73- 03.78	110152	12
		05.73- 03.78	110258	14 35			
	(AT180)[4A-FE]	10.89- 10.93	110682	14 70			
	(T16)[4A-L]	08.85- 09.89	110496	14 60	08.77- 01.82	111455	12 0.8
Celica 1.6 GT	(TA4C)[2TG]	04.80- 02.82	110138	14 40	04.80- 02.82	111544	12 1.4
		04.80- 02.82	110258	14 35			
	(TA22)[2T-G]	12.74- 03.78	110138	14 40	12.74- 03.78	111544	12 1.4
		12.74- 03.78	110258	14 35			
	(TA4C)	04.78- 02.82	110138	14 40			
		04.78- 02.82	110258	14 35			
	(RA6)[4A-GE]	08.83- 07.85	110496	14 60			
	(AT160)[4A-GELC]	08.87- 08.89	110496	14 60			
	(AT160)[4A-GEL]	09.85- 08.89	110496	14 60			
	(7A-FE)	11.93-	111579	14 70			
Celica 1.8 i 16V	(ZZT230)[1ZZ-FE]	11.99-	114361	14 80			
Celica 2.0	(RA40)[18R]	02.79- 07.85	110138	14 40	02.79- 07.85	110260	12 1.0
		02.79- 07.85	110258	14 35			
	(RA6)[18R-G]	01.82- 08.85	110138	14 40	01.82- 08.85	111544	12 1.4
		01.82- 10.86	110258	14 35	02.78- 08.83	110152	12
	(RA63)	02.78- 08.83	110138	14 40			
		02.78- 08.83	110258	14 35			
	(RA61)[21R-C]	02.82- 08.85	110138	14 40	02.82- 08.85	110152	12
		02.82- 08.85	110258	14 35			
	(RA6)[21R-U]	01.82- 08.85	110138	14 40	01.82- 08.85	111544	12 1.4
		01.82- 08.85	110258	14 35			
Coaster 4.2 TD	[3S-GEL]	01.87- 08.90	110496	14 60			
		08.87- 08.90	111705	14 70			
	(ST162)[3S-GEL]	10.86- 08.90	110496	14 60			
		08.87- 08.90	111705	14 70			
Celica 2.0 GT	(ST162)[3S-GELC]	10.86- 08.90	110496	14 60			
		08.87- 08.90	111705	14 70			
Celica 2.0 Turbo 4WD	(ST185)[3S-GTE]	10.89- 01.94	111705	14 70			
Celica 2.0 Turbo GT 4WD	(T16F)[3S-GTE]	03.88- 08.90	111705	14 70			
Coaster 4.1 LPG	(ZB4_, ZB5_, HZ_)	11.03-	116029	28 60			
Coaster 4.2 TD		02.93- 10.03	116029	28 60			
Corolla 1.2	(KE36)[3K]	07.75- 11.78	110138	14 40	07.75- 11.78	110713	12 1.0
		07.75- 01.80	110258	14 35	07.75- 01.80	111874	12 2.2
	(KE/TE)[3K-B]	09.76- 11.78	110138	14 40	09.76- 11.78	110847	12 1.4
		09.76- 01.80	110258	14 35	09.76- 01.80	111874	12 2.2
	(KE20)	10.72- 10.75	110137	14 30	10.72- 10.75	110713	12 1.0
		10.72- 06.77	110138	14 40			



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	(KE20,25,30)	08.74- 10.75	110137	14	30	08.74- 10.75	110713	12	1.0
		08.74- 11.78	110138	14	40				
		08.74- 12.80	110258	14	35	08.74- 12.80	112006	12	2.0
	(KE35)	07.75- 11.78	110138	14	40	07.75- 11.78	110713	12	1.0
		07.75- 01.80	110258	14	35	07.75- 01.80	111874	12	2.2
	(KE/TE)[3K-C]	09.76- 11.78	110138	14	40	09.76- 11.78	112006	12	2.0
		09.76- 01.80	110258	14	35	09.76- 01.80	111874	12	2.2
	(KE20)	10.72- 10.75	110137	14	30	10.72- 10.75	110713	12	1.0
		10.72- 06.77	110138	14	40				
	(KE20,25,30)	08.74- 10.75	110137	14	30	08.74- 10.75	110713	12	1.0
		08.74- 11.78	110138	14	40				
		08.74- 12.80	110258	14	35	08.74- 12.80	112006	12	2.0
	(KE35)	07.75- 11.78	110138	14	40	07.75- 11.78	110713	12	1.0
		07.75- 01.80	110258	14	35	07.75- 01.80	111874	12	2.2
	(KE/TE)[3K-H]	09.76- 11.78	110138	14	40	09.76- 11.78	112006	12	2.0
		09.76- 01.80	110258	14	35	09.76- 01.80	111445	12	2.0
	(KE20)	10.72- 10.75	110137	14	30	10.72- 10.75	110713	12	1.0
		10.72- 06.77	110138	14	40				
	(KE20,25,30)	08.74- 10.75	110137	14	30	08.74- 10.75	110713	12	1.0
		08.74- 11.78	110138	14	40				
		08.74- 10.75	110258	14	35	08.74- 10.75	111984	12	1.1
	(KE35)	07.75- 11.78	110138	14	40	07.75- 11.78	110713	12	1.0
		07.75- 01.80	110258	14	35	07.75- 01.80	111874	12	2.2
	(KE36)	07.75- 11.78	110138	14	40	07.75- 11.78	110713	12	1.0
		07.75- 01.80	110258	14	35	07.75- 01.80	111874	12	2.2
Corolla 1.3	(NRE18_, A25	06.13- 12.18	116219	14	100				
	(EE90)[2E]	08.87- 04.92	110628	14	45	08.87- 04.92	111455	12	0.8
	(AE,EE80)[2E-L]	10.84- 08.87	110628	14	45	10.84- 08.87	111455	12	0.8
	(EE80)	10.84- 08.87	110628	14	45	10.84- 08.87	111455	12	0.8
	(AE,EE80)[2E-LC]	05.85- 08.87	110628	14	45	05.85- 08.87	111455	12	0.8
	(EE80)	05.85- 08.87	110628	14	45	05.85- 08.87	111455	12	0.8
Corolla 1.3 XLi	(E10)[4E-FE]	05.92- 04.97	111518	14	70	05.92- 04.97	113271	12	1.1
		05.92-	111678	14	60	05.92-	114216	12	2.0
	(EE101)	05.92-	111518	14	70	05.92-	113271	12	1.1
		05.92-	111678	14	60	05.92-	114216	12	2.0
Corolla 1.3 12V	(EE100)[2E]	05.92- 04.97	111678	14	60	05.92- 04.97	115723	12	1.4
		07.92- 04.97	111538	14	80	05.92- 05.95	115613	12	1.0
						05.92- 05.95	116003	12	1.2
						05.92- 05.95	116472	12	2.0
						07.92- 04.97	113665	12	0.8
Corolla 1.3 16V XLi	(EE101)[4E-FE]	07.92-	111518	14	70	07.92-	113271	12	1.1
Corolla 1.3 i	(EE90)[2E]	08.87- 04.92	110628	14	45	08.87- 04.92	111455	12	0.8
		08.87- 04.92	111538	14	80	08.87- 04.92	113665	12	0.8
	(EE90)[2E-E]	08.87- 04.92	111538	14	80	08.87- 04.92	113665	12	0.8
Corolla 1.3	(E11)[4E-FE]	05.97- 09.99	111518	14	70	05.97- 09.99	113665	12	0.8
Corolla 1.4 D-4D	(NRE18_, ZRE18_, NDE18_)[1ND-TV]	06.13-	116504	14	100				
Corolla 1.4 Diesel	(E12_)[1ND-TV]	07.04-	113972	14	100				
	(E12U_, E12J_)	07.04-	113972	14	100				
	(E12_, 12J_)	07.04-	113972	14	100				
Corolla 1.4	[4E-FE]	04.97-	111518	14	70	04.97-	113665	12	0.8
	[4ZZ-FE]	02.00- 01.02	113296	14	80				
		02.00- 01.02	114158	14	70				
Corolla 1.4 16V	[4ZZ-FE]	02.00- 01.02	113296	14	80				
		02.00- 10.01	114158	14	70				
Corolla 1.4 16V GLi	(EE101)[4E-FE]	07.92-	111518	14	70	07.92-	113271	12	1.1
Corolla 1.4 16V XLi	(EE101)[4E-FE]	07.92-	111518	14	70	07.92-	113271	12	1.1
Corolla 1.4 VVTi	(E12_, 12J_)[4ZZ-FE]	01.02-	113296	14	80				
		01.02-	114158	14	70				
		01.02-	114361	14	80				
	(ZZE150)	01.07-	116332	14	90				
Corolla 1.6	(KE/TE)[2T]	09.76- 01.80	110138	14	40	09.76- 01.80	112006	12	2.0
		09.76- 01.80	110258	14	35	09.76- 01.80	111455	12	0.8
	(TE71)	09.79- 05.83	110138	14	40	09.79- 05.83	110713	12	1.0
		09.79- 05.83	110258	14	35	09.79- 05.83	111874	12	2.2
						09.79- 05.83	111984	12	1.1
						10.82- 05.83	112006	12	2.0
						10.82- 09.83	111455	12	0.8
	(KE/TE)[2TB]	09.76- 01.80	110138	14	40	09.76- 01.80	112006	12	2.0
	(TE71)	09.79- 05.83	110138	14	40	09.79- 05.83	110713	12	1.0
		09.79- 05.83	110258	14	35	09.79- 05.83	111874	12	2.2
	[3ZZ-FE]	02.00- 01.02	113296	14	80				
		02.00- 01.02	114158	14	70				
	(E9_)[4A-F]	02.88- 05.92	110682	14	70	02.88- 05.92	113271	12	1.1
	(AE92)	08.87- 04.92	110682	14	70	08.87- 04.92	111455	12	0.8
						12.87- 04.92	113271	12	1.1
	(AE9_)[4A-FE]	11.89- 04.92	110682	14	70	11.89- 04.92	113271	12	1.1
	(AE92)	05.87- 04.92	110682	14	70	05.87- 04.92	113271	12	1.1
	(AE95)	08.88- 04.92	110682	14	70	08.88- 04.92	113271	12	1.1
		04.97- 09.99	111579	14	70	04.97- 09.99	114240	12	1.4
	(AE92)[4A-GE]	08.87- 08.89	110496	14	60	08.87- 08.89	111455	12	0.8
Corolla 1.6 GLi	(AE101)[4A-FE]	05.92-	111579	14	70	05.92-	114886	12	1.2
Corolla 1.6 GT	(TE71)[2T-G]	05.80- 05.83	110138	14	40	05.80- 05.83	112006	12	2.0
		05.80- 09.83	110258	14	35	05.80- 09.83	111455	12	0.8
Corolla 1.6 Verso	(ZER_, ZZE_)[3ZZ-FE]	04.04-	113296	14	80				
		04.04-	116332	14	90				
Corolla 1.6 XLi	[4A-FE]	11.89- 04.92	110682	14	70	11.89- 04.92	113271	12	1.1
Corolla 1.6 16V	[3ZZ-FE]	02.00- 01.02	113296	14	80				
		02.00- 10.01	114158	14	70				
	(AE86)[4A-GE]	08.83- 08.87	110496	14	60	08.83- 08.87	111455	12	0.8
	[4A-GEC]	12.85- 10.87	110496	14	60	12.85- 10.87	111455	12	0.8
	[4A-GEL]	08.85- 08.87	110496	14	60	08.85- 08.87	111455	12	0.8
Corolla 1.6 Dual VVTi	(ZRE151R)[1ZR-FE]	01.07-	115863	14	100				
Corolla 1.6 GTi	(E9_)[4A-GE]	07.87- 08.89	110496	14	60	07.87- 08.89	111455	12	0.8
Corolla 1.6 i	(AE92)[4A-FE]	08.89- 04.92	110682	14	70	08.89- 04.92	113271	12	1.1
Corolla 1.6 i 4WD	(E9_)[4A-FE]	10.87- 08.90	110682	14	70	10.87- 08.90	113271	12	1.1
Corolla 1.6 Si	(AE101)[4A-FE]	05.92-	111579	14	70	05.92-	114886	12	1.2
	(E10)	07.92- 04.97	111579	14	70	07.92- 04.97	114240	12	1.4
Corolla 1.6 VVTi	(E21_)[1ZR-FE,1ZR-FAE]	01.19-	116245	12	100				



	(E12_, 12J_)[3ZZ-FE]	01.02- 01.02- 01.02-	113296 114158 114361	14 80 14 70 14 80			
Corolla 1.6 VVTi Verso	(E12)[3ZZ-FE]	01.02- 01.02- 05.04 01.02- 05.04	113296 114158 114361	14 80 14 70 14 80			
Corolla 1.8 4WD	[7A-FE]	04.97- 07.01	111579	14 70	04.97- 07.01	114240	12 1.4
Corolla 1.8 Verso	(ZER_, ZZE_)[1ZZ-FE]	04.04- 04.04-	113296 116332	14 80 14 90			
Corolla 1.8 16V 4WD	(E10)[7A-FE]	09.95- 04.97	111518	14 70	09.95- 04.97	113271	12 1.1
Corolla 1.8 GTi 4x4	(_E10_)[7A-FE]	05.92- 07.95	111579	14 70	05.92- 07.95	114240	12 1.4
Corolla 1.8 i 16V Verso	(E12)[1ZZ-FE]	09.01- 05.04 09.01- 05.04	114158 114361	14 70 14 80			
Corolla 1.8 VVTi	(NRE18_, ZRE18_, NDE18_)[2ZR-FE]	06.13-	113296	14 80			
Corolla 1.8 EFi	(_E10_)[7A-FE]	09.94- 12.99	111579	14 70	09.94- 12.99	114240	12 1.4
Corolla 2.0 D-4D	(ADE150R)[1AD-FTV]	01.07-	114490	14 100			
	(_E11_)[1CD-FTV]	09.00- 01.02	114227	14 120			
	(_E12_, _E12T_)	08.02-	114010	14 100			
	(_E12J_, _E12T_)	04.04-	114010	14 100			
	(_E12U_, _E12J_)	05.03- 05.03- 05.03-	114010 114115 116366	14 100 14 130 14 130			
	(E12_, 12J_)	01.02- 01.02- 01.02-	114010 114115 116366	14 100 14 130 14 130			
Corolla 2.0 D-4D Verso	(E12)[1CD-FTV]	01.02- 05.04 01.02- 05.04 01.02- 05.04	114010 114115 116366	14 100 14 130 14 130			
	(ZER_, ZZE_)	04.04-	114010	14 100			
Corolla 2.0 Diesel	(CE100)[2C]	05.92-	111507	14 80	05.92- 05.92-	114886 113665	12 1.2 12 0.8
	[2C-E]	04.97-	111507	14 80	04.97- 04.97-	114056 114071	12 1.3 12 2.0
Corolla 2.0 Diesel XL	(CE100)[2C]	05.92-	111507	14 80	05.92-	114071	12 2.0
Corolla 2.2 D-4D Verso	(ZER_, ZZE_)[2AD-FHV]	10.05- 10.05-	114390 114410	14 100 14 130			
	(ZER_, ZZE_)[2AD-FTV]	10.05-	114390	14 100			
Corona 1.8	(TT1)[3T]	06.79- 01.81 06.79- 01.81	110138 110258	14 40 14 35	06.79- 01.81	110152	12
Corona 2.0	(RT104)[18R]	01.76- 05.79 01.76- 05.79	110138 110258	14 40 14 35			
Corona Saloon 2.0	(_T21_)[3S-FE]	01.96- 12.00	111517	14 70			
Cressida 2.0	(RX3_)[18R]	07.77- 07.81 07.77- 07.81	110138 110258	14 40 14 35	07.77- 07.81 07.77- 07.81	110708 110152	12 2.7 12
	(RX35)	12.77- 03.81 12.77- 03.81	110138 110258	14 40 14 35	12.77- 03.81	110152	12
	(_X6_)[21R]	05.81- 07.82 05.81- 03.85	110138 110258	14 40 14 35	05.81- 07.82 05.81- 03.85	110152 111387	12 12 2.0
	(_X6_)[21R-C]	05.81- 07.82 05.81- 03.85	110138 110258	14 40 14 35	05.81- 07.82 05.81- 03.85	110152 111387	12 12 2.0
Crown 2.0	(_S1_)[5R]				09.79- 06.81	110396	12 1.4
Crown 2.2 Diesel	(_S1_)[L]				04.80- 07.83 04.80- 07.83	110708 111387	12 2.7 12 2.0
Crown 2.8	(_S1_)[5M] (_S1_)[5M-E]				04.80- 07.83 06.79- 07.83	110396 110396	12 1.4 12 1.4
Crown 2.8 i	(_S1_)[5M-GE]				08.83- 09.85	110396	12 1.4
Dyna 2.0	[5R]	01.77- 01.77-	110137 110138	14 30 14 40	01.77- 01.77-	110708 110397	12 2.7 12 1.0
Dyna 2.5 D-4D	(KD_, LY_)[2KD-FTV]	08.01-	114024	14 80	08.01- 08.01-	111387 116254	12 2.0 12 2.0
Dyna 3.0 D-4D	(KD_, _U7_, _C6_, _U6_, LY_, TR)[1KD-FTV]	10.09-	116637	14 130	10.09-	113938	12 2.7
Dyna 3.4 Diesel	[13B]	08.77- 08.87	111613	28 50	08.77- 08.87	110397	12 1.0
Dyna 100 2.4 Diesel	(LH80)[2L]	01.84- 05.95 08.88- 01.91	114288 111483	14 50 14 55	01.84- 05.95 09.93- 05.95	110397 112336	12 1.0 12 2.0
	(LY100)				05.95- 08.01 05.95- 08.01	112336 113936	12 2.0 12 2.7
Dyna 100 Platform/Chassis 2.4 Diesel	(LY1_, YY1_)[2L]	05.95- 07.01	111483	14 55	05.95- 07.01 05.95- 07.01	110708 113936	12 2.7 12 2.7
Dyna 150 2.8 Diesel	(LY61)[3L]	08.85- 05.95 08.87- 01.92	114288 111483	14 50 14 55	08.85- 05.95 08.85- 05.95 08.87- 01.92	112336 113936 110397	12 2.0 12 2.7 12 1.0
					08.89- 09.93	111387	12 2.0
Dyna 200 3.0 Diesel	(BU_)[B]	09.84- 08.88	111613	28 50			
Dyna 300 3.4 Diesel	(BU85)[13B]	09.84- 08.87	111613	28 50			
Hiace 1.6	(RH11, 16, 20, 30, 40)[12R]	01.79- 04.83 01.79- 12.84	110138 110258	14 40 14 35	01.79- 04.83	110708	12 2.7
Hiace 2.0	[18R]	07.77- 03.83 07.77- 03.83	110138 110258	14 40 14 35	A13 07.77- 03.83	110708	12 2.7
	(_H10_)[1RZ]	02.90- 08.95	111428	14 60	02.90- 08.95	110708	12 2.7
	(RZH102)	08.89- 08.93	111428	14 60	08.89- 08.93	110708	12 2.7
Hiace 2.2 Diesel	(H5G)[L]	03.83- 11.89 03.83- 11.89	111483 114288	14 55 14 50	03.83- 11.89 03.83- 11.89 01.79- 03.83	110397 113936 110154	12 1.0 12 2.7 12 0.8
					03.83- 11.89	110260	12 1.0
Hiace 2.4 Diesel	(_H10_)[2L]	08.89- 08.93 08.93- 08.95	111605 111601	14 70 14 70	08.89- 08.93 08.93- 08.95	112336 110154	12 2.0 12 0.8
	(H5G)	08.84- 08.89	111483	14 55	08.84- 08.89	110397	12 1.0
	(LH102)	08.84- 08.89	114288	14 50	A13 08.84- 08.89	113936	12 2.7
		05.84- 11.89	114288	14 50	05.84- 11.89	113936	12 2.7
		08.89- 08.89- 08.93 08.93- 08.95	111483 111605 111601	14 55 VP 14 70 14 70	05.84- 11.89 08.89- 08.89- 08.93	110152 110397 112336	12 12 1.0 12 2.0
		08.93- 08.95 08.95- 08.01 08.95-	111960 111963 112357	14 80 14 70 14 70	08.93- 08.95 08.95- 08.95-	110154 111387	12 0.8 12 2.0
Hiace 2.4 Diesel 4WD	(_H10_)[2L]	08.89- 08.95	111601	14 70	08.89- 08.95 08.89- 08.95	110154 112336	12 0.8 12 2.0
	(H5F)	01.87- 01.88 01.87- 01.88	111483 114288	14 55 14 50	01.87- 01.88 A13 01.87- 01.88	110152 113936	12 12 2.7
Hiace 2.4 TD	[2L-T]	08.95- 08.06	111963	14 70 VP	08.95- 08.06	112336	12 2.0



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Hiace 2.4 TD 4WD	(H18, 22)[2L-T]	08.95-	111963	14	70	08.95-	112336	12	2.0
Hiace 2.4	(RZH103)[2RZ-E]	08.89- 08.95	111428	14	60	08.89- 08.95	110708	12	2.7
		08.95-	112357	14	70	08.95-	111785	12	1.0
						08.95-	112336	12	2.0
		08.95-	112358	14	55	08.95-	111387	12	2.0
Hiace 2.4 4WD	(H12, 22)[2RZ-E]	08.95- 04.98	112357	14	70	08.95- 04.98	111785	12	1.0
		08.95- 04.98	112358	14	55	08.95- 04.98	111387	12	2.0
	(H18, 22)	08.95- 04.98	112357	14	70	08.95- 04.98	111785	12	1.0
		08.95- 04.98	112358	14	55	08.95- 04.98	111387	12	2.0
		08.89- 08.95	111428	14	60	08.89- 08.95	110397	12	1.0
						08.89- 08.95	110708	12	2.7
Hiace 2.5 D-4D	(_H1_, _H2_)[2KD-FTV]	08.06-	114024	14	80	08.06-	111387	12	2.0
	(_H1_, _H2_)	08.06-	114024	14	80	08.06-	111387	12	2.0
		11.01- 08.06	113969	14	100	08.06-	113938	12	2.7
		11.01- 08.06	114025	14	75	A13 11.01- 08.06	113936	12	2.7
						11.01- 08.06	113757	12	2.2
Hiace 2.5 D-4D 4WD	(_H1_, _H2_)[2KD-FTV]	11.01-	114024	14	80	11.01-	111387	12	2.0
						11.01-	113938	12	2.7
	(H20_)	01.05-	116637	14	130	01.05-	113936	12	2.7
		11.01-	114024	14	80	11.01-	113757	12	2.2
						11.01-	113938	12	2.7
Hiace 2.5 D-4D 4x4	[2KD-FTV]	08.06-	114024	14	80	08.06-	113757	12	2.2
						08.06-	113938	12	2.7
Hiace 2.7	(H12)[3RZ-FE]	04.98-	112357	14	70	04.98-	111785	12	1.0
	(H12G)	04.98-	112357	14	70	04.98-	111785	12	1.0
Hiace 2.7 4WD	(H19, 29)[3RZ-FE]	04.98-	112357	14	70	04.98-	111785	12	1.0
						11.01-	111387	12	2.0
Hiace 2.8 Diesel	[3L]	08.89-	111960	14	80	08.89-	112336	12	2.0
Hilux 2.4 Diesel	(IN108)[2L]	01.92-	114203	14	60	Change pulley 01.92-	111785	12	1.0
		03.89-	111483	14	55	01.92-	113936	12	2.7
						03.89-	110411	12	1.4
						03.89-	111387	12	2.0
Hilux 2.4 Diesel 4WD	(_N_)[2L]					08.83- 04.89	111387	12	2.0
		03.89-	111483	14	55	03.89-	110708	12	2.7
Hilux 2.4 TD 4WD	[2L-T]	08.98- 01.02	111963	14	70	08.98- 01.02	110708	12	2.7
						08.98- 01.02	113936	12	2.7
Hilux 2.4	[22RE]					08.93- 08.97	113108	12	1.4
Hilux 2.5 D-4D	[2KD-FTV]	11.01-	114024	14	80	11.01-	110397	12	1.0
						11.01-	113938	12	2.7
						11.01- 07.05	116254	12	2.0
						07.05-	114853	12	2.7
						06.06-	110152	12	
						06.06-	115594	12	2.2
Hilux 2.5 D-4D 4WD	(TGN1_, GGN2_, LAN_, GGN1_, KUN)[2KD-FTV]	11.04- 12.05	114024	14	80	11.04- 12.05	112336	12	2.0
						11.04- 12.05	113938	12	2.7
						11.04- 12.05	116254	12	2.0
						11.01-	110397	12	1.0
						07.05-	114853	12	2.7
Hilux 2.5 D-4D 4x4	(N25)[2KD-FTV]	12.07-	114024	14	80	12.07-	112336	12	2.0
						12.07-	114853	12	2.7
						12.07-	115594	12	2.2
Hilux 2.5 Diesel	(TGN1_, GGN2_, GGN1_, KUN2_, KU)[2KD-FTV]	01.10-	114024	14	80	01.10-	112336	12	2.0
						01.10-	114853	12	2.7
						12.07-	110260	12	1.0
						12.07-	115594	12	2.2
Hilux 2.5 Diesel 4x4	[2KD-FTV]	03.05- 05.15	114024	14	80	03.05- 05.15	110708	12	2.7
						03.05- 05.15	113757	12	2.2
						03.05- 05.15	114853	12	2.7
						03.05- 05.15	115594	12	2.2
						12.07-	110397	12	1.0
Hilux 2.8 Diesel	(GUN1_)[1GD-FTV]					05.15-	114853	12	2.7
Hilux 2.8 Diesel 4WD	(_N1_)[1GD-FTV]					06.20-	114853	12	2.7
Hilux 3.0 4x4	[1KD-FTV]					AT 08.05- 09.06	114731	12	2.2
						08.05- 09.06	115594	12	2.2
Hilux 3.0 Diesel	[1KD-FTV]					AT 10.06-	114731	12	2.2
						10.06-	115594	12	2.2
Hilux 3.0 Diesel 4x4	[1KD-FTV]	12.07-	114024	14	80	12.07-	110260	12	1.0
						12.07-	114731	12	2.2
Hilux 3.4 4x4	(_N_)[5VZ-FE]	08.94- 07.00	114362	14	80	08.94- 07.00	111387	12	2.0
Hilux Vi Pickup 2.7 4WD	(_N1_)[3RZ-FE]					10.98- 04.05	111785	12	1.0
Land 2.8 D-4D	(_J15_)[1GD-FTV]					10.18-	113938	12	2.7
Land 3.0 TD	(_J9_)[1KZ-TE]	03.00- 02.03	112063	14	70	03.00- 02.03	113757	12	2.2
						03.00- 02.03	113938	12	2.7
Land Cruiser 2.4 Diesel	(LJ70)[2L]	11.84- 10.85	114288	14	50	11.84- 10.85	113239	12	2.5
Land Cruiser 2.4 TD	(LJ70)[2L-T]	01.90- 05.93	114288	14	50	01.90- 05.93	113239	12	2.5
						09.92- 01.95	113936	12	2.7
	(LJ70,73)	10.85- 05.90	111483	14	55	10.85- 05.90	110708	12	2.7
		10.85- 05.90	114288	14	50	10.85- 05.90	113239	12	2.5
	(LJ77)					07.90- 05.96	113936	12	2.7
Land Cruiser 2.4	(RJ70,73)[22R]	11.84- 12.89	110138	14	40	11.84- 12.89	110581	24	4.5
		11.84- 12.89	110258	14	35	11.84- 05.93	113239	12	2.5
Land Cruiser 2.8 Diesel	(KDJ15_, GRJ15_)[1GD-FTV]					06.15-	113938	12	2.7
Land Cruiser 2.8 TD 4x4	(_J7_)[3L]					01.90- 08.01	113239	12	2.5
Land Cruiser 3.0 D-4D	(_J9_)[1KD-FTV]	10.00-	114024	14	80	10.00-	113239	12	2.5
						10.00-	113757	12	2.2
						10.00-	113938	12	2.7
	(J12)	01.05-	113969	14	100	01.05-	113757	12	2.2
		08.04-	114024	14	80	08.04-	113938	12	2.7
		09.02- 02.10	116637	14	130	09.02- 02.10	113239	12	2.5
	(J15)	01.03-	113969	14	100	03.10-	113239	12	2.5
		01.03-	114024	14	80	03.10-	113938	12	2.7
		03.10-	116637	14	130				
Land Cruiser 3.0 D-4D 150	(J15)[1KD-FTV]	01.10-	113969	14	100	01.10-	113239	12	2.5
		01.10-	116637	14	130	01.10-	113757	12	2.2
						01.10-	113938	12	2.7



Land Cruiser 3.0 Diesel	(BJ40_V, BJ43_)[B]	02.74- 10.84 04.82- 10.84	110563 111484	28 15 28 50	02.74- 10.84 04.82- 10.84	110411 110708	12 1.4 12 2.7
Land Cruiser 3.0 TD	[1KZ-T]	05.93- 05.96	112063	14 70	05.93- 05.96 05.93- 05.96	111679 113757	24 4.5 12 2.2
Land Cruiser 3.0 TD 4WD	[1KZ-TE]	04.96-	112063	14 70	04.96- 04.96- 04.96-	111679 113938 113757	24 4.5 12 2.7 12 2.2
Land Cruiser 3.4 Diesel	(BJ42_V, BJ45_V, BJ46)[3B]	04.82- 08.88 08.80- 10.84	111484 110563	28 50 28 15	08.80- 10.84 08.80- 10.84 04.82- 08.88	110411 113239 110708	12 1.4 12 2.5 12 2.7
	(BJ45_P)	04.82- 10.84 08.80- 10.84	111484 110563	28 50 28 15	08.80- 10.84 08.80- 10.84	110411 113239	12 1.4 12 2.5
	(BJ60_V)	10.81- 08.87 PS 05.82- 08.88	111613 111484	28 50 28 50	10.81- 08.87 10.81- 08.87 05.82- 08.88	110260 113239 110527	12 1.0 12 2.5 24 4.0
	(BJ70LV-MRW)	PS 11.84- 12.96	111484	28 50	11.84- 12.96	110708	12 2.7
Land Cruiser 3.4 TD	(BJ71_V)[13BT]				10.85- 08.86	113239	12 2.5
Land Cruiser 3.6 Diesel	(HJ45_V)[H]				04.79- 07.80	113239	12 2.5
Land Cruiser 3.9	(FJ40, FJ43, FJ45, FJ)[F]				03.69- 01.75	113239	12 2.5
Land Cruiser 4.0 Diesel	(HJ47_P)[2H] (HJ47_V)	10.82- 10.84	111596	28 50	08.80- 10.84 08.80- 10.84 10.82- 10.84	113239 113239 111679	12 2.5 12 2.5 24 4.5
	(HJ60)	01.82- 12.85	111596	28 50	01.82- 12.85 10.82- 08.87	112336 111679	12 2.0 24 4.5
Land Cruiser 4.0 TD	(HJ61)[12HT]	10.85- 12.89	111596	28 50	10.85- 12.89	112224	24 6.7
Land Cruiser 4.0	[1GR-FE] (FJ62_V)[3F]	01.03- 11.84- 08.87	116494	14 80	01.03- 11.84- 08.87	113239 113239	12 2.5 12 2.5
Land Cruiser 4.2 Diesel	(_J7_)[1H-Z] (HZJ80_)	01.90- 05.96 01.90- 08.92 08.92- 08.92-	112356 111781 112356 112360	14 80 14 80 14 80 14 60	01.90- 05.96 01.90- 08.92 01.90- 12.97 08.92-	111387 110212 113239 111387	12 2.0 24 6.6 12 2.5 12 2.0
Land Cruiser 4.2 TD	(HJ80)[1HD-FT] (HJD80)[1HD-T]	01.95- 01.98 01.90- 08.92 08.92- 08.92-	112356 111781 112356 112360	14 80 14 80 14 80 14 60	01.95- 01.98 01.90- 08.92 08.92- 08.92-	111679 110260 111387 111679 113239	24 4.5 12 1.0 12 2.0 24 4.5 12 2.5
	(HZJ7_V)[1H-Z]				01.90-	113239	12 2.5
Land Cruiser 4.2 TD 100	(J10)[1HD-FTE]	01.98- 01.98-	112356 115415	14 80 14 120	01.98- 01.98-	111387 113239	12 2.0 12 2.5
Land Cruiser 4.2	(FJ40_V, FJ43_ FJ45_V)[2F] (FJ60)	10.81- 01.88 10.81- 01.88 10.81- 01.88	110563 111886 115800	28 15 28 65 28 100	01.75- 04.86 10.81- 01.88 10.81- 01.88 10.81- 01.88	113239 110581 110260 113239	12 2.5 24 4.5 12 1.0 12 2.5
Land Cruiser 4.5 24V	(FZJ80)[1FZ-FE]				08.92- 12.97	113239	12 2.5
Land Cruiser 4.7	[2UZ-FE]	02.02-	114433	14 80	02.02-	113239	12 2.5
Land Cruiser 4.7 V8 32V	[2UZ-FE]	01.98-	114433	14 80	01.98- 01.98-	113239 113171	12 2.5 12 2.0
Land Cruiser Prado 4.0 V6	(_J12_)[1GR-FE]	01.03- 07.09	116494	14 80	01.03- 07.09	113938	12 2.7
Land Cruiser Softtop 3.4 Diesel 4WD	(_J4_)[3B]	08.80- 10.83	110563	28 15			
Land Cruiser Van 3.0 D4-D 4WD	(_J15_) (_J15_)	01.11-	116637	14 130	01.11- 01.11-	113757 113938	12 2.2 12 2.7
Liteace 1.3	(KM2)[4K] (M2_G) (KM2)[4K-C]	10.79- 08.85 10.79- 10.86 10.79- 09.85 10.79- 09.85	110138 110258 110138 110258	14 40 14 35 14 40 14 35	10.79- 08.85	110397	12 1.0
Liteace 1.5	(KR21LG)[5K] (KR27_V) (M3)	01.92- 01.95 01.92- 01.95 01.92- 01.95 05.86- 12.91 05.86- 09.91	110138 110258 110138 110258 110258	14 40 14 35 14 40 14 35 14 35			
Model F 2.0	(YR20)[3Y] (YR21) (YR21)[3Y-C]	08.88- 01.90 09.85- 08.88	111428 111428	14 60 14 60	08.88- 01.90 08.84- 08.88	110397 110397	12 1.0 12 1.0
		09.85- 08.88	111428	14 60	08.84- 08.88	110397	12 1.0
MR2 1.6 16V	(AW11)[4A-GEL] (AW11)[4A-GELC]	11.84- 12.89 11.84- 12.89	110496 110496	14 60 14 60	11.84- 12.89 11.84- 12.89	111544 111785	12 1.4 12 1.0
MR2 1.8 VVTi 16V	(ZZW30)[1ZZ-FE]	04.00-	114361	14 80			
MR2 2.0 16V	(SV20)[3S-GE] (SW20)	12.89- 11.92 12.89- 11.91 11.92- 12.89- 11.92 12.89- 11.92 11.92-	111538 112102 112101 111538 112102 112101	14 80 14 90 14 80 14 80 14 90 14 80	12.89- 11.92	111544	12 1.4
Opa 1.8	(ZCT1_, ACT1_)[1ZZ-FE]				04.00- 08.03 04.00- 08.03	113271 113314	12 1.1 12 1.0
Paseo 1.5 16V	(EL54)[5E-FE]	08.95- 07.99 AT 08.95-	111678 111518	14 60 14 70	08.95-	113665	12 0.8
Picnic 2.0	(_XM10_)[3S-FE]	09.96- 05.01	111517	14 70	09.96- 05.01	111463	12 1.0
Picnic 2.0 16V	(XM1)[3S-FE]	05.96-	111517	14 70	05.96-	111874	12 2.2
Picnic 2.2 Diesel	[3C-TE]	08.97-	112363	14 80	08.97- 08.97- 12.01	111463 114240	12 1.0 12 1.4
Premio 1.8 4WD	(_T24_)[1ZZ-FE]	12.01- 06.07	114361	14 80	12.01- 06.07	111984	12 1.1
Premio 2.0	(_T24_)[1AZ-FSE]				12.01- 06.07 12.01- 06.07	113314 114255	12 1.0 12 1.3
Previa 2.0 D-4D	(ACR3_)[1CD-FTV]				03.01-	111874	12 2.2
Previa 2.4 16V	(ACR3)[2AZ-FE]	AC 08.00-	114273	14 100	08.00-	112367	12 1.4
RAV 4 1.8 i 16V	(XA2)[1ZZ-FE]	02.01-	114361	14 80	02.01-	114886	12 1.2
Rav 4 2.0 D-4D	(_A4_)[2WW]	10.15- 11.18	116679	14 150			
RAV 4 2.0 D-4D 4WD	(XA2)[1CD-FTV]	09.01- 11.05	116366	14 130	09.01- 11.05	114216	12 2.0
RAV 4 2.0 16V	(4WD)[3S-FE]	04.94-	111517	14 70	04.94-	112367	12 1.4
RAV 4 2.0 i 16V 4WD	(XA2)[1AZ-FE]	06.00- 07.03-	114186 114273	14 90 14 100	06.00- 07.03-	111874 111463	12 2.2 12 1.0
RAV 4 2.0 VVTi	(ACA_, ACE_)[1AZ-FE]	03.06- 03.06-	114246 114273	14 100 14 100	03.06- 03.06-	111463 113271	12 1.0 12 1.1
RAV 4 2.2 D-4D	(ACA_, ACE_)[2AD-FHV]	12.08-	115669	14 150	12.08-	114216	12 2.0



TOYOTA Continued

	(ACA_, ACE_, ALA_)	12.08-	114410	14	130	12.08-	114886	12	1.2	
		12.08-	115669	14	150	12.08-	114216	12	2.0	
	(ACA_, ACE_) [2AD-FTV]	12.08-	115669	14	150	12.08-	114216	12	2.0	
	(ACA_, ACE_, ALA_)	12.08-	114410	14	130	12.08-	114886	12	1.2	
		12.08-	115669	14	150	12.08-	114216	12	2.0	
Rav 4 2.2 D-4D 4WD	(_A4_) [2AD-FTV]	03.06-	114410	14	130	03.06-	114886	12	1.2	
		03.06-	115669	14	150	03.06-	114240	12	1.4	
RAV 4 2.2 D-4D CAT	(ALA30) [2AD-FHV]	12.12- 11.18	115669	14	150	12.12- 11.18	114216	12	2.0	
		03.06-	114410	14	130	03.06-	114886	12	1.2	
		03.06-	115669	14	150	03.06-	114255	12	1.3	
Rav 4 Iv Van 2.0 VVTi 4WD	(_A4_) [3ZR-FAE]					12.12- 11.18	114886	12	1.2	
Starlet 1.0	(EP80_) [1E]	12.89- 01.92	110496	14	60					
	(EP70L) [1E-L]	10.84- 11.89	110628	14	45					
		04.88- 12.89	110496	14	60					
	(2K) [2K]	02.78- 07.82	110137	14	30					
		02.78- 09.84	110138	14	40					
		02.78- 09.84	110258	14	35					
	(KP60)	02.78- 07.82	110137	14	30					
		02.78- 02.86	110138	14	40					
		02.78- 09.84	110258	14	35					
Starlet 1.0 1000	(KP) [2K]	05.76- 08.78	110258	14	35	02.78- 08.78	113665	12	0.8	
		02.78- 08.78	110137	14	30					
		02.78- 08.78	110138	14	40					
Starlet 1.2	(KP6_) [3K-H]	02.78- 09.82	110258	14	35					
		10.78- 08.82	110138	14	40					
Starlet 1.2 S	(KP62) [3K-H]	02.78- 07.82	110137	14	30	02.78- 07.82	113665	12	0.8	
		02.78- 07.82	110138	14	40					
		10.78- 08.82	110258	14	35					
Starlet 1.3	(EP71L) [2E-LC]	10.84- 12.89	110628	14	45					
		04.88- 12.89	110496	14	60					
Starlet 1.3 S	[4E-FE] AT	01.96-	111518	14	70					
	(KP61) [4K]	12.81- 02.85	110138	14	40					
		08.82- 09.84	110258	14	35					
Starlet 1.3 12V	(EP81_) [2E]	12.89- 12.92	110496	14	60					
	(EP81) [2E-E]	12.89- 06.91	110628	14	45					
		01.92-	111518	14	70					
		12.89- 06.91	110496	14	60					
Starlet 1.3	(_P9_) [4E-FE, 2E]	11.96- 07.99	111678	14	60					
Starlet 1.5 Diesel	(_P8_) [1N]	01.92- 01.96	111518	14	70					
	(NP70L)	12.86- 01.92	110496	14	60	Change pulley				
Supra 2.8 i	(MA61) [5M-GE]	05.82- 08.83	111381	14	110	05.82- 08.83	110396	12	1.4	
		08.83- 07.86	111428	14	60					
Supra 3.0 24V	(MA70) [7M-GE]	01.86- 08.88	111705	14	70	01.86- 08.88	110396	12	1.4	
Supra 3.0 Turbo	(MA70) [7M-GTE]	09.87- 04.93	111705	14	70	09.87- 04.93	110396	12	1.4	
Tacoma 2.4 Diesel	(_N1_) [2L]					08.97- 08.01	112336	12	2.0	
Urban Cruiser 1.3	(NSP110) [1NR-FE]					04.09-	115613	12	1.0	
Urban Cruiser 1.3 VVTi	(NSP110) [1NR-FE]					04.10-	115613	12	1.0	
Urban Cruiser 1.4 D-4D	(NLP110/115) [1ND-TV]	04.09-	115657	14	100	04.09-	115723	12	1.4	
						04.09-	115644	12	2.0	
Urban Cruiser 1.4 D-4D 4x4	(NLP110/115) [1ND-TV]	04.09-	115657	14	100	04.09-	115723	12	1.4	
						04.09-	115644	12	2.0	
Verso 1.6	(_R2_) [1ZR-FAE]	04.09-	114694	14	100	04.09-	115839	12	2.0	
	(ZGR20)	04.09-	116245	12	100					
		04.09-	114694	14	100					
Verso 1.8 VVTi	(ZGR21) [2ZR-FAE]	04.09-	114694	14	100	04.09-	115839	12	2.0	
Verso 2.0 D-4D	(_AUR2_, _ZGR2_) [1AD-FTV]	11.12-	114390	14	100	11.12-	114886	12	1.2	
		11.12-	114410	14	130	11.12-	114216	12	2.0	
		04.09-	114390	14	100	04.09-	114886	12	1.2	
		04.09-	114410	14	130	04.09-	114216	12	2.0	
Verso 2.2 D-4D	(_R2_) [2AD-FHV]	04.09-	114390	14	100	04.09-	114216	12	2.0	
	(AUR21)	04.09-	114410	14	130	04.09-	115839	12	2.0	
		04.09-	114390	14	100	04.09-	114886	12	1.2	
		04.09-	114410	14	130	04.09-	114216	12	2.0	
Verso Van 1.6	(_R2_) [1WW]	11.13- 08.18	116679	14	150					
Verso Van 1.6	(_R2_) [1ZR-FAE]	04.09- 08.18	114694	14	100	04.09- 08.18	115839	12	2.0	
		04.09- 08.18	116245	12	100					
Verso Van 1.8	(_R2_) [2ZR-FAE]	04.09- 08.18	114694	14	100	04.09- 08.18	115839	12	2.0	
		04.09- 08.18	116245	12	100					
Verso Van 2.0	(_R2_) [1AD-FTV]	11.12- 08.18	114390	14	100	11.12- 08.18	114886	12	1.2	
		11.12- 08.18	114410	14	130	11.12- 08.18	114216	12	2.0	
Verso Van 2.2	(_R2_) [2AD-FHV]	04.09- 08.18	114390	14	100	04.09- 08.18	114886	12	1.2	
		04.09- 08.18	114410	14	130	04.09- 08.18	114216	12	2.0	
Vitz 1.5	(_P13_) [2NR-FKE]					02.17-	116003	12	1.2	
Yaris 1.0	(_P9_) [1KR-FE]	01.06-	114290	14	80	01.06-	114886	12	1.2	
		01.06- 10.08	114311	14	90	01.06- 10.08	114661	12	1.3	
Yaris 1.0	(_P13_) [1KR-FE]	12.10-	116581	14	100					
Yaris 1.0 16V	(_CP10_) [1SZ-FE]	Produced in France	03.03-	114005	14	70	03.03-	113314	12	1.0
		Produced in France	03.03-	114006	14	90				
Yaris 1.0 i	(SCP10) [1SZ-FE]	04.99- 12.02	114231	14	90	A13 04.99- 12.02	114071	12	2.0	
		01.01-	114005	14	70	01.01-	113313	12	0.7	
		Produced in France	01.01-	114006	14	90	01.01-	113314	12	1.0
Yaris 1.0 VVTi	[1KR-FE]	08.05-	114290	14	80	Produced in Japan	08.05-	114886	12	1.2
		08.05- 12.11	116726	14	80	Produced in France	01.06- 10.08	114660	12	1.2
		01.06- 10.08	114311	14	90		01.06-	115524	12	0.85
		01.06-	115666	14	100					
Yaris 1.0	(_P21_, _PA1_, _PH1_) [1KR-FE]	02.20-	116300	14	115					
		02.20-	116697	14	80					
Yaris 1.0 VVTi	(_P13_) [1KR-FE]	06.18-	116581	14	100					
Yaris 1.3	(_P13_) [1NR-FE]	09.11-	116219	14	100	09.11-	115613	12	1.0	
	[2SZ-FE]	09.11-	116219	14	100					
		Produced in France	04.02-	114005	14	70	04.02-	113313	12	0.7
		Produced in France	04.02-	114006	14	90	04.02-	113314	12	1.0
Yaris 1.3 16V	(NCP10) [2NZ-FE]	11.99-	115660	14	70	11.99-	116003	12	1.2	
		11.99-	115791	14	90	11.99-	115524	12	0.85	
Yaris 1.3 VVTi	(_P9_) [1NR-FE]	A25 07.10-	114897	14	80	A49 Produced in France	07.10-	114125	12	1.2
	(NSP90)	A25 03.09-	114897	14	80	A49	03.09-	114661	12	1.3
		08.05-	115863	14	100	08.05-	115644	12	2.0	
		01.06-	114667	14	90	01.06-	114661	12	1.3	
		01.06-	114750	14	80					



Yaris 1.4 D-4D	(_P13_) [1ND-TV] (NLP10)	09.11-	116504	14	100	12.01- 08.05	113314	12	1.0
		12.01- 08.05	114012	14	90	12.01- 08.05	114068	12	1.1
		12.01- 08.05	114041	14	70	12.01- 08.05	114071	12	2.0
		12.01- 08.05	114206	14	90	01.06-	114889	12	1.0
	(NLP90)	01.06-	114291	14	90	01.06-	116472	12	2.0
		01.06-	115657	14	100				
Yaris 1.5	[1NZ-FE]	11.05-	115791	14	90	11.05-	115644	12	2.0
Yaris 1.5 i 16V	(NCP13) [1NZ-FE]	04.01-	115660	14	70	04.01-	116003	12	1.2
		04.01-	115791	14	90	04.01-	115524	12	0.85
Yaris 1.5 TS	(_CP10_) [1NZ-FE]	01.03-	115660	14	70	01.03-	115723	12	1.4
		01.03-	115791	14	90	01.03-	115524	12	0.85
Yaris 1.5 VVTi TS	(_CP10) [1NZ-FE]	03.03- 07.05	115660	14	70	03.03- 07.05	115723	12	1.4
		03.03- 07.05	115791	14	90	03.03- 07.05	115524	12	0.85
Yaris 1.6 Gr 4Wd	(_P21_, _PA1_, _PH1_) [G16E-GTS]	02.20-	110496	14	60	02.20-	113313	12	0.7
Yaris 1.8 VVTi	[2ZR-FE]	01.07-	115863	14	100	01.07-	115613	12	1.0
Yaris Verso 1.3	(NCP2_) [2NZ-FE]	01.03-	115660	14	70	01.03-	114071	12	2.0
		08.99-	115791	14	90	11.99-	113314	12	1.0
Yaris Verso 1.3 VVTi	(_P2_) [2NZ-FE]	03.00- 09.05	115660	14	70	03.00- 09.05	114071	12	2.0
Yaris Verso 1.4 D-4D	(_P2_) [1ND-TV] (NLP22)	10.01- 09.05	114012	14	90	10.01- 09.05	113314	12	1.0
		10.01- 09.05	114206	14	90				
		12.01- 09.05	114012	14	90	12.01- 09.05	113314	12	1.0
			12.01- 09.05	114041	14	70			
		12.01- 09.05	114206	14	90				
Yaris Verso 1.5 4WD	(_NLP2_, _NCP2_) [1NZ-FE]	03.00- 09.05	115791	14	90				
Yaris Verso 1.5 16V	(NCP21) [1NZ-FE]	03.00-	115660	14	70	03.00-	113314	12	1.0
		03.00-	115791	14	90				
Yaris Verso 1.5 TS	(NCP2_) [1NZ-FE]	05.03-	115660	14	70	05.03-	114071	12	2.0
		05.03-	115791	14	90				
PASSENGER CARS US									
4 Runner 2.4	[22R]					01.84- 01.84	110260	12	1.0
						01.84- 01.84	110411	12	1.4
	[22REC]					01.85- 01.85	110260	12	1.0
					01.85- 01.85	110411	12	1.4	
4 Runner 2.4 DLX	[22REC]					01.86- 01.89	110260	12	1.0
						01.86- 01.89	110411	12	1.4
4 Runner 2.4 SR5	[22RE]					01.90- 01.91	110260	12	1.0
						01.90- 01.91	110411	12	1.4
	[22REC]					01.86- 01.89	110260	12	1.0
					01.86- 01.89	110411	12	1.4	
4 Runner 2.4 Turbo SR5	[22RTEC]					01.85- 01.88	110260	12	1.0
						01.85- 01.88	110411	12	1.4
Avalon 3.0	[1MZ-FE]					01.98- 01.98	112367	12	1.4
Avalon 3.0 XL	[1MZ-FE]					01.02- 01.03	112367	12	1.4
Avalon 3.0 XLS	[1MZ-FE]					01.02- 01.03	112367	12	1.4
Camry 2.0	[3S-FE]	01.88- 01.91	111705	14	70	01.88- 01.91	111544	12	1.4
Camry 2.0 All Trac		01.89- 01.91	111705	14	70	01.89- 01.91	111544	12	1.4
Camry 2.0 DLX	[2S-ELC]	01.83- 01.86	111705	14	70	01.83- 01.86	112367	12	1.4
	[3S-FE]	01.87- 01.91	111705	14	70	01.87- 01.91	111544	12	1.4
Camry 2.0 DLX All Trac	[3S-FE]	01.88- 01.91	111705	14	70	01.88- 01.91	111544	12	1.4
Camry 2.0 LE	[2S-ELC]	01.83- 01.86	111705	14	70	01.83- 01.86	111544	12	1.4
	[3S-FE]	01.87- 01.91	111705	14	70	01.87- 01.91	111544	12	1.4
Camry 2.0 LE All Trac	[3S-FE]	01.88- 01.91	111705	14	70	01.88- 01.91	111544	12	1.4
Camry 2.2		01.93- 01.93	111517	14	70	01.93- 01.93	111544	12	1.4
						01.93- 01.93	112367	12	1.4
Camry 2.2 DLX	[5S-FE]	01.92- 01.92	111705	14	70	01.92- 01.92	111544	12	1.4
Camry 2.2 DX	[5S-FE]	01.93- 01.94	111517	14	70	01.93- 01.94	112367	12	1.4
						01.93- 01.94	111544	12	1.4
Camry 2.2 LE	[5S-FE]	01.92- 01.94	111705	14	70	01.92- 01.94	111544	12	1.4
		01.95- 01.95	111517	14	70	01.95- 01.95	112367	12	1.4
Camry 2.2 XLE	[5S-FE]	01.92- 01.94	111705	14	70	01.92- 01.94	111544	12	1.4
		01.95- 01.95	111517	14	70	01.95- 01.95	112367	12	1.4
Camry 3.0						01.93- 01.93	111544	12	1.4
Camry 3.0 DX	[3VZ-FE]					01.93- 01.93	111544	12	1.4
Camry 3.0 LE	[1MZ-FE]					01.94- 01.94	111544	12	1.4
						01.92- 01.93	111544	12	1.4
Camry 3.0 SE	[1MZ-FE]					01.94- 01.94	111544	12	1.4
						01.92- 01.93	111544	12	1.4
Camry 3.0 XLE	[1MZ-FE]					01.94- 01.94	111544	12	1.4
						01.92- 01.93	111544	12	1.4
Celica 1.6 ST	[4A-FE]	01.90- 01.93	110682	14	70	01.90- 01.93	110411	12	1.4
Celica 1.8		01.94- 01.95	111579	14	70	01.94- 01.95	110411	12	1.4
Celica 1.8 ST	[7A-FE]	01.94- 01.95	111579	14	70	01.94- 01.95	110713	12	1.0
						01.96- 01.97	110260	12	1.0
Celica 2.0	[18RC]					01.74- 01.74	110152	12	
Celica 2.0 GT	[2S-ELC]	01.86- 01.86	111705	14	70	01.86- 01.86	110152	12	
		01.87- 01.89	111705	14	70	01.87- 01.89	110260	12	1.0
	[3S-FE]					01.87- 01.89	111544	12	1.4
Celica 2.0 GTS Sport	[3S-GELC]	01.86- 01.89	111705	14	70	01.86- 01.89	110260	12	1.0
Celica 2.0 ST	[3S-FE]	01.87- 01.89	111705	14	70	01.87- 01.89	110260	12	1.0
						01.87- 01.89	111544	12	1.4
Celica 2.0 ST Sport	[2S-ELC]	01.86- 01.86	111705	14	70	01.86- 01.86	110260	12	1.0
Celica 2.0 Turbo All Trac	[3S-GTE]	01.88- 01.92	111705	14	70	01.88- 01.92	110152	12	
						01.88- 01.92	111544	12	1.4
Celica 2.0 Turbo GTS All Trac	[3S-GTE]					01.93- 01.93	111544	12	1.4
Celica 2.2	[20R]					01.75- 01.80	110152	12	
		01.99- 01.99	111517	14	70	01.99- 01.99	110411	12	1.4
Celica 2.2 GT	[5S-FE]					01.90- 01.93	111544	12	1.4
		01.94- 01.95	111517	14	70	01.94- 01.95	110411	12	1.4
Celica 2.2 GTS						01.90- 01.92	111544	12	1.4
Celica 2.2 GTS Sport	[5S-FE]					01.90- 01.93	111544	12	1.4
Corolla 1.1	[KC]	01.68- 01.69	110137	14	30	01.68- 01.69	110421	12	0.8
Corolla 1.2	[3K-C]	01.70- 01.73	110137	14	30	01.70- 01.73	110713	12	1.0
Corolla 1.6	[4A-FE]	01.90- 01.92	110682	14	70	01.90- 01.92	110713	12	1.0
		01.93- 01.94	111579	14	70				
Corolla 1.6 DLX	[4A-F]	01.88- 01.89	110682	14	70	01.88- 01.89	110713	12	1.0
		01.90- 01.92	110682	14	70	01.90- 01.92	110713	12	1.0
Corolla 1.6 DLX All Trac	[4A-FE]	01.88- 01.92	110682	14	70	01.88- 01.92	110713	12	1.0
Corolla 1.6 DX	[4A-FE]	01.96- 01.96	111579	14	70				
Corolla 1.6 FX	[4A-LC]	01.88-	110682	14	70	01.88-	110713	12	1.0
Corolla 1.6 FX16	[4A-GELC]	01.87- 01.88	110496	14	60	01.87- 01.88	110713	12	1.0



TOYOTA Continued

Corolla 1.6 FX16 GTS	[4A-GELC]	01.87- 01.88	110496	14	60	01.87- 01.88	110713	12	1.0
Corolla 1.6 GTS	[4A-GE]	01.88- 01.91	110496	14	60	01.88- 01.91	110713	12	1.0
Corolla 1.6 GTS Sport	[4A-GEC]	01.85- 01.87	110496	14	60	01.85- 01.87	110713	12	1.0
Corolla 1.6 LE	[4A-F]	01.88- 01.89	110682	14	70				
	[4A-FE]	01.90- 01.92	110682	14	70	01.90- 01.92	110713	12	1.0
Corolla 1.6 LSX		01.92- 01.92	110682	14	70				
Corolla 1.6 SR5	[4A-F]	01.88- 01.89	110682	14	70	01.88- 01.89	110713	12	1.0
	[4A-FE]	01.90- 01.91	110682	14	70	01.90- 01.91	110713	12	1.0
Corolla 1.6 SR5 All Trac	[4A-FE]	01.88- 01.91	110682	14	70				
Corolla 1.8	[7A-FE]	01.97- 01.97	111579	14	70				
Corolla 1.8 All Trac		01.93- 01.93	111579	14	70				
Corolla 1.8 DX	[7A-FE]	01.93- 01.94	111579	14	70				
Corolla 1.8 LE	[7A-FE]	01.93- 01.94	111579	14	70				
Corona 1.9	[3R-C]					01.67- 01.70	110152	12	
Corona 2.0	[18RC]					01.72- 01.73	110152	12	
						01.72- 01.73	110411	12	1.4
Corona 2.2	[20R]					01.79- 01.80	110152	12	
						01.79- 01.80	110411	12	1.4
Corona 2.2 Custom	[20R]					01.77- 01.78	110152	12	
						01.77- 01.78	110411	12	1.4
Corona 2.2 DLX	[20R]					01.75- 01.78	110152	12	
						01.75- 01.78	110411	12	1.4
Corona 2.2 SR5	[20R]					01.75- 01.76	110152	12	
						01.75- 01.76	110411	12	1.4
Corona 2.4 DLX	[22R]					01.81- 01.82	110260	12	1.0
						01.81- 01.82	110411	12	1.4
Corona 2.4 Luxury Edition	[22R]					01.81- 01.82	110260	12	1.0
						01.81- 01.82	110411	12	1.4
Corona MK 1.9	[3R-C]					01.69- 01.70	110152	12	
Corona MK 2.0	[18RC]					01.72- 01.72	110152	12	
						01.72- 01.72	110411	12	1.4
Cressida 2.6	[4ME]					01.80- 01.80	110396	12	1.4
Cressida 3.0 Luxury	[7M-GE]	01.89- 01.92	111705	14	70	01.89- 01.92	110396	12	1.4
Crown 2.3	[2M]					01.68- 01.71	110396	12	1.4
Echo 1.5	[1NZ-FE]					01.04-	113314	12	1.0
FJ CRUISER 4.0 V6	(GSJ1) [1GR-FE]	12.10-	116494	14	80				
Highlander 3.3	[3MZ-FE]	01.04-	116140	14	150	01.04-	112367	12	1.4
Land Cruiser 2.4	(HJ60)					01.87-	113239	12	2.5
Land Cruiser 3.4	(BJ60LG-MK)[3B]					01.84-	113239	12	2.5
	(BJ60LV-KK)					01.81-	113239	12	2.5
Land Cruiser 3.9	[F]					01.73- 01.73	113239	12	2.5
	[FJ]					01.69- 01.72	113239	12	2.5
Land Cruiser 4.0	[3F-E]					01.88- 01.92	113239	12	2.5
Land Cruiser 4.2	(BJ42)					01.81-	113239	12	2.5
	(BJ60)					01.81-	113239	12	2.5
	(BJ60)					01.82-	113239	12	2.5
	(BJ42)					01.83-	113239	12	2.5
	(BJ60)					01.83-	113239	12	2.5
	(BJ42)					01.84-	113239	12	2.5
	(BJ60)					01.84-	113239	12	2.5
	(BJ60)					01.85-	113239	12	2.5
	(BJ70)					01.85-	113239	12	2.5
	(BJ70)					01.86-	113239	12	2.5
	(HJ60)					01.86-	113239	12	2.5
	(BJ70)					01.87-	113239	12	2.5
Land Cruiser 4.2	[2F]					01.75- 01.77	113239	12	2.5
Land Cruiser 4.5	[1FZ-FE]					01.93- 01.95	113169	12	2.2
						01.93- 01.95	113239	12	2.5
Land Cruiser 4.7	[2UZ-FE]					01.02- 01.02	113239	12	2.5
Land Cruiser 5.7	[3UR-FE]					01.08-	113239	12	2.5
Mark II 2.3	[2M]					01.72- 01.72	110396	12	1.4
Mark II 2.6	[4M]					01.73- 01.73	110396	12	1.4
MR2 1.6	[4A-GELC]	01.85- 01.89	110496	14	60	01.85- 01.89	111544	12	1.4
MR2 2.0 Turbo	[3S-GTE]	01.91- 01.95	112102	14	90	01.91- 01.95	111544	12	1.4
MR2 2.2	[5S-FE]	01.91- 01.95	112102	14	90	01.91- 01.95	111455	12	0.8
Paseo 1.5	[5E-FE]	01.92- 01.95	110496	14	60	01.92- 01.95	113665	12	0.8
		01.96- 01.97	111678	14	60				
Paseo 1.5 Convertible	[5E-FE]	01.97- 01.97	111678	14	60	01.97- 01.97	113665	12	0.8
Pick Up 1.9	[3R-C]	01.69-	110137	14	30	01.69-	110411	12	1.4
	[8R-C]	01.70- 01.71	110137	14	30	01.70- 01.71	110411	12	1.4
						01.70- 01.71	110152	12	
Pick Up 2.0	[18RC]					01.72- 01.73	110152	12	
Pick Up 2.2	[L]					01.81- 01.81	110708	12	2.7
Pick Up 2.2 DLX	[L]					01.82- 01.83	110708	12	2.7
Pick Up 2.2 SR5	[L]					01.83- 01.83	110708	12	2.7
Pick Up 2.2	[20R]					01.75- 01.80	110152	12	
						01.75- 01.80	110411	12	1.4
Pick Up 2.4 DLX	[2L]					01.84- 01.85	110708	12	2.7
Pick Up 2.4 LN56						01.84- 01.84	110708	12	2.7
Pick Up 2.4 S/B X/C DX	[2L]					01.85- 01.85	110708	12	2.7
Pick Up 2.4 Turbo DLX	[2LT]					01.85- 01.85	110708	12	2.7
Pick Up 2.4 Turbo S/B X/C DX	[2LT]					01.85- 01.85	110708	12	2.7
Pick Up 2.4	[22R]					01.81- 01.90	110260	12	1.0
						01.81- 01.90	110411	12	1.4
	[22RE]					01.89- 01.93	110260	12	1.0
	[22REC]					01.84- 01.88	110260	12	1.0
						01.84- 01.88	110411	12	1.4
Pick Up 2.4 DLX	[22R]					01.82- 01.90	110260	12	1.0
						01.82- 01.90	110411	12	1.4
	[22RE]					01.89- 01.93	110260	12	1.0
	[22REC]					01.89- 01.93	110411	12	1.4
						01.87- 01.88	110260	12	1.0
Pick Up 2.4 RN01						01.91- 01.91	110411	12	1.4
						01.91- 01.91	110260	12	1.0
Pick Up 2.4 RN02						01.93- 01.93	110260	12	1.0
Pick Up 2.4 RN60						01.85- 01.85	110411	12	1.4
						01.85- 01.85	110260	12	1.0
Pick Up 2.4 RN63						01.86- 01.87	110411	12	1.4
						01.86- 01.87	110260	12	1.0



Pick Up 2.4 SR5	[22R]				01.82- 01.83	110260	12	1.0
					01.82- 01.83	110411	12	1.4
	[22RE]				01.89- 01.90	110260	12	1.0
					01.89- 01.90	110411	12	1.4
	[22REC]				01.84- 01.88	110260	12	1.0
					01.84- 01.88	110411	12	1.4
Pick Up 2.4 Turbo	[22RTEC]				01.86- 01.87	110260	12	1.0
					01.86- 01.87	110411	12	1.4
Pick Up 2.4 Turbo SR5	[22RTEC]				01.85- 01.88	110260	12	1.0
					01.85- 01.88	110411	12	1.4
RAV 4 2.0	[1AZFE]				01.03- 01.03	112367	12	1.4
	[1AZ-FE]				01.01- 01.02	112367	12	1.4
Sienna 3.3	[3MZ-FE]	01.04-	116140	14 150	01.04-	112367	12	1.4
Sienna 3.3 CE	[3MZ-FE]	01.05-	116140	14 150	01.05-	112367	12	1.4
Sienna 3.3 LE	[3MZ-FE]	01.05-	116140	14 150				
Sienna 3.3 XLE	[3MZ-FE]	01.05-	116140	14 150				
Sienna 3.3 XLE LIMITED	[3MZ-FE]	01.05-	116140	14 150				
Solara 2.2	[5S-FE]				01.00- 01.01	112367	12	1.4
Solara 2.4	[2AZ-FE]				01.03- 01.03	112367	12	1.4
Solara 3.0	[1MZ-FE]				01.00- 01.02	112367	12	1.4
Supra 3.0	[7M-GE]	01.86- 01.86	111705	14 70	01.86- 01.90	110396	12	1.4
Supra 3.0 Turbo	[7M-GTE]	01.87- 01.90	111705	14 70				
Tercel 1.5	[3E]	01.87- 01.90	110496	14 60	01.87- 01.90	113665	12	0.8
		01.87- 01.90	110628	14 45				
	[3EE]	01.91- 01.94	110496	14 60				
	[5E-FE]	01.95- 01.95	111678	14 60				
Tercel 1.5 CE	[5E-FE]	01.97- 01.97	111678	14 60				
Tercel 1.5 DLX	[3E]	01.87- 01.88	110496	14 60	01.87- 01.88	113665	12	0.8
		01.87- 01.88	110628	14 45				
	[3EE]	01.90- 01.94	110496	14 60				
		01.93- 01.95	111678	14 60				
Tercel 1.5 DX	[5E-FE]	01.95- 01.95	111678	14 60				
Tercel 1.5 EZ	[3E]	01.88- 01.88	110496	14 60				
		01.88- 01.88	110628	14 45				
	[3EE]	01.90- 01.90	110496	14 60				
Tercel 1.5 LE	[3EE]	01.91- 01.93	110496	14 60				
Tercel 1.5 S		01.90- 01.90	110496	14 60				
		01.90- 01.90	110628	14 45				
Tundra 4.7	[2UZ-FE]	01.00- 01.00	114433	14 80				
Van 2.0 CRG	[3YEC]	01.84- 01.85	111428	14 60	01.84- 01.85	110397	12	1.0
Van 2.0 DX	[3YEC]	01.84- 01.85	111428	14 60	01.84- 01.85	110397	12	1.0
Van 2.0 LE	[3YEC]	01.84- 01.85	111428	14 60	01.84- 01.85	110397	12	1.0
Van 2.2 CRG	[4Y-EC]	01.86- 01.89	111428	14 60				
Van 2.2 DX	[4Y-EC]	01.86- 01.89	111428	14 60				
Van 2.2 LE	[4Y-EC]	01.86- 01.89	111428	14 60				
PASSENGER CARS AO								
4 Runner 2.4 TD RS5 4WD	(_N130_)[2L-T]				08.89- 11.95	110708	12	2.7
					08.89- 11.95	111387	12	2.0
4 Runner 3.0 TDi 4x4					09.00- 07.02	113757	12	2.2
Allion 2.0 4x4					06.01- 06.07	114255	12	1.3
Alphard 2.4	[2AZ-FE]	05.08- 12.14	116765	14 130				
Alphard 2.4 4x4	[2AZ-FE]	05.08- 12.14	116765	14 130				
Avensis 2.0 VVTi	(T25)[1AZ-FE]				03.03-	114255	12	1.3
					03.03-	114817	12	1.3
Avensis 2.4 VVTi Verso GLS	(AC_)[2AZ-FE]	10.03-	114273	14 100	10.03-	114817	12	1.3
					10.03-	114255	12	1.3
bB 1.5	[1NZ-FE]	03.00-	116509	14 80	03.00-	115784	12	0.8
Camry 2.0 4WD	(_V2_)[3S-FE]	08.88- 05.91	111705	14 70	08.88- 05.91	111544	12	1.4
Camry Solara 2.4	[2AZ-FE]	04.00-	114186	14 90				
Coaster 4.0	(HZ_)[N04C-UP]	11.03-	116029	28 60				
	(HZ_)[N04C-VF]	11.03-	116029	28 60				
Coaster 4.1 Diesel	(HZ_)	11.03-	116029	28 60	11.03-	110260	12	1.0
Corolla 1.8	(_E12_)[1ZZ-FE]	06.04-	113296	14 80	06.04-	113314	12	1.0
		06.04-	114158	14 70	06.04-	114240	12	1.4
Corolla 1.8 Verso	(ZER_, ZZE_)	03.04-	113296	14 80	03.04-	114056	12	1.3
	(ZER_, ZZE_)	03.04-	116332	14 90				
Corolla 2.0 D-4D GS	(_E11_)[1CD-FTV]	08.00- 10.01	114227	14 120	08.00- 10.01	114216	12	2.0
Corolla 2.2 D-4D	(_E12J_, _E12T_)[2AD-FHV]	11.06-	114390	14 100				
		11.06-	114410	14 130				
Crown 2.4 Diesel	[2L-TE]	08.94- 08.99	114203	14 60				
Dyna 3.0 D-4D	(_U4_, KD_, LY_, TRY2_, KDY2_)[1KD-FTV]	09.06-	116637	14 130	09.11- 05.15	113938	12	2.7
		09.11- 05.15	116664	14 100				
	(KD_, LY_)	09.06-	116664	14 100	09.06-	113757	12	2.2
Dyna 100 1.8	(YH_)[2Y]				01.86- 08.91	110708	12	2.7
					09.91- 09.93	111387	12	2.0
Dyna 150 2.8 Diesel	(LY_)[3L]				08.89- 09.93	111387	12	2.0
Dyna 200 3.0 Diesel					08.89- 09.93	111387	12	2.0
Echo 1.5 VVTi	[1NZ-FE]				04.99- 08.05	113314	12	1.0
FJ CRUISER 4.0 VVTi	(GSJ1_)[1GR-FE]	01.06-	116090	14 100				
		01.06-	116494	14 80				
Fortuner 3.0 Diesel	(N2_)[1KD-FTV]				06.04-	115594	12	2.2
Hiac 2.5 D-4D	(_H1_, _H2_)[2KD-FTV]	09.06-	114024	14 80	09.06-	110397	12	1.0
	(H20_)	09.06-	116637	14 130	09.06-	116254	12	2.0
	(H200)	09.06-	116637	14 130	09.06-	116254	12	2.0
Hiac 2.5 D-4D 4x4	(_H1_, _H2_)[2KD-FTV]	09.06-	114024	14 80	09.06-	110397	12	1.0
Hiac 2.7 VVTi	(_H1_, _H2_)	01.05-	116637	14 130	01.05-	110397	12	1.0
	(_H1_, _H2_)	01.05-	116637	14 130	01.05-	113936	12	2.7
Hiac 3.0 Diesel	(H20_)[1KD-FTV]	01.05-	116637	14 130				
Hilux 1.6	(_N_)[12R]				05.72- 03.82	110154	12	0.8
Hilux 2.0 4x4	(_N_)[18R]				01.79- 12.83	110152	12	
Hilux 2.2 Diesel	(_N_)[L]				01.83-	111387	12	2.0
Hilux 2.4 TD 4x4	[2L-TE]				08.95-	112336	12	2.0
Hilux 3.4	(_N_)	08.01- 07.05	114362	14 80	08.01- 07.05	110396	12	1.4
Hilux 4.0 4x4	[1GR-FE]	08.05-	116494	14 80	08.05-	110397	12	1.0
Kluger 3.3 Hybrid Hybrid	(_MCU2_, _ACU2_)[3MZ-FE]	03.05- 05.07	116140	14 150				
Kluger 3.3		10.03-	116140	14 150				
Kluger 3.3 4x4		10.03-	116140	14 150				
Land Cruiser 2.4 80 4x4	(_J8_)[22R]				01.90- 05.93	113239	12	2.5
Land Cruiser 2.7	(J12)[2TR-FE]				11.03-	113239	12	2.5
Land Cruiser 2.7 90	(_J9_)				04.95- 07.02	113239	12	2.5



TOYOTA Continued

Land Cruiser 3.0 TD 90	(_J9_)[1KZ-TE]			04.95- 07.00	113239	12	2.5
Land Cruiser 3.0 TD GX 90 Custom 4WD	(_J8_)[1KZ-T]			01.90- 09.91	113757	12	2.2
Land Cruiser 3.4	(J12)			09.02- 08.04	113239	12	2.5
Land Cruiser 3.5 FRT-Top 4WD	(_J7_)[1P2]			01.90- 08.92	113239	12	2.5
Land Cruiser 4.0 Diesel 4x4	(_J7_)[2H]			08.87- 12.89	113239	12	2.5
Land Cruiser 4.0 TD 4x4	(_J7_)			01.97- 08.01	113239	12	2.5
Land Cruiser 4.0	(KDJ12_, GRJ12_)[1GR-FE]	08.05-	116494	14	80		
	(J12)	09.02- 08.04	116494	14	80		
	(J12)			09.02- 08.04	113239	12	2.5
Land Cruiser 4.0 4x4	(_J7_)[1GR-FE]	03.07-	116494	14	80		
Land Cruiser 150 3.0 TDi	(KDJ15_, GRJ15_)[1KD-FTV]	01.10-	113969	14	100		
		01.10-	114024	14	80		
		01.10-	116637	14	130		
MR 2 2.0	(_W2_)[3S-FE]	12.89- 08.92	111705	14	70		
Picnic 2.4 VVTi 4x4	[2AZ-FE]			11.03- 08.06	114255	12	1.3
PZJ75				01.90- 01.95	113239	12	2.5
RAV 4 2.0 4x4	(SXA1_)	04.94- 09.97	111517	14	70		
RAV 4 2.4 VVTi 4WD	(ACA_, ACE_)[2AZ-FE]	11.05-	116610	14	100		
Rush 1.5		03.06-	116509	14	80		
Rush 1.5 4x4		03.06-	116509	14	80		
Sequoia 4.7	[2UZ-FE]	05.00-	114433	14	80		
Sequoia 4.7 4x4		05.00-	114433	14	80		
Starlet 1.3 XL	(_P8_)[2E]	12.89- 06.91	110496	14	60		
		12.89- 01.92	110628	14	45		
Stout 2.2	[4Y]			01.68-	110152	12	
Tarago 2.4	[2AZ-FE]	10.05-	116765	14	130		
Wish 2.0 Zi				04.03-	114255	12	1.3
Yaris 1.3	(_P13_)[1NR-FE]	12.10-	116219	14	100		
				12.10-	116003	12	1.2
FORK LIFTS							
2FG-7			110629	14	35		
2FG-9			110629	14	35		
2FGL-7			110629	14	35		
2FGL-9			110629	14	35		
4SG-10			110629	14	35		
4SG-12			110629	14	35		
4SG-15			110629	14	35		
5FD-10		01.89- 01.94	110629	14	35		
5FD-14		01.89- 01.94	110629	14	35		
5FD-15		01.89- 01.94	110629	14	35		
5FD-18		01.89- 01.94	110629	14	35		
5FD-20		01.89- 01.94	110629	14	35		
5FD-23		01.89- 01.94	110629	14	35		
5FD-25		01.89- 01.94	110629	14	35		
5FD40		01.88- 01.93	111018	14	50		
5FD45				01.88- 01.94	110490	24	4.5
5FD50				01.90-	110490	24	4.5
5FD60				01.90-	110490	24	4.5
5FD70				01.90-	110490	24	4.5
5FDL-10		01.89- 01.94	110629	14	35		
5FDL-14		01.89- 01.94	110629	14	35		
5FDL-15		01.89- 01.94	110629	14	35		
5FDL-18		01.89- 01.94	110629	14	35		
5FDL-20		01.89- 01.94	110629	14	35		
5FDL-23		01.89- 01.94	110629	14	35		
5FDL-25		01.89- 01.94	110629	14	35		
5FG10				01.89-	111189	12	0.8
		01.89- 01.94	110629	14	35		
5FG14				01.89- 01.94	110411	12	1.4
				01.89-	111189	12	0.8
		01.89- 01.94	110629	14	35		
5FG15		01.89- 01.94	110629	14	35		
5FG18		01.89- 01.94	110629	14	35		
5FG20		01.89- 01.94	110629	14	35		
		01.86- 01.88	111017	14	50		
		01.89-	111018	14	50		
5FG23		01.89- 01.94	110629	14	35		
		01.86- 01.88	111017	14	50		
		01.89- 01.93	111018	14	50		
5FG25		01.89- 01.94	110629	14	35		
		01.86- 01.88	111017	14	50		
		01.89- 01.93	111018	14	50		
5FG-28		01.89- 01.94	110629	14	35		
5FG-30		01.89- 01.94	110629	14	35		
5FG35		01.89-	111018	14	50		
5FG38		01.89-	111018	14	50		
5FG40		01.89-	111018	14	50		
5FG45		01.90-	111018	14	50		
5FG50				01.94-	110411	12	1.4
5FG60		01.90-	111018	14	50		
5FGL10				01.89-	111189	12	0.8
		01.89- 01.94	110629	14	35		
5FGL14				01.89-	111189	12	0.8
		01.89- 01.94	110629	14	35		
5FGL15				01.89- 01.94	110411	12	1.4
				01.89-	111189	12	0.8
		01.89- 01.94	110629	14	35		
5FGL18				01.89-	111189	12	0.8
		01.89- 01.94	110629	14	35		
5FGL20		01.89- 01.94	110629	14	35		
		01.86- 01.88	111017	14	50		
		01.89-	111018	14	50		
5FGL23		01.89- 01.94	110629	14	35		
		01.86- 01.88	111017	14	50		
		01.89-	111018	14	50		
5FGL-25		01.89- 01.94	110629	14	35		
6FDL-10			110629	14	35		
6FDL-14			110629	14	35		
6FDL-15			110629	14	35		
6FDL-18			110629	14	35		
6FDL-20			110629	14	35		
6FDL-23			110629	14	35		



6FDL-25			110629	14	35			
6FG-10			110629	14	35			
6FG-14			110629	14	35			
6FG-15			110629	14	35			
6FG-18			110629	14	35			
6FG-20			110629	14	35			
6FG-23			110629	14	35			
6FG-25			110629	14	35			
6FG-28			110629	14	35			
6FG-30			110629	14	35			
6FGL-10			110629	14	35			
6FGL-14			110629	14	35			
6FGL-15			110629	14	35			
6FGL-18			110629	14	35			
6FGL-20			110629	14	35			
6FGL-23			110629	14	35			
6FGL-25			110629	14	35			
7FD10		01.98-	112358	14	55			
7FD14		01.98-	112358	14	55			
7FD15		01.98-	112358	14	55			
7FD18		01.98-	112358	14	55			
7FD20						01.98-	113238	12 2.5
		01.98-	112358	14	55	01.98-	112036	12 2.5
7FD23						01.98-	113238	12 2.5
		01.98-	112358	14	55	01.98-	112036	12 2.5
FG20	[2R]		110137	14	30		110411	12 1.4
			110138	14	40			
FG25	[5R]		110137	14	30		110411	12 1.4
			110138	14	40			
Various Models			113989	14	50			
			114725	14	50			
Trackless								
INDUSTRY								
Various Models			115680	14	95			
Triumph								
PASSENGER CARS EU								
Spitfire 1.5 1500	[FM11]	01.75- 12.80	110178	14	36	01.75- 12.80	111103	12 0.8
Spitfire MK 1.3	[FM3]	01.71- 01.72	110178	14	36	01.71- 01.72	111103	12 0.8
TR 6 2.5	[CF1]	01.69- 12.76	110179	14	36			
		01.72- 12.76	110178	14	36			
TR 7 2.0	[CG2]	01.73- 12.81	110179	14	36			
PASSENGER CARS US								
GT6 2.0						01.68- 01.73	111102	12 0.8
Spitfire 1.2						01.63- 01.67	111102	12 0.8
Spitfire 1.5	[FP]	01.75- 01.79	110178	14	36	01.75- 01.79	111102	12 0.8
	[W]	01.80- 01.80	110178	14	36	01.80- 01.80	111102	12 0.8
Spitfire 3.0						01.71- 01.73	110336	12 0.75
TR 250 2.5		01.68- 01.68	110178	14	36	01.68- 01.68	111102	12 0.8
TR 6 2.5	[CF]	01.75- 01.76	111184	14	43			
		01.73- 01.73	110178	14	36			
TR 7 2.0	[1]	01.81- 01.81	110179	14	36	01.73- 01.73	111102	12 0.8
	[CL]	01.75- 01.79	110179	14	36			
	[CV]	01.77-	110179	14	36			
TR 8 3.5		01.80- 01.80	111185	14	43	A47		
TVR								
PASSENGER CARS EU								
Tasmin Cabriolet 3.5		01.83- 12.84	111204	14	70			
Universal								
MISCELLANEOUS								
Universal unit			110977	28	35			
			111355	14	65			
Valtra								
INDUSTRY								
YT-30 Terminal Tractors	[6BT5.9]		111843	14	95			
	[6BTA5.9]		111843	14	95			
YT-50 Terminal Tractors	[6BTA5.9]		111843	14	95			
YT-60 Terminal Tractors	[6BTA5.9]		111843	14	95			
Various								
MARINE								
Various Models			113152	14	90			
			113633	14	55			
			114767	28	100			
			110577	28	55		111049	12
			110976	14	65		110999	24
			111761	14	105			
			112237	14	70			



Application list

Various Industrial applications									
INDUSTRY									
			112657	28	60			113671	12
			113457	28	60			113591	12
			113497	28	35			113592	12
			113707	14	200			115469	12
			113650	28	80			115590	24 9.0
			113651	14	160			115447	24 7.5
			113738	28	55 A49			115404	12 3.0
			113743	14	20			115393	12 4.0
			113763	14	85			114717	12 2.7
			113886	28	50			114852	12 4.2
			113895	28	80			114677	12 2.0
			113777	14	145			114730	12 2.1
			114302	28	75			114824	24 4.0
			114256	14	90			114743	12 1.5
			114767	28	100			114744	24 5.4
			114770	14	80			114170	24 4.0
			114813	28	65			116510	12 3.6
			114868	14	75			116305	24 4.5
			115381	28	80			115355	24 5.4
			115386	28	140				
			115387	28	140				
			115780	28	40				
			116155	28	55				
			116317	28	70				
			116623	14	200				
			116764	28	155				
			114657	14	14				
			111575	14	90			113208	12 0.8
			112559	14	50			113827	24 7.0
Vauxhall									
PASSENGER CARS EU									
Adam 1.2	[A12XEL]	10.12-	114727	14	130		10.12-	115395	12 1.1
							10.12-	115646	12 1.1
Adam 1.4	[A14XEL]	10.12-	114727	14	130		10.12-	115395	12 1.1
							10.12-	115646	12 1.1
	[A14XER]	10.12-	114727	14	130		10.12-	115395	12 1.1
							10.12-	115646	12 1.1
Agila 1.0	[K10B]	01.08-	114247	14	75		01.08-	113276	12 1.1
Agila 1.0 12V	[Z10XE]	Chas. 1G0Z1260- 09.00-	111824	14	70	Chas. -19P00893	09.00-	111123	12 0.9
	[Z10XEP]	08.03- 08.07	111824	14	70		08.03- 08.07	111684	12 1.4
Agila 1.2	[K12B]	01.08-	114247	14	75		01.08-	113276	12 1.1
							01.08-	114871	12 1.1
Agila 1.2 16V	[K12B]	01.08-	114247	14	75		01.08-	114871	12 1.1
	[Z12XE]	Chas. 1G0Z1260- 09.00-	111824	14	70		09.00-	111123	12 0.9
Agila 1.2 16V Twinport	[Z12XEP]	07.04- 08.07	111824	14	70	Chas. 19P00894-	07.04- 08.07	113276	12 1.1
Agila Mk II 1.0 i	[K10B]	08.11-	114247	14	75		08.11-	114871	12 1.1
Antara 2.2 CDTi	[A22DM]	12.10-	115761	14	140		12.10-	115571	12 2.2
	[A22DMH]	12.10-	115761	14	140		12.10-	115773	12 1.3
Antara 2.4	[A24XE]	12.10-	115478	14	120		12.10-	111848	12 1.0
							12.10-	115571	12 2.2
							12.10-	115773	12 1.3
Arena 2.5 Diesel	[S8U758]	03.98- 08.01	111937	14	75		03.98- 08.01	113481	12 1.4
		03.98- 08.01	112057	14	110		03.98- 08.01	113134	12 2.2
	[S8U780]	03.98- 08.01	111937	14	75		03.98- 08.01	113481	12 1.4
		03.98- 08.01	112057	14	110		03.98- 08.01	113134	12 2.2
	[S8U782]	03.98- 08.01	111937	14	75		03.98- 08.01	113481	12 1.4
		03.98- 08.01	112057	14	110		03.98- 08.01	113134	12 2.2
Astra 1.6	[Z16LET]	10.06- 11.10	115843	14	120				
	[Z16XER]	Chas. 72094719- 10.06- 11.10	115306	14	120				
Astra 1.8	[Z18XER]	Chas. 71052537- 05.08- 11.10	115306	14	120				
Astra 1.9 CDTi	[Z19DTH]	01.06-	113904	14	130		01.06-	113931	12 1.7
		01.06-	113955	14	105		01.06-	111848	12 1.0
		01.06-	114088	14	140		01.06-	114298	12 1.1
		01.06- 11.10	115487	14	140 A49				
Astra 1.9 CDTi LE	[Z19DTL]	08.05-	113904	14	130		08.05-	113276	12 1.1
		08.05-	113955	14	105		08.05-	111848	12 1.0
		08.05-	114088	14	140		08.05-	114298	12 1.1
		08.05-	114204	14	120				
		08.05- 11.10	115487	14	140 A49				
Astra 2.0 16V Turbo	[Z20LER]	01.06- 11.10	115846	14	120				
Astra 2.0 i	[Z20LEL]	02.06- 11.10	115846	14	120				
Astra 2.0 Turbo	[Z20LET]	03.02-	112416	14	100		03.02-	111848	12 1.0
Astra 2.0 Turbo SRI	[Z20LET]	07.02-	112416	14	100		07.02-	111848	12 1.0
		!323-, 35216265-, 38100965- 07.02- 05.05	115619	14	120				
Astra D 1.2 S	[12S]	02.82- 08.84	110077	14	50		02.82- 08.84	110839	12 1.7
		08.82- 08.84	113376	14	55				
Astra D 1.3 S	[13S]	09.79- 08.84	110077	14	50		09.79- 08.84	110839	12 1.7
		09.79- 08.84	113376	14	55				
Astra D 1.8 GTE	[18E]	03.83- 08.86	111168	14	55				
Astra E 1.2	[12S]	09.84- 08.91	110077	14	50		09.84- 08.91	110839	12 1.7
		09.84- 08.91	113376	14	55				
Astra E 1.3	[13S]	09.84- 08.91	110077	14	50		09.84- 08.91	110839	12 1.7
		09.84- 08.91	113376	14	55		09.84- 08.91	110847	12 1.4
Astra E 1.4 i	[C14NZ]	01.90- 08.91	113376	14	55				
Astra E 1.6 Diesel	[16DA]	09.88- 01.89	111168	14	55		09.88- 01.89	110847	12 1.4
		09.88- 12.89	112056	14	70				
Astra E 1.7 Diesel	[17DR]	02.89-	111168	14	55		02.89-	111127	12 1.4
Astra E 1.8 GTE	[18E]	09.84- 08.86	111168	14	55		09.84- 08.86	111123	12 0.9
	[18SE]	09.86- 08.91	111168	14	55		09.86- 08.91	111123	12 0.9
Astra E 2.0 GTE	[20SEH]	01.88- 08.91	111169	14	70				
Astra F 1.4 i 16V	[X14XE]	02.96- 09.98	112229	14	70				
Astra F 1.4 i	[C14NZ]	09.91- 02.98	113376	14	55				
		PS 09.92- 09.98	112229	14	70				
	[C14SE]	PS 09.92- 09.98	112229	14	70				
Astra F 1.4 S	[14NV]	09.91- 09.93	113376	14	55				
Astra F 1.6 i 16V	[X16XEL]	01.94- 02.98	111732	14	120		01.94- 02.98	111848	12 1.0
		01.94- 02.98	112229	14	70				
Astra F 1.6 i	[C16NZ]	PS 09.92- 02.98	112229	14	70				



[C16SE]		03.92- 02.98	111426	14	100	03.92- 02.98	110847	12	1.4
		03.92- 02.98	111732	14	120	03.92- 02.98	111127	12	1.4
		09.92-	112229	14	70				
[E16NZ]	PS	09.92- 02.98	112229	14	70	07.94- 02.98	110847	12	1.4
[X16SZ]	PS	03.93- 08.96	112229	14	70	07.94- 02.98	111127	12	1.4
		07.94- 02.98	111426	14	100	07.94- 02.98	111848	12	1.0
		07.94- 02.98	111732	14	120				
[X16SZR]	PS	09.95- 08.97	111426	14	100	09.95- 08.97	111123	12	0.9
		09.95- 08.97	111732	14	120	09.95- 08.97	111848	12	1.0
		09.95- 08.97	112229	14	70				
Astra F 1.6 i Eco	[X16SZ]	PS	08.94- 07.96	112229	14	70			
Astra F 1.7 Diesel	[17D]	12.91- 02.98	111515	14	70	12.91- 02.98	111127	12	1.4
		12.91-	112056	14	70	12.91-	111684	12	1.4
		07.92- 09.98	112056	14	70	09.92- 09.98	111127	12	1.4
Astra F 1.7 TD	[17DT (TC4EE1)]	09.92- 09.98	111515	14	70				
		12.91- 02.98	111515	14	70	12.91- 02.98	111127	12	1.4
		12.91-	112056	14	70	12.91- 02.98	110839	12	1.7
	Chas. -52...,55..., 56..., S8999999	12.91- 02.98	111186	14	70				
		11.94- 09.98	111515	14	70	11.94- 09.98	111127	12	1.4
		11.94- 09.98	112056	14	70				
Astra F 1.8 16V	[C18XEL]	11.94-	111426	14	100	11.94-	111123	12	0.9
		11.94-	112229	14	70				
		03.96-	111426	14	100	03.96-	111123	12	0.9
Astra F 1.8 i 16V	[C18XE]	03.96-	112229	14	70				
		09.94- 10.94	111426	14	100	09.94- 10.94	111123	12	0.9
		09.94- 02.98	111732	14	120	09.94- 02.98	111848	12	1.0
	[C18XEL]	09.94- 10.94	112229	14	70	09.94-	111123	12	0.9
		09.94-	111426	14	100	09.94- 02.98	111848	12	1.0
		09.94- 02.98	111732	14	120				
Astra F 1.8 i	[C18NZ]	09.94-	112229	14	70				
		03.92- 09.98	111514	14	100	03.92- 09.98	111127	12	1.4
		09.91- 08.92	111169	14	70	09.91- 08.92	110839	12	1.7
		09.91-	111426	14	100	09.91-	111123	12	0.9
		09.91-	112229	14	70	09.92-	110847	12	1.4
Astra F 2.0 i 16V	[C20XE]	09.91-	111426	14	100	09.91-	111123	12	0.9
		09.91-	111732	14	120	Chas. 997453- 09.91-	111690	12	1.1
		09.91- 02.98	112056	14	70				
	[X20XEV]	09.91- 02.98	112229	14	70				
		02.95- 09.98	111426	14	100	02.95- 09.98	111123	12	0.9
		02.95- 09.98	112229	14	70				
Astra F 2.0 i	[C20NE]	03.92- 09.98	111426	14	100	09.91- 08.92	110839	12	1.7
		03.92- 09.98	112229	14	70	09.91- 02.98	111690	12	1.1
		09.91- 08.92	111169	14	70	09.91- 02.98	111848	12	1.0
		09.91- 02.98	111732	14	120	03.92- 09.98	111123	12	0.9
			111990	14	70	03.98-	111123	12	0.9
			112416	14	100	03.98-	113674	12	2.0
Astra G 1.4 16V	[X14XE]		115619	14	120				
		Chas. -12257452, -				09.98-	111123	12	0.9
			111990	14	70				
	[Z14XE]		112416	14	100				
			115619	14	120				
Astra G 1.6	[X16SZR]	02.98-	111990	14	70	02.98-	111123	12	0.9
		02.98-	112416	14	100	02.98-	113276	12	1.1
		Chas. -12257452, - 09.97- 08.05	115619	14	120				
Astra G 1.6 16V	[C16SEL]	03.98- 08.00	112416	14	100	09.98-	112431	12	1.1
		09.98-	111990	14	70				
		Chas. -12257452, - 09.97- 08.00	115619	14	120				
	[X16XEL]		111990	14	70	02.98-	111123	12	0.9
			112416	14	100	03.98- 08.00	113674	12	2.0
		Chas. -12257452, -	115619	14	120				
	[Z16XE]		111990	14	70	02.98-	111123	12	0.9
			115619	14	120				
		02.98-	112416	14	100				
	[Z16XEP]	03.98- 08.00	112416	14	100	09.98-	112431	12	1.1
		09.98-	111990	14	70				
		Chas. -12257452, - 09.97- 08.00	115619	14	120				
Astra G 1.7 TD	[X17DTL]	02.98-	112720	14	100				
Astra G 1.8 16V	[X18XE1]	03.00-	111990	14	70	02.98-	113674	12	2.0
		03.00-	112416	14	100	03.00-	111123	12	0.9
		Chas. -12257452, - 09.97- 08.00	115619	14	120				
Astra G 2.0 Diesel	[X20DTL]	02.98-	111514	14	100	02.98-	110839	12	1.7
		02.98-	113879	14	100				
		02.98-	111514	14	100	02.98-	111123	12	0.9
	[Y20DTL]	02.98-	113879	14	100				
		02.98- 05.05	116334	14	120				
		09.97- 08.05	115619	14	120	02.98-	111123	12	0.9
Astra G 2.0 16V	[X20XEV]	02.98-	111990	14	70	02.98-	113674	12	2.0
		02.98-	112416	14	100				
Astra J GTC 2.0 BiTurbo CDTi BiTurbo	[A20DTR]	12.12-	114202	14	100	12.12-	114058	12	1.7
		12.12-	114847	14	140	12.12-	113931	12	1.7
		12.12-	115526	14	100				
		12.12-	115583	14	120 A49				
		12.12-	116183	14	120				
Astra K 1.6 CDTi	[B16DTR]					11.15-	116285	12	2.0
Astra K 1.6 Turbo						11.15-	116618	12	
Astra Mk 4 1.6 Dualfuel Dualfuel	[X16XEL]	09.99- 08.04	111990	14	70				
		09.99- 08.04	115619	14	120				
	[Z16XE]	09.99- 08.04	111990	14	70	09.99- 08.04	113276	12	1.1
		09.99- 08.04	112416	14	100				
		09.99- 08.04	115619	14	120				
Astra Mk II 1.4 43	[14NV]	09.91- 09.93	111426	14	100				
		09.91- 09.93	111732	14	120				
		09.91- 09.93	113376	14	55				
Astra MK II 1.6 i	[16SV]	01.87- 12.91	113376	14	55				
Astra MK II 2.0 i	[C20NE]	01.91- 08.92	111169	14	70	01.91- 08.92	110847	12	1.4
		09.92- 08.93	111426	14	100				
		09.92- 08.93	112229	14	70				
Astra MK III 1.4 i 16V	[X14XE]	02.96- 01.98	112229	14	70				
Astra MK III 1.6 i 16V	[X16XEL]	01.94- 02.98	112229	14	70				
Astra MK III 1.6 Si	[C16SE]	PS	09.92- 12.94	112229	14	70			



VAUXHALL Continued

Astra MK III 1.7 Diesel	[17DR]	03.91- 12.94 03.91- 12.94	111515 112056	14 14	70 70	03.91- 12.94	111848	12	1.0		
Astra MK III 1.7 TD	[17DT (TC4EE1)]	09.88- 11.95 12.91- 09.98	111186 111515	14 14	70 70	09.88- 11.95 12.91- 09.98	110839 113674	12 12	1.7 2.0		
		[X17DTL]	01.94- 02.98 01.94- 02.98	111515 112056	14 14	70 70	01.94- 02.98	111848	12	1.0	
	Astra MK III 1.8 16V	[18SE]	09.95- 02.98 09.95- 02.98 09.95- 02.98	111426 111732 112229	14 14 14	100 120 70	09.95- 02.98	111123	12	0.9	
Astra MK III 1.8 i 16V	[C18XEL]	09.94- 12.96 09.94- 12.96	111426 112229	14 14	100 70	09.94- 12.96	110839	12	1.7		
Astra Mk III 1.8 i F08	[C18NZ]	09.91- 02.98 09.91- 02.98 09.91- 02.98 09.91- 02.98	111169 111426 111732 112229	14 14 14 14	70 100 120 70	09.91- 02.98 09.91- 02.98	110839 111127	12 12	1.7 1.4		
Astra MK III 2.0 DTi 16V	[X20DTH]	08.99-	111514	14	100	08.99-	111848	12	1.0		
Astra MK III 2.0 16V	[X20XEV]	01.94- 02.98 01.94- 02.98 01.94- 02.98	111426 111732 112229	14 14 14	100 120 70	01.94- 02.98	111123	12	0.9		
Astra MK III 2.0 i 16V	[X20XEV]	01.94- 02.98 01.94- 02.98	111426 112229	14 14	100 70	01.94- 02.98 01.94- 02.98	110839 111123	12 12	1.7 0.9		
Astra MK IV 1.4 Dualfuel	[X14XE]	09.99- 06.03 09.99- 06.03 09.99- 06.03	111990 112416 115619	14 14 14	70 100 120	09.99- 06.03 09.99- 06.03	112320 114341	12 12	1.4 1.2		
	[Z14XE]	09.99- 06.03 09.99- 06.03 09.99- 06.03	111990 112416 115619	14 14 14	70 100 120	09.99- 06.03 09.99- 06.03	111123 113276	12 12	0.9 1.1		
		Astra MK IV 1.6 Dualfuel	[Z16SE]	07.20- 07.20- 07.20-	111990 112416 115619	14 14 14	70 100 120	07.20- 07.20-	111684 113276	12 12	1.4 1.1
		Astra MK IV 1.6 Dualfuel	[X16SZR]	02.98- 12.00 02.98- 12.00 02.98- 12.00	111990 112416 115619	14 14 14	70 100 120	02.98- 12.00 02.98- 12.00	112320 114341	12 12	1.4 1.2
Astra MK IV 1.6	[Z16SE]	09.20- 09.20- 09.20-	111990 112416 115619	14 14 14	70 100 120	09.20- 09.20-	111848 113276	12 12	1.0 1.1		
		[Z16XEP]	12.02- 05.05	115306	14	120					
		Astra MK IV 1.6 16V	[Z16XE]	111990 115619 112416	14 14 14	70 120 100		112083 114341	12 12	2.8 1.2	
		Chas. -12257452, -									
Astra MK IV 1.6 Dualfuel	[Z16XE]		111990	14	70	09.02-	111123	12	0.9		
Astra MK IV 1.7 CDTi 16V	[Z17DTL]	04.03-	112271	14	100	04.03-	113276	12	1.1		
Astra MK IV 1.7 DTi 16V	[Y17DT]	02.00- 02.00-	112271 112272	14 14	100 70	02.00-	113276	12	1.1		
Astra MK IV 1.8 Dualfuel	[Z18XE]	07.02- 08.04 07.02- 08.04	111990 112416	14 14	70 100	07.02- 08.04 07.02- 12.03 07.02- 08.04	112431 112320 113674	12 12 12	1.1 1.4 2.0		
		07.02- 08.04	115619	14	120	07.02- 12.03	114341	12	1.2		
Astra MK IV 1.8 16V	[Z18XE]	09.00- 09.00-	111990 112416	14 14	70 100	09.00- 09.00-	111123 113276	12 12	0.9 1.1		
		Chas. -12257452, -		Chas. -12257452, -15257663, -18131574							
Astra MK IV 1.8 Dualfuel 16V	[Z18XE]	09.00- 08.05 09.02- 08.05 09.02- 08.05	115619 111990 115619	14 14 14	120 70 120	09.02- 08.05	112431	12	1.1		
Astra MK IV 2.0 DTi 16V	[X20DTH]	08.99- 08.99-	111514 113879	14 14	100 100	08.99-	111123	12	0.9		
	[Y20DTH]	09.00- 05.05 08.89- 08.99-	116334 111514 113879	14 14 14	120 100 100	08.89-	111123	12	0.9		
		Astra MK IV 2.0 Turbo 16V	[Z20LET]	03.00-	112416	14	100	03.00-	113674	12	2.0
		Astra Mk IV 2.2	[Z22SE]	03.00-	113352	14	120				
Astra MK IV 2.2 16V	[Z22SE]	03.01-	113352	14	120						
Astra Mk V 1.2	[HNP (EB2ADT)]	10.21-	116541	14	120						
	[HNS (EB2ADTS)]	10.21-	116541	14	120						
Astra Mk V 1.2 (FPHNPJ)	[HNP (EB2ADT)]	10.21-	116541	14	120						
Astra Mk V 1.2 (FPHNSL FPHNSR)	[HNS (EB2ADTS)]	10.21-	116541	14	120						
Astra MK V 1.3 CDTi	[Z13DTH]	08.05- 08.05- 08.05- 08.05- 08.05-	113720 113722 114451 115308 115963 116064	14 14 14 14 14 14	75 90 105 120 90 75	A49 A49	08.05- 08.05-	112320 114298	12 12	1.4 1.1	
Astra MK V 1.3 CDTi Sport	[Z13DTH]	04.05- 04.05- 04.05- 11.10 04.05- 11.10	113722 114451 115308 115963	14 14 14 14	90 105 120 90	A49	04.05- 04.05-	112320 114298	12 12	1.4 1.1	
Astra MK V 1.4	[Z14XEP]	03.04- 08.04-	111824 113265	14 14	70 120	03.04- 08.04-	111123 112320	12 12	0.9 1.4		
Astra MK V 1.4 16V	[Z14XEP]	03.05-	114451	14	105	03.05-	114298	12	1.1		
Astra MK V 1.4 Turbo	[A14NEL]	08.11- 08.11- 08.11- 08.11- 08.11-	114727 114728 115989 116389 116390	14 14 14 14 14	130 100 130 120 120						
Astra Mk V 1.6	[A16XER]	10.06-	115306	14	120						
	[Z16XER]	10.06-	115306	14	120						
Astra Mk V 1.6 CC	[Z16XER]	10.06-	115306	14	120						
Astra MK V 1.6 16V	[Z16XER]	12.06- 11.10 12.06- 11.10	114668 115306	14 14	100 120						
Astra MK V 1.6 Turbo	[Z16LET]	09.06-	115843	14	120						
Astra MK V 1.7 CDTi 16V Sport Hatch	[A17DTR]	02.07- 11.10	115396	14	140						
Astra MK V 1.7 CDTi	[A17DTF]	06.11- 06.11-	114726 115396	14 14	100 140	06.11-	115719	12	1.1		
	[A17DTJ]	02.07-	114665	14	100						
	[A17DTS]	06.11- 06.11-	114726 115396	14 14	100 140	A25 06.11-	115830	12	2.0		



	[Z17DTH]	03.04- 03.07	113956	14 100	03.04- 03.07	111848	12 1.0	
		03.04- 03.07	114121	14 110	03.04- 03.07	113843	12 1.1	
					02.05- 03.07	113931	12 1.7	
	[Z17DTJ]	02.07- 02.07-	114512	14 140	02.07-	115869	12 1.3	A49
			114665	14 100				
	[Z17DTL]	03.04- 03.07	113956	14 100	03.04- 03.07	111848	12 1.0	
		03.04- 03.07	114121	14 110	03.04- 03.07	113843	12 1.1	
					03.04- 03.07	113931	12 1.7	
Astra MK V 1.7 CDTi Sports Tourer	[A17DTF]	06.11- 06.11-	114726	14 100	06.11-	115646	12 1.1	
			115396	14 140				
	[A17DTS]	06.11- 06.11-	114726	14 100	06.11-	115830	12 2.0	
			115396	14 140				
Astra MK V 1.8	[Z18XE]	03.04- 08.04-	111990	14 70	03.04-	112320	12 1.4	
		02.05- 11.10	115619	14 120				
			112416	14 100				
Astra Mk V 1.8 CC	[A18XER]	04.06-	115306	14 120				
			115306	14 120				
Astra MK V 1.9 CDTi 16V	[Z19DTJ]	04.04-	113904	14 130	04.04-	113276	12 1.1	
		04.04-	113955	14 105	04.04-	112320	12 1.4	
		04.04-	114088	14 140	04.04-	114058	12 1.7	
		04.04-	114204	14 120	04.04-	114298	12 1.1	
		04.04-	115487	14 140 A49	08.04-	114029	12 1.8	
Astra MK V 1.9 CDTi	[Z19DT]	02.05-	113904	14 130	02.05-	113276	12 1.1	
		02.05-	113955	14 105	02.05-	112320	12 1.4	
		02.05-	114088	14 140	02.05-	114058	12 1.7	
		02.05-	114204	14 120	02.05-	114298	12 1.1	
		02.05- 11.10	115487	14 140 A49				
	[Z19DTH]	06.04-	113904	14 130	06.04-	113276	12 1.1	
		06.04-	113955	14 105	06.04-	112320	12 1.4	
		06.04-	114088	14 140	06.04-	114058	12 1.7	
		06.04-	114204	14 120	06.04-	114298	12 1.1	
		06.04-	115487	14 140 A49	08.04-	113719	12 1.3	
	[Z19DTJ]	08.04- 03.09	113904	14 130	08.04- 03.09	113719	12 1.3	
		08.04- 03.09	113955	14 105	08.04- 03.09	111848	12 1.0	
	[A20DTH]	08.04- 03.09	114510	14 120	08.04- 03.09	114298	12 1.1	
Astra MK V 2.0 CDTi	[A20DTH]	08.11-	114202	14 100	08.11-	113931	12 1.7	
		08.11-	114847	14 140				
		08.11-	115526	14 100				
		08.11-	115583	14 120 A49				
		08.11-	116183	14 120				
Astra MK V 2.0 CDTi Sports Tourer	[A20DTH]	08.11-	114202	14 100	08.11-	114298	12 1.1	
		08.11-	114847	14 140				
		08.11-	115526	14 100				
		08.11-	115583	14 120 A49				
		08.11-	116183	14 120				
Astra MK V 2.0 VXRacing Edition	[Z20LEH]	02.09- 11.10	115846	14 120				
Astra MK V 2.0 Turbo	[Z20LEH]	03.05-	115846	14 120				
		03.04-	115846	14 120				
	[Z20LER]	03.04-	115846	14 120				
Astra MK VI 1.4	[A14NEL]	10.11-	115989	14 130				
		10.11-	116389	14 120				
		10.11-	116390	14 120				
	[A14NET]	10.11-	115989	14 130				
		10.11-	116389	14 120				
Astra MK VI 1.4 16V VVT	[A14NET]	10.11-	116390	14 120				
		12.09-	114728	14 100	12.09-	115830	12 2.0	
		12.09-	115989	14 130				
		12.09-	116389	14 120				
	[A14XEL]	12.09-	116390	14 120				
		12.09-	114728	14 100	12.09-	115830	12 2.0	
		12.09-	115989	14 130				
		12.09-	116389	14 120				
	[A14XER]	12.09-	116390	14 120				
		12.09-	114728	14 100	12.09-	115830	12 2.0	
		12.09-	115989	14 130				
		12.09-	116389	14 120				
Astra MK VI 1.4 16V	[A14NET]	10.10-	114728	14 100	10.10-	115719	12 1.1	
		10.10-	115989	14 130				
		10.10-	116389	14 120				
		10.10-	116390	14 120				
	[A14XER]	10.10-	114727	14 130	A25 10.10-	116257	12 1.7	
		10.10-	114728	14 100	10.10-	115830	12 2.0	
		10.10-	115989	14 130				
		10.10-	116389	14 120				
Astra MK VI 1.6	[A16LET]	10.10-	116390	14 120				
		10.11-	114779	14 100	10.11-	113931	12 1.7	
		12.09-	114779	14 100	12.09-	114058	12 1.7	
Astra MK VI 1.6 16V Turbo	[A16LET]	12.09-	114779	14 100	12.09-	114029	12 1.8	
		12.09-	115410	14 100				
		12.09-	116392	14 120				
Astra MK VI 1.6 16V VVT	[A16XER]	10.10-	114779	14 100	10.10-	114029	12 1.8	
		10.10-	116392	14 120				
Astra MK VI 1.7 CDTi 16V	[A17DTC]	10.10-	114726	14 100	10.10-	115395	12 1.1	
		10.10-	114726	14 100	10.10-	114298	12 1.1	
		10.10-	114726	14 100	10.10-	113931	12 1.7	
		10.10-	115396	14 140	10.10-	115646	12 1.1	
		10.10-	114726	14 100	10.10-	113931	12 1.7	
Astra MK VI 1.7 CDTi	[A17DTR]	10.10-	115396	14 140	10.10-	115646	12 1.1	
		12.09-	114726	14 100	A25 12.09-	116257	12 1.7	
		12.09-	114726	14 100	12.09-	116618	12	
		12.09-	114726	14 100	12.09-	113931	12 1.7	
		12.09-	115396	14 140	12.09-	115646	12 1.1	
	[A17DTS]	12.09-	114726	14 100	12.09-	113931	12 1.7	
		12.09-	115396	14 140	12.09-	115646	12 1.1	
		06.12-	115396	14 140				
		10.11-	114726	14 100	10.11-	114298	12 1.1	
		10.11-	114726	14 100	10.11-	115395	12 1.1	
Astra MK VI 1.7 CDTi GTC	[A17DTE]	10.11-	115396	14 140	10.11-	115646	12 1.1	



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	[A17DTF]	10.11-	114726	14	100	10.11-	115395	12	1.1
		10.11-	115396	14	140	10.11-	115646	12	1.1
	[A17DTJ]	10.11-	114726	14	100	10.11-	114298	12	1.1
	[A17DTS]	10.11-	114726	14	100	10.11-	114298	12	1.1
		10.11-	115396	14	140				
Astra MK VI 2.0 BiTurbo CDTi	[A20DTR]	12.12-	114202	14	100	12.12-	112320	12	1.4
		12.12-	114847	14	140	12.12-	114058	12	1.7
		12.12-	115526	14	100	12.12-	115646	12	1.1
		12.12-	115583	14	120 A49	12.12-	115719	12	1.1
		12.12-	116183	14	120				
Astra MK VI 2.0 CDTi 16V	[A20DTH]	10.10-	114202	14	100	10.10-	112320	12	1.4
		10.10-	114847	14	140	10.10-	115719	12	1.1
		10.10-	115526	14	100				
		10.10-	115583	14	120 A49				
		10.10-	116183	14	120				
Astra MK VI 2.0 CDTi	[A20DTH]	12.09-	114202	14	100	12.09-	112320	12	1.4
		12.09-	114847	14	140	12.09-	115719	12	1.1
		12.09-	115526	14	100				
		12.09-	115583	14	120 A49				
		12.09-	116183	14	120				
Astra Mk VII 1.6 BiTurbo	[D16DTR]					08.18-	116285	12	2.0
Astramax 1.6	[C16NZ]					08.91- 10.94	111123	12	0.9
Astravan 1.3 CDTi	[Z13DTH]	08.05-	113722	14	90 A49				
		08.05-	114451	14	105				
		08.05-	115308	14	120				
		08.05-	115963	14	90				
Astravan 1.9 CDTi	[Z19DTH]	03.05-	113904	14	130				
		03.05-	113955	14	105				
		03.05-	114088	14	140				
		03.05- 11.11	115487	14	140 A49				
	[Z19DTJ]	03.05-	113904	14	130				
		03.05-	113955	14	105				
		03.05-	114088	14	140				
		03.05- 11.11	115487	14	140 A49				
Astravan III 1.4 i	[C14NZ]	01.91- 10.94	113376	14	55				
		PS 01.91- 10.94	112229	14	70				
Astravan III 1.6 i	[C16NZ]	PS 09.95- 08.98	112229	14	70				
	[X16SZ]	PS 02.94- 10.96	112229	14	70				
Astravan III 1.7 Diesel	[17DR]	01.91- 08.94	111515	14	70	01.91- 08.94	110839	12	1.7
		01.91- 08.94	112056	14	70	01.91- 08.94	111127	12	1.4
Astravan III 1.7 TD	[X17DTL]	01.94- 08.98	111515	14	70	01.94- 08.98	110839	12	1.7
		01.94- 08.98	112056	14	70	01.94- 08.98	111127	12	1.4
Astravan Mk III 1.7 Diesel F70	[17D]	09.91- 08.93	112056	14	70				
Astravan Mk III 1.7 TD F70	[17DT (TC4EE1)]	09.95- 08.96	111186	14	70	09.95- 08.96	110839	12	1.7
Astravan MK IV 1.6 Dualfuel Dualfuel	[Z16XE]	07.20-	111990	14	70	07.20-	113276	12	1.1
		07.20-	112416	14	100				
		07.20-	115619	14	120				
Astravan MK IV 1.6 Dualfuel	[X16SZR]	02.98- 12.00	111990	14	70	02.98- 12.00	111123	12	0.9
		02.98- 12.00	112416	14	100				
		02.98- 12.00	115619	14	120				
	[Z16SE]	09.00- 10.04	111990	14	70	09.00- 10.04	112320	12	1.4
		09.00- 10.04	112416	14	100				
		09.00- 10.04	115619	14	120				
	[Z16XEP]	10.04- 12.05	115306	14	120				
Astravan MK IV 1.6 i	[X16SZR]	08.98-	111990	14	70	08.98-	111123	12	0.9
		08.98-	112416	14	100	08.98-	113674	12	2.0
	.7452, -15257663, -18131574	08.98- 09.00	115619	14	120				
	[Z16SE]	09.20-	111990	14	70	09.20-	113276	12	1.1
		09.20-	115619	14	120				
	.7452, -15257663, -18131574	09.20-	112416	14	100				
Astravan MK IV 1.7 CDTi	[Z17DTL]	04.04-	112271	14	100	04.04-	113674	12	2.0
		04.04-	113956	14	100				
		AC 04.04-	114121	14	110				
Astravan MK IV 2.0 Diesel Di	[X20DTL]	08.98-	111514	14	100	08.98-	111123	12	0.9
Astravan MK IV 2.0 DTi	[Y20DTH]	04.04-	111514	14	100	04.04-	111123	12	0.9
Astravan Mk V 1.6	[Z16XEP]		115306	14	120				
Astravan Mk V 1.7 CDTi 16V	[Z17DTH]	03.05-	113956	14	100	03.05-	112320	12	1.4
		03.05-	114121	14	110				
Astravan Mk V 1.7 CDTi	[A17DTJ]	11.11-	114512	14	140	11.11-	112320	12	1.4
		11.11-	114665	14	100				
	[A17DTR]	11.11-	114512	14	140				
		11.11-	114665	14	100				
	[Z17DTJ]	11.11-	114512	14	140				
		11.11-	114665	14	100				
	[Z17DTL]	03.05- 07.06	113956	14	100	03.05- 07.06	112320	12	1.4
		AC 03.05- 07.06	114121	14	110				
	[Z17DTR]	11.11-	114512	14	140				
		11.11-	114665	14	100				
Belmont 1.3	[13S]	09.85- 12.88	113376	14	55	09.85- 12.88	111127	12	1.4
Belmont 1.4 i	[C14NZ]	01.90- 12.91	113376	14	55				
Belmont 1.6	[16SH]	09.85- 08.91	111168	14	55	09.85- 08.91	110839	12	1.7
		09.85- 08.91	113376	14	55				
Belmont 1.8 i	[18E]	09.85- 08.86	111168	14	55	09.85- 08.86	110839	12	1.7
	[18SE]	09.86- 08.91	111168	14	55	09.86- 08.91	111123	12	0.9
Brava 2.5 Diesel	[4JA1]	08.91- 06.94	111267	14	50	08.91- 06.94	112083	12	2.8
Brava 2.5 Diesel 4x4	[4JA1T]	06.90- 12.96	111267	14	50	06.90- 12.96	112083	12	2.8
		06.90- 12.96	111767	14	80				
Brava 2.5 DTi	[4JA1]	08.01-	111267	14	50	08.01-	116525	12	2.3
Brava 2.5 DTi 4x4	[4JA1]	08.01-	111267	14	50	08.01-	116525	12	2.3
Brava 2.5 TD	[4JA1T]	07.94- 03.98	111267	14	50	07.94- 03.98	112083	12	2.8
		03.97- 08.02	111767	14	80				
Brava 2.5 TD 4x4	[4JA1T]	12.96- 03.98	111267	14	50	12.96- 03.98	112083	12	2.8
		03.97- 08.02	111767	14	80				
Calibra A 2.0 i Turbo 4x4	[C20LET]	03.92- 07.97	111514	14	100	03.92- 07.97	110847	12	1.4
Calibra A 2.0 i	[C20NE]	03.90- 03.97	111169	14	70	03.90- 03.97	110847	12	1.4
Calibra A 2.0 i 4x4	[C20NE]	06.90- 03.97	111169	14	70	06.90- 03.97	110847	12	1.4
Calibra A 2.5 i V6	[C25XE]	02.93- 11.95	111514	14	100				
	[X25XE]	04.93- 07.97	111514	14	100				



Carlton 1.8	[E18NVR]	09.87- 03.94	111168	14	55	09.87- 03.94	110844	12	2.2	
		09.87- 03.94	111169	14	70	09.87- 03.94	110847	12	1.4	
		09.87- 03.94	112056	14	70					
Carlton 1.8 S	[18S] [18SV]	12.82- 08.86	111168	14	55	12.82- 08.86	110844	12	2.2	
		09.86- 10.94	111168	14	55	09.86- 10.94	110844	12	2.2	
		09.86- 10.94	111169	14	70					
Carlton 2.0	[C20NE]	09.86- 10.94	111168	14	55	09.86- 10.94	110844	12	2.2	
		09.86- 10.94	111169	14	70	09.86- 10.94	110847	12	1.4	
	[C20NEF]	06.89- 03.94	111168	14	55	06.89- 03.94	110844	12	2.2	
		06.89- 03.94	111169	14	70					
Carlton 2.0 i	[20E] [20SE]	01.83- 12.84	111168	14	55	01.83- 12.84	110844	12	2.2	
		09.86- 03.94	111169	14	70	09.86- 03.94	110847	12	1.4	
Carlton 2.2 i	[22E]	11.84- 08.86	113376	14	55					
Carlton 2.3 Diesel	[23D]	01.82- 08.86	113376	14	55					
	[23YD]	09.86- 03.94	113376	14	55					
Carlton MK 1.8 S	[18S]	11.82- 08.86	111168	14	55					
Cascada 1.4	[A14NET]	02.13-	115989	14	130	02.13-	113931	12	1.7	
		02.13-	116390	14	120	02.13-	115395	12	1.1	
						02.13-	115646	12	1.1	
Cascada 1.6	[A16SHT] [A16XHT]					11.13-	116618	12		
						02.13-	116618	12		
Cavalier 1.3 S	[13S]	09.81- 08.88	113376	14	55					
Cavalier 1.4 S	[14NV]	09.88- 11.95	113376	14	55					
Cavalier 1.6	[16SH]	10.83- 08.88	111168	14	55	10.83- 08.88	110839	12	1.7	
	[16SV]	09.88- 05.93	113376	14	55					
Cavalier 1.6 i	[C16LZ]	08.86- 08.88	111168	14	55	08.86- 08.88	110839	12	1.7	
	[C16NZ]	08.86- 08.88	111168	14	55	08.86- 08.88	110839	12	1.7	
	[E16NZ]	09.88- 11.95	112229	14	70					
		09.88- 11.95	113376	14	55					
	[X16SZ]	09.93- 11.95	113376	14	55					
		PS 09.94- 11.95	112229	14	70					
Cavalier 1.6 S	[16SH]	09.81- 08.88	111168	14	55	09.81- 08.88	110839	12	1.7	
Cavalier 1.7 Diesel	[17D]	09.88- 09.92	112056	14	70	11.88- 08.95	110839	12	1.7	
		11.88- 08.95	111168	14	55					
	[17DR]	07.92- 11.95	112056	14	70					
Cavalier 1.7 TD	[17DT (TC4EE1)]	09.88- 11.95	111186	14	70	09.88- 11.95	110847	12	1.4	
						09.88- 11.95	111123	12	0.9	
Cavalier 1.8	[18SV]	09.88- 08.95	111169	14	70	09.88- 08.95	110847	12	1.4	
	[C18NZ]	09.88- 08.95	111169	14	70	09.88- 08.95	110847	12	1.4	
	[E18NVR]	09.89- 08.92	111169	14	70	09.89- 08.92	110847	12	1.4	
		09.89- 08.92	112056	14	70					
Cavalier 1.8 i	[18E]	09.81- 08.86	111168	14	55	09.81- 08.86	110839	12	1.7	
	[18SE]	09.81- 08.88	111168	14	55	09.81- 08.88	110847	12	1.4	
						09.81- 08.88	110847	12	1.4	
	[C18NZ]	03.90- 11.95	111169	14	70	03.90- 11.95	110847	12	1.4	
		03.90- 11.95	111514	14	100	03.90- 11.95	111127	12	1.4	
Cavalier 2.0	[20S]	11.88- 08.95	111169	14	70	11.88- 08.95	110847	12	1.4	
Cavalier 2.0 i 16V	[C20XE]	09.88- 11.95	112056	14	70					
	[X20XEV]	PS 09.93- 11.95	112229	14	70	09.93- 11.95	111123	12	0.9	
		09.93- 11.95	111426	14	100	09.93- 11.95	111684	12	1.4	
Cavalier 2.0 i	[20NE]	09.93- 11.95	111732	14	120	09.93- 11.95	111848	12	1.0	
		09.86- 08.88	112056	14	70	09.88- 08.95	110847	12	1.4	
		09.88- 08.95	111169	14	70					
		09.88- 10.90	111514	14	100	09.88- 10.90	111848	12	1.0	
		03.87- 08.88	112056	14	70	09.88- 09.92	110847	12	1.4	
		09.88- 09.92	111169	14	70					
	[C20NE]	09.86- 08.88	112056	14	70	09.88- 11.95	110847	12	1.4	
		09.88- 11.95	111169	14	70	Eng. 082382-, 085881	09.90- 11.95	111127	12	1.4
		09.90- 11.95	111514	14	100					
Cavalier 2.0 i 2000	[20SE]	09.86- 08.88	112056	14	70					
Cavalier 2.0 i 4x4	[20NE]	PS 09.88- 08.95	112229	14	70	09.88- 08.95	111123	12	0.9	
		Chas. -MV206209, -M1175514, -M5247753	111169	14	70	09.88- 08.95	111684	12	1.4	
		09.88- 08.95	111426	14	100	08.88- 08.95	110847	12	1.4	
		09.88- 08.95	111732	14	120					
	[20SEH]	09.88- 09.92	111169	14	70	09.88- 09.92	110847	12	1.4	
Cavalier 2.5 V6	[C25XE]	02.93- 11.95	111514	14	100	Eng. 082382-, 085881	02.93- 11.95	111127	12	1.4
Cavalier MK 2.0 i Turbo 4x4	[C20LET]	09.92- 08.95	111426	14	100	09.92- 08.95	110847	12	1.4	
		09.92- 08.95	111732	14	120					
		PS 09.92- 08.95	112229	14	70					
Chevette 1.3	[13N]	01.75- 01.80	110178	14	36	01.75- 01.80	111102	12	0.8	
		03.75- 12.85	110077	14	50					
		03.75- 12.85	111185	14	43	A47				
	[13S]	03.75- 12.85	110077	14	50	03.75- 01.80	111102	12	0.8	
		03.75- 01.80	110178	14	36					
		03.75- 12.85	111185	14	43	A47				
Combo 1.2	[D12XHL (EB2ADT)]	02.19-	116541	14	120					
Combo 1.3 CDTi 16V	[Z13DT]	09.04-	113720	14	75	A49	09.04-	113843	12	1.1
		09.04-	113722	14	90	A49				
		09.04-	115963	14	90					
		09.04-	116064	14	75					
	[Z13DTJ]	10.05-	113722	14	90	A49	10.05-	113843	12	1.1
		10.05-	114451	14	105					
Combo 1.3 CDTi	[A13FD]	11.11-	115346	14	120					
Combo 1.4	[C14NZ]	07.94- 03.96	113376	14	55	07.94- 03.96	114029	12	1.8	
		ACPS 07.94- 03.96	111426	14	100	07.94- 03.96	111123	12	0.9	
		ACPS 07.94- 03.96	112229	14	70	07.94- 03.96	112320	12	1.4	
	[Z14XEP]	01.04-	113265	14	120	01.04-	113276	12	1.1	
Combo 1.6 16V CNG	[Z16YNG]		112416	14	100	Eng.. 877696-	111534	12	1.4	
			115619	14	120					
Combo 1.6 CDTi	[A16FDH]	11.11-	116649	14	150					
		11.11-	115429	14	120					
	[A16FDL]	11.11-	116649	14	150					
Combo 1.6	[Z16SE]		111990	14	70	Eng.. -00877695	111136	12	1.4	
			112416	14	100		113276	12	1.1	
Combo 1.7 CDTi 16V	[Z17DTH]	12.04-	113941	14	100					
		AC 12.04-	114121	14	110					



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Combo 1.7 Diesel	[17D (4EE1)]	07.94-	111186	14	70		07.94-	111123	12	0.9
		04.96-	111515	14	70					
	[X17D (4EE1)]	04.96-	111186	14	70		04.96-	111123	12	0.9
		04.96-	111515	14	70	Eng.. -00877695	04.96-	111136	12	1.4
Combo 1.7 DTi	[Y17DT]	10.01-	112272	14	70		10.01-	111684	12	1.4
		AC 10.01-	112271	14	100		10.01-	112320	12	1.4
Combo 2.0 CDTi	[A20FD]	11.11-	116649	14	150					
Combo Mk IV 1.2 X19	[F12XHT (EB2ADTS)]	07.19-	116541	14	120					
Combo Mk II 1.4 16V	[Z14XE]	10.01- 05.07	111824	14	70		10.01- 05.07	113276	12	1.1
		10.01- 05.07	113265	14	120		10.01- 05.07	114298	12	1.1
		10.01- 05.07	114451	14	105					
		10.01- 05.07	115304	14	120					
Combo Mk II 1.6 CDTi	[A16FDH]	11.11-	115429	14	120					
		11.11-	116649	14	150					
Combo Mk IV MPV 1.2 X19	[D12XHL (EB2ADT)]	06.18-	116541	14	120		06.18-	116282	12	1.7
Combo Mk IV MPV 1.5 X19	[D15DT (DV5RD)]	06.18-	116541	14	120		06.18-	116282	12	1.7
	[D15DTH (DV5RC)]	06.18-	116541	14	120					
Combo Tour Mk II 1.3 CDTi 16V	[Z13DT,Y13DT]	09.04- 09.06	113720	14	75 A49		09.04- 09.06	114029	12	1.8
		09.04- 09.06	114451	14	105					
		09.04- 09.06	115308	14	120					
		09.04- 09.06	116064	14	75					
	[Z13DTJ]	10.05- 09.10	113720	14	75 A49		10.05- 09.10	113276	12	1.1
		10.05- 09.10	114451	14	105		07.06- 02.12	114029	12	1.8
		07.06- 02.12	113722	14	90 A49					
		07.06- 02.12	115308	14	120					
		07.06- 02.12	115963	14	90					
		07.06- 02.12	116064	14	75					
Combo Tour Mk II 1.4	[Z14XEP]	10.04- 09.10	111824	14	70		10.04- 09.10	111123	12	0.9
Combo Tour Mk II 1.6 CNG	[Z16YNG]		112416	14	100			113276	12	1.1
			115619	14	120					
Combo Tour Mk II 1.6 CNG	[Z16YNG]		112416	14	100			112320	12	1.4
			115619	14	120					
Combo Tour Mk II 1.6	[Z16SE]		111990	14	70			111123	12	0.9
			112416	14	100			112320	12	1.4
Combo Tour Mk II 1.7 CDTi 16V	[Z17DTH]	12.04- 09.10	113941	14	100		12.04- 09.10	113843	12	1.1
		12.04- 09.10	114121	14	110					
Combo Tour Mk II 1.7 DI 16V	[Y17DTL]	09.01- 06.04	112272	14	70		09.01- 06.04	112320	12	1.4
Corsa 1.2	[F12XEL (EB2FAD)]	07.19-	116541	14	120					
Corsa 1.5 Diesel	[D15DT (DV5RD)]	07.19-	116152	14	150		07.19-	116092	12	1.0
		07.19-	116541	14	120					
Corsa Mk III 1.0	[Z10XEP]	07.06-	114249	14	70					
Corsa Mk III 1.2	[Z12XEP]	07.06-	114249	14	70					
Corsa Mk III 1.4	[Z14XEP]	07.06-	114249	14	70					
Corsa B 1.0 i 12V	[X10XE]	11.96-	111824	14	70		11.96-	111684	12	1.4
Corsa B 1.2 i 16V	[X12XE]	03.98- 09.00	111824	14	70		03.98- 09.00	111684	12	1.4
Corsa B 1.2 i	[C12NZ]	03.93- 09.00	113376	14	55		03.93- 09.00	113276	12	1.1
		ACPS 03.93-	112229	14	70		03.93-	111684	12	1.4
	[X12SZ]	03.93- 09.00	113376	14	55		03.93- 09.00	111534	12	1.4
		ACPS 03.93-	112229	14	70		03.93-	111684	12	1.4
	[X14XE]	09.94-	111426	14	100		09.94-	111123	12	0.9
		09.94-	112229	14	70		09.94-	111534	12	1.4
Corsa B 1.4 i	[C14NZ]	03.93-	112229	14	70		03.93-	111684	12	1.4
		09.93- 09.00	113376	14	55		09.93- 09.00	113276	12	1.1
	[C14SE]	AC 03.93-	111426	14	100		03.93-	111123	12	0.9
		03.93- 09.00	113376	14	55		04.94- 08.00	111123	12	0.9
	[X14SZ]	03.93- 09.00	113376	14	55					
		03.93- 09.00	113376	14	55					
Corsa B 1.5 Diesel	[15D]	03.93-	111186	14	70		03.93-	111123	12	0.9
		03.93- 09.00	111515	14	70	Eng.. -00877695	03.93- 09.00	111136	12	1.4
Corsa B 1.5 TD	[15DT (T4EC1)]	03.93-	111186	14	70		03.93-	111123	12	0.9
		09.96-	111515	14	70		09.96-	111136	12	1.4
	[X15DT (T4EC1)]	04.96-	111186	14	70		04.96-	111123	12	0.9
		04.96-	111515	14	70		04.96-	111136	12	1.4
Corsa B 1.6 GSi 16V	[C16XE]	03.93-	111426	14	100		03.93-	111123	12	0.9
		03.93-	112229	14	70	Eng.. 877696-	03.93-	111534	12	1.4
Corsa B 1.6 i 16V	[X16XE]	09.94-	111426	14	100		09.94-	111123	12	0.9
		09.94-	112229	14	70	Eng.. 877696-	09.94-	111534	12	1.4
Corsa B 1.7 Diesel	[17D]	03.93-	111186	14	70		03.93-	111123	12	0.9
		02.96-	111515	14	70	Eng.. -00877695	02.96-	111136	12	1.4
	[X17D]	04.96-	111186	14	70		04.96-	111123	12	0.9
		04.96-	111515	14	70	Eng.. -00877695	04.96-	111136	12	1.4
CORSA Mk III 1.0 12V	[A10XEP]	06.10-	114249	14	70		06.10-	113843	12	1.1
	[Z10XE]	09.00- 02.01	111824	14	70	Chas. -19P00893	09.00- 02.01	111123	12	0.9
Corsa Mk III 1.2 BiFuel LPG	[A12XER]	09.00- 02.01	113265	14	120		09.00- 02.01	111684	12	1.4
		08.11-	114249	14	70		08.11-	115395	12	1.1
Corsa Mk III 1.2 BiFuel LPG	[Z12XEP]	08.11-	114492	14	100		08.11-	115646	12	1.1
		09.09-	114249	14	70		09.09-	114298	12	1.1
Corsa Mk III 1.2 Dualfuel 16V	[Z12XE]	09.09-	114492	14	100		09.09-	115646	12	1.1
		08.01- 08.04	113265	14	120	Chas. 19P00894-	08.01- 08.04	113276	12	1.1
Corsa Mk III 1.2	[A12XEL]	08.01- 08.04	111824	14	70		08.01- 08.04	111123	12	0.9
		06.10-	114249	14	70		06.10-	114298	12	1.1
Corsa Mk III 1.2 Twinport	[Z12XEP]	06.10-	114492	14	100					
		07.04-	113265	14	120		07.04-	113276	12	1.1
CORSA Mk III 1.2 16V	[A12XER]	06.10-	114249	14	70		06.10-	113843	12	1.1
		06.10-	114492	14	100		06.10-	115646	12	1.1
	[Z12XE]	09.00- 02.01	113265	14	120		09.00- 02.01	111684	12	1.4
		Chas. -16999999 09.00- 02.01	111824	14	70		09.00- 02.01	111123	12	0.9
Corsa Mk III 1.3 CDTi 16V	[A13DTE]	07.10-	113722	14	90 A49		07.10-	113719	12	1.3
		07.10-	114409	14	100		07.10-	115719	12	1.1
		07.10-	114754	14	120					
		07.10-	114895	14	70					
		07.10-	115963	14	90					
		07.10-	113722	14	90 A49		07.10-	114029	12	1.8
	[A13DTR]	07.10-	114409	14	100		07.10-	115719	12	1.1
		07.10-	114754	14	120					
		07.10-	114895	14	70					
		07.10-	115963	14	90					



[Z13DT]	08.03-	113722	14 90	A49	08.03-	113276	12 1.1
	08.03-	114451	14 105		08.03-	115719	12 1.1
	08.03-	115308	14 120		04.04-	112320	12 1.4
	08.03-	115963	14 90				
	08.03-	116064	14 75				
[Z13DTE]	04.04-	112416	14 100				
	04.04-	113720	14 75	A49			
	07.10-	113722	14 90	A49	07.10-	114029	12 1.8
	07.10-	114409	14 100		07.10-	115719	12 1.1
	07.10-	114754	14 120				
Corsa Mk III 1.3 CDTi	07.10-	114895	14 70				
	07.10-	115963	14 90				
	07.06-	114409	14 100		07.06-	115869	12 1.3
	07.06-	114754	14 120				
	07.06-	114895	14 70				
[Z13DTJ]	07.06-	114409	14 100		07.06-	114298	12 1.1
	07.06-	114754	14 120				
	07.06-	114895	14 70				
Corsa Mk III 1.4 BiFuel LPG	07.06-	114249	14 70		07.06-	115395	12 1.1
	07.06-	114492	14 100		07.06-	115646	12 1.1
Corsa Mk III 1.4	07.12-	114727	14 130				
Corsa MK III 1.4 Twinport	06.03-	111824	14 70		06.03-	111123	12 0.9
	06.03-	113265	14 120		06.03-	113276	12 1.1
Corsa Mk III 1.4 16V	07.10-	114249	14 70		07.10-	115395	12 1.1
	07.10-	114492	14 100		07.10-	115646	12 1.1
	07.10-	116202	14 120				
	07.10-	116203	14 100				
	09.20-	111990	14 70		09.20-	111123	12 0.9
Corsa MK III 1.6	05.07-	115843	14 120				
Corsa Mk III 1.6 L08 VXR	06.11- 03.12	115843	14 120				
Corsa Mk III 1.6 Turbo	02.07-	115843	14 120				
Corsa Mk III 1.7 CDTi 16V	07.10-	114665	14 100				
	04.04-	112272	14 70		04.04-	112320	12 1.4
	04.04-	113941	14 100		04.04-	113843	12 1.1
Corsa Mk III 1.7 CDTi	07.06-	114665	14 100				
Corsa MK III 1.7 DT 16V	09.00-	112272	14 70		09.00-	112320	12 1.4
	09.00-	112271	14 100		09.00-	111123	12 0.9
Corsa MK III 1.7 DTi 16V	09.00-	112271	14 100		09.00-	111123	12 0.9
	09.00-	112272	14 70		09.00-	112320	12 1.4
Corsa MK III 1.8 16V	09.00-	111990	14 70		09.00-	111123	12 0.9
Corsa MK IV 1.4					09.14-	115395	12 1.1
Corsa MK IV 1.6 VXR					06.11-	114298	12 1.1
Corsa Mk V 1.2	11.20-	116152	14 150		11.20-	113960	12 0.9
	11.20-	116541	14 120				
Corsavan 1.4 i	01.94-	111426	14 100	Eng.. 877696-	01.94-	111534	12 1.4
	01.94-	112229	14 70				
	01.94- 09.00	113376	14 55				
Corsavan 1.7 Diesel	03.93-	111515	14 70	Eng.. 877696-	03.93-	111534	12 1.4
	03.93-	111186	14 70	Eng.. -00877695	03.93-	111136	12 1.4
	04.96-	111515	14 70		04.96-	113276	12 1.1
	04.96-	111186	14 70	Eng.. -00877695	04.96-	111136	12 1.4
Corsavan MK II 1.2 Dualfuel	07.04- 12.05	113265	14 120		07.04- 12.05	113276	12 1.1
Corsavan MK II 1.2 16V	07.04- 11.06	113265	14 120		07.04- 11.06	113276	12 1.1
Corsavan Mk III 1.2 16V	07.06-	114249	14 70		07.06-	114029	12 1.8
	07.06-	114492	14 100		07.06-	113843	12 1.1
	09.00-	111824	14 70		09.00-	111123	12 0.9
	09.00-	113265	14 120		09.00-	113719	12 1.3
	08.01-	113265	14 120		08.01-	114029	12 1.8
Corsavan MK III 1.2 Dualfuel 16V	04.04-	112416	14 100		04.04-	113276	12 1.1
Corsavan MK III 1.3 CDTi 16V	04.04-	113722	14 90	A49	04.04-	114029	12 1.8
	04.04- 06.06	115963	14 90				
	07.06-	114409	14 100		07.06-	113843	12 1.1
	07.06-	114754	14 120		07.06-	115719	12 1.1
	07.06-	114895	14 70				
[Z13DTJ]	07.06-	114409	14 100		07.06-	113843	12 1.1
	07.06-	114754	14 120		07.06-	115869	12 1.3
	07.06-	114895	14 70		07.06-	115646	12 1.1
	07.06-	114895	14 70				A49
Corsavan MK III 1.7 Diesel	09.00-	112272	14 70		09.00-	113276	12 1.1
	AC 09.00-	112271	14 100		09.00-	112320	12 1.4
Corsavan MK III 1.7 DTi 16V	09.00-	112272	14 70		09.00-	113276	12 1.1
	AC 09.00-	112271	14 100		09.00-	112320	12 1.4
Corsavan MK IV 1.2	07.09-	114249	14 70		07.09-	111123	12 0.9
Corsavan MK IV 1.3 CDTi	07.06-	114409	14 100		07.06-	114029	12 1.8
	07.06-	114754	14 120				
	07.06-	114895	14 70				
Crossland X 1.2	03.17-	116152	14 150		03.17-	116281	12 1.8
	03.17-	116541	14 120				
Crossland X 1.5 Turbo	08.18-	116541	14 120				
Crossland X 1.5 Turbo 75	06.18-	116541	14 120				
Crossland X / Crossland 1.5 Turbo D Turbo D ((Z5))	10.20-	116541	14 120				
Firenza 1.3 1300	01.71- 10.73	110178	14 36				
Frontera 2.2 Dti					09.00- 10.04	113674	12 2.0
Frontera A 2.0 i 4x4 Sport	01.92-	111169	14 70		01.92-	110844	12 2.2
	03.92- 10.98	111075	14 55		03.92- 10.98	110847	12 1.4
	02.95- 10.98	111426	14 100		02.95- 10.98	111848	12 1.0
	02.95- 10.98	111732	14 120		02.95- 10.98	111559	12 2.0
	03.92- 10.98	111075	14 55		03.92- 10.98	110847	12 1.4
[X20SE]	02.95- 08.98	111426	14 100		02.95- 08.98	111724	12 2.0
	AC 02.95- 08.98	111732	14 120		02.95- 08.98	111559	12 2.0
	03.95-	111426	14 100		03.95-	111724	12 2.0
Frontera A 2.2 i 4x4 Long	03.95-	111732	14 120				
	11.91- 06.98	115752	14 90				
Frontera A 2.5 TD 4x4 Long	09.96- 10.98	115752	14 90				
Frontera A 2.8 TD 4x4 Long	03.95-	111767	14 80				
Frontera A 2.8 TD 4x4 Sport	03.95- 08.96	111767	14 80				
Frontera B 2.2 i	02.95-	111426	14 100		02.95-	111848	12 1.0
	02.95-	111732	14 120		10.98-	113674	12 2.0
	10.98-	111514	14 100				
[Y22SE]	10.98-	111514	14 100		10.98-	113674	12 2.0



VAUXHALL Continued

Grandland X 1.2	[B12XHT (EB2DTS)]	06.17-	116152	14	150	06.17-	116281	12	1.8
Grandland X 1.5 Turbo 75	[D15DTH (DV5RC)]	04.18-	116541	14	120				
Insignia 1.4	[A14NET]	04.11-	114727	14	130	04.11-	113931	12	1.7
		04.11-	116390	14	120				
Insignia 1.4 LPG	[A14NET]	07.12-	114727	14	130	07.12-	113931	12	1.7
		07.12-	116390	14	120				
Insignia 1.4 Sports Tourer	[A14NET]	04.11-	114727	14	130	04.11-	113931	12	1.7
		04.11-	116390	14	120				
Insignia 1.4 Sportstourer	[A14NET]	07.12-	114727	14	130	07.12-	113931	12	1.7
		07.12-	116390	14	120				
Insignia 1.6 Turbo	[A16LET]	01.09-	114779	14	100	01.09-	113931	12	1.7
Insignia 1.8	[A18XER]	07.08-	114779	14	100	07.08-	113931	12	1.7
Insignia 1.8 Estate	[A18XER]	07.08-	114779	14	100	07.08-	113931	12	1.7
Insignia 2.0 BiTurbo CDTi	[A20DTR]	03.12-	114202	14	100	03.12-	114058	12	1.7
		03.12-	114847	14	140	03.12-	115597	12	1.4
		03.12-	115526	14	100	03.12-	115646	12	1.1
		03.12-	115583	14	120 A49				
		03.12-	116183	14	120				
Insignia 2.0 BiTurbo CDTi 4x4	[A20DTR]	03.12-	114202	14	100	03.12-	113931	12	1.7
		03.12-	114847	14	140	03.12-	114058	12	1.7
		03.12-	115526	14	100	03.12-	115575	12	1.4
		03.12-	115583	14	120 A49	03.12-	115597	12	1.4
		03.12-	116183	14	120	03.12-	115646	12	1.1
Insignia 2.0 CDTi 16V 4x4	[A20DTH]	07.08-	114202	14	100	07.08-	114058	12	1.7
		07.08-	114847	14	140	07.08-	113931	12	1.7
		07.08-	115526	14	100	07.08-	114298	12	1.1
		07.08-	115583	14	120 A49				
		07.08-	116183	14	120				
Insignia 2.0 CDTi	[A20DTC]	07.08-	114202	14	100	07.08-	114058	12	1.7
		07.08-	114847	14	140	07.08-	113931	12	1.7
		07.08-	115526	14	100	07.08-	115646	12	1.1
		07.08-	115583	14	120 A49				
		07.08-	116183	14	120				
	[A20DTE]	03.12-	115583	14	120 A49	07.13-	115575	12	1.4
		03.12-	116183	14	120				
		07.13-	114847	14	140				
	[A20DTH]	07.08-	114202	14	100	07.08-	114058	12	1.7
		07.08-	114847	14	140	07.08-	113931	12	1.7
		07.08-	115526	14	100	07.08-	114298	12	1.1
		07.08-	115583	14	120 A49	07.08-	115395	12	1.1
		07.08-	116183	14	120				
	[A20DTJ]	07.08-	114202	14	100	07.08-	114058	12	1.7
		07.08-	114847	14	140	07.08-	113931	12	1.7
		07.08-	115526	14	100	07.08-	114298	12	1.1
		07.08-	115583	14	120 A49	07.08-	115395	12	1.1
		07.08-	116183	14	120				
	[A20DTR]	10.08-	114202	14	100	03.12-	116584	12	2.2
		10.08-	114847	14	140	10.08-	114058	12	1.7
		10.08-	115526	14	100	10.08-	113931	12	1.7
		10.08-	115583	14	120 A49	10.08-	116618	12	
		10.08-	116183	14	120				
Insignia 2.0 CDTi 4x4	[A20DTR]	05.09-	114202	14	100	05.09-	114058	12	1.7
		05.09-	114847	14	140	05.09-	113931	12	1.7
		05.09-	115526	14	100	05.09-	115773	12	1.3
		05.09-	115583	14	120 A49	05.09-	116584	12	2.2
		05.09-	116183	14	120				
Insignia 2.0 CDTi Estate	[A20DTH]	07.08-	114202	14	100	07.08-	114058	12	1.7
		07.08-	114847	14	140	07.08-	113931	12	1.7
		07.08-	115526	14	100	07.08-	114298	12	1.1
		07.08-	115583	14	120 A49				
		07.08-	116183	14	120				
	[A20DTJ]	07.08-	114202	14	100	07.08-	114058	12	1.7
		07.08-	114847	14	140	07.08-	113931	12	1.7
		07.08-	115526	14	100	07.08-	115395	12	1.1
		07.08-	115583	14	120 A49				
		07.08-	116183	14	120				
Insignia 2.0 CDTi Sports Tourer	[A20DTC]	07.08-	114202	14	100	07.08-	114058	12	1.7
		07.08-	114847	14	140	07.08-	115597	12	1.4
		07.08-	115526	14	100	07.08-	115646	12	1.1
		07.08-	115583	14	120 A49				
		07.08-	116183	14	120				
	[A20DTH]	07.13-	114847	14	140	07.13-	115575	12	1.4
		07.13-	115526	14	100				
Insignia 2.0 Turbo	[A20NFT]	04.14-	115478	14	120	04.14-	115395	12	1.1
		04.14-	116008	14	100				
	[A20NHT]	07.08-	115478	14	120	07.08-	115575	12	1.4
		07.08-	116008	14	100				
Insignia 2.0 Turbo 4x4	[A20NFT]	09.11-	115478	14	120	09.11-	115395	12	1.1
		09.11-	116008	14	100				
	[A20NHT]	07.08-	115478	14	120	07.08-	115395	12	1.1
		07.08-	116008	14	100	07.08-	115575	12	1.4
Insignia 2.0 Turbo Estate	[A20NHT]	07.08-	115478	14	120	07.08-	115575	12	1.4
Insignia MK I 1.6 CDTi	[B16DTH]					07.15- 05.17	116285	12	2.0
Insignia MK I 1.6	[A16XER]	07.08- 07.12	114779	14	100	07.08- 07.12	114058	12	1.7
		07.08- 07.12	116181	14	120	A25 07.08- 07.12	116584	12	2.2
Insignia MK I 2.0 Biturbo 4x4	[A20DTR]	09.13- 05.17	114847	14	140	09.13- 05.17	113931	12	1.7
		09.13- 05.17	115526	14	100	09.13- 05.17	114298	12	1.1
Insignia MK I 2.0 CDTi	[A20DTH]	07.13- 05.17	114847	14	140	07.13- 05.17	113931	12	1.7
		07.13- 05.17	115526	14	100	07.13- 05.17	114298	12	1.1
Insignia MK I 2.0 CDTi 4x4	[A20DTH]	07.13- 05.17	114847	14	140	07.13- 05.17	113931	12	1.7
		07.13- 05.17	115526	14	100	07.13- 05.17	114298	12	1.1
Insignia MK II 1.6 Diesel	[B16DTE]					03.17-	116285	12	2.0
	[B16DTH]					03.17-	116285	12	2.0
	[D16DTE]					03.17-	116285	12	2.0
	[D16DTH]					03.17-	116285	12	2.0
	[D16DTN]					03.17-	116285	12	2.0
Insignia Sports Tourer 2.0 Turbo	[A20NFT]	04.14-	115478	14	120	04.14-	115575	12	1.4
		04.14-	116008	14	100				
Magnum 1.8 1800		01.74- 10.77	110179	14	36	01.74- 10.77	111103	12	0.8



Meriva A 1.3 CDTi	[Z13DTJ]	09.03- 09.03- 09.03- 09.03-	113720 114451 115308 116064	14 75 14 105 14 120 14 75	A49	09.03- 09.03-	113276 114298	12 1.1 12 1.1
Meriva A 1.4 16V Twinport	[Z14XEP]	07.04-	114249	14 70		07.04-	114029	12 1.8
Meriva A 1.6 i 16V	[Z16XE]		111990	14 70			112320	12 1.4
Meriva A 1.6 i 16V Twinport	[Z16XEP]	05.03- 06.10 05.03- 06.10 05.03- 06.10 05.03- 06.10	113720 113722 115963 116064	14 75 14 90 14 90 14 75	A49 A49	05.03- 06.10	113276	12 1.1
Meriva A 1.6 i	[Z16SE]		112416	14 100			111684	12 1.4
Meriva A 1.6 Turbo	[Z16LET]	05.06-	115843	14 120				
Meriva A 1.7 CDTi 16V	[Z17DTH]	04.04- 04.04-	112271 113941	14 100 14 100		04.04- 04.04-	111684 113276	12 1.4 12 1.1
Meriva A 1.8 i 16V	[Z18XE]	03.03-	111990	14 70		03.03-	111123	12 0.9
Meriva MK I 1.7 CDTi	[Y17DT]	06.03-	112271	14 100		06.03-	112320	12 1.4
Meriva MK II 1.3 CDTi 16V	[A13DTC]	06.10- 06.10- 06.10-	114409 114754 114895	14 100 14 120 14 70		06.10- A25 06.10-	112320 115830	12 1.4 12 2.0
Meriva MK II 1.3 CDTi 16V Ecoflex	[A13DTE]	10.10- 10.10- 10.10-	114409 114754 114895	14 100 14 120 14 70		10.10- 10.10- 10.10-	112320 114029 115719	12 1.4 12 1.8 12 1.1
Meriva MK II 1.4 BiFuel LPG	[A14NEL]	06.11- 06.11- 06.11- 06.11-	114727 115989 116202 116203 116701	14 130 14 130 14 120 14 100 14 100		06.11- 06.11-	114029 115646	12 1.8 12 1.1
Meriva MK II 1.4 16V Turbo	[A14NEL]	06.10- 06.10- 06.10-	115989 116202 116203	14 130 14 120 14 100		06.10-	115646	12 1.1
	[A14NET]	06.10- 06.10- 06.10- 06.10-	115989 116202 116203 116701	14 130 14 120 14 100 14 100		06.10- 06.10-	115719 115646	12 1.1 12 1.1
Meriva MK II 1.4 16V	[A14XER]	06.10- 06.10- 06.10- 06.10-	115989 116202 116203 116701	14 130 14 120 14 100 14 100		06.10- 06.10-	115719 115646	12 1.1 12 1.1
Meriva MK II 1.7 CDTi 16V	[A17DT]	06.10-	114665	14 100		06.10-	115395	12 1.1
Meriva MK II 1.7 CDTi 16V Ecotec	[A17DTS]	10.10-	114665	14 100		10.10-	116285	12 2.0
Meriva MK II 1.7 CDTi	[A17DTC]	06.10- A25 06.10-	114665 115396	14 100 14 140		A25 06.10- 06.10-	115830 115719	12 2.0 12 1.1
Mokka 1.2	[F12XHT (EB2ADTS)]	10.20-	116541	14 120		10.20-	115395	12 1.1
Mokka 1.4	[A14NET]	04.13-	114727	14 130		04.13- 04.13- 04.13-	113960 115395 115646	12 0.9 12 1.1 12 1.1
Mokka 1.4 4x4	[A14NET]	06.12-	114727	14 130		06.12- 06.12-	113276 115646	12 1.1 12 1.1
Mokka 1.6	[A16XER]					06.12-	116257	12 1.7
Mokka 1.7 CDTi 4x4	[A17DTS]	06.12-	115396	14 140		06.12- 06.12-	113960 115830	12 0.9 12 2.0
Monterey A 3.1 TD 4x4	[4JG2TC]	09.91- 09.91- 03.92-	111267 112228 111767	14 50 14 60 14 80		09.91-	111559	12 2.0
Monterey B 3.0 DTi	[4JX1]					04.98- 12.99	112083	12 2.8
Movano 1.9 DTi	[F9Q774]	10.01- AC 10.01-	113248 112471	14 120 14 125		10.01-	112475	12 2.1
Movano 2.0 DTi	[G9T720]	09.00- 09.00-	112471 113248	14 125 14 120		09.00-	112475	12 2.1
Movano 2.2 DTi	[G9T720]	09.00- 09.00-	112471 113248	14 125 14 120		09.00-	112475	12 2.1
Movano 2.3 CDTi FWD	[M9T670]	05.10- 05.10- 05.10-	114826 115356 116324	14 185 14 150 14 185	A49	A25 05.10-	116287	12 2.2
	[M9T672]	05.10- 05.10- 05.10-	114826 115356 116324	14 185 14 150 14 185	A49	A25 05.10-	116287	12 2.2
	[M9T676]	05.10- 05.10- 05.10-	114826 115356 116324	14 185 14 150 14 185	A49	A25 05.10-	116287	12 2.2
	[M9T678]	05.10- 05.10- 05.10-	114826 115356 116324	14 185 14 150 14 185	A49	A25 05.10-	116287	12 2.2
	[M9T680]	05.10- 05.10- 05.10-	114826 115356 116324	14 185 14 150 14 185	A49	A25 05.10-	116287	12 2.2
	[M9T690]	05.10- 05.10- 05.10-	114826 115356 116324	14 185 14 150 14 185	A49	A25 05.10-	116287	12 2.2
	[M9T692]	05.10- 05.10- 05.10-	114826 115356 116324	14 185 14 150 14 185	A49	A25 05.10-	116287	12 2.2
	[M9T694]	05.10- 05.10- 05.10-	114826 115356 116324	14 185 14 150 14 185	A49	A25 05.10-	116287	12 2.2
	[M9T698]	05.10- 05.10-	114826 116324	14 185 14 185	A49	A25 05.10-	116287	12 2.2
Movano 2.3 CDTi RWD	[M9T672]	07.10- 07.10- 07.10-	114826 115356 116324	14 185 14 150 14 185	A49	A25 07.10-	116287	12 2.2
	[M9T690]	07.10- 07.10- 07.10-	114826 115356 116324	14 185 14 150 14 185	A49	A25 07.10-	116287	12 2.2
Movano 2.5 CDTi	[G9U632]	08.06-	113837	14 150		A25 08.06-	116287	12 2.2
	[G9U650]	04.04-	113837	14 150		A25 04.04-	116287	12 2.2
	[G9U754]	11.03- 12.06	113837	14 150		A25 11.03- 12.06 04.04-	116287 114074	12 2.2 12 2.2
Movano 2.5 Diesel	[S8U]	10.98-	111937	14 75		10.98-	112474	12 1.8



VAUXHALL Continued

Movano 2.5 DTi	[G9U720]	10.01-	113245	14 125		10.01-	112475	12 2.1
		10.01-	113248	14 120		10.01-	114074	12 2.2
		10.01-	113837	14 150				
	[G9U724]	10.01-	113248	14 120		10.01-	114074	12 2.2
		10.01-	113837	14 150		10.01-	114032	12 2.5
	[G9U750]	10.01-	113248	14 120		10.01-	112103	12 2.2
		10.01-	113837	14 150		10.01-	114074	12 2.2
	[G9U754]					10.01-	114032	12 2.5
		10.01-	113248	14 120		10.01-	114074	12 2.2
		10.01-	113837	14 150	A25	10.01-	116287	12 2.2
Movano 2.8 DTi	[S9W702]	06.98- 10.01	111937	14 75		06.98- 10.01	112475	12 2.1
Movano 2.8 TDi	[S9W702]	10.98- 10.01	111937	14 75		10.98- 10.01	112474	12 1.8
Movano 3.0 DTi	[ZD3200]	10.03-	113993	14 135		A25 10.03-	116287	12 2.2
		10.03-	115317	14 120				
	[ZD3202]	10.03-	113993	14 135		A25 10.03-	116287	12 2.2
		10.03-	115317	14 120				
Movano Mk II 2.3 Diesel FWD	[M9T716]	08.19-	114826	14 185 A49		08.19-	114074	12 2.2
		08.19-	115356	14 150		A25 08.19-	116287	12 2.2
		08.19-	116324	14 185				
		08.19-	116710	14 150				
Movano MK II 2.3 CDTi 16V FWD	[M9T670]					A25 05.10-	116287	12 2.2
	[M9T672]					A25 05.10-	116287	12 2.2
	[M9T676]					A25 05.10-	116287	12 2.2
	[M9T678]					A25 05.10-	116287	12 2.2
	[M9T680]					A25 05.10-	116287	12 2.2
Movano MK II 2.3 CDTi 16V RWD	[M9T686]					A25 05.10-	116287	12 2.2
	[M9T690]					A25 05.10-	116287	12 2.2
	[M9T692]					A25 05.10-	116287	12 2.2
	[M9T694]					A25 05.10-	116287	12 2.2
	[M9T696]					A25 05.10-	116287	12 2.2
	[M9T698]					A25 05.10-	116287	12 2.2
	[M9T702]					A25 05.10-	116287	12 2.2
Movano MK II 2.3 CDTi FWD	[M9T702]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	116324	14 185				
	[M9T704]	10.16-	114826	14 185 A49		10.16-	114074	12 2.2
		10.16-	115356	14 150		A25 10.16-	116287	12 2.2
		10.16-	116324	14 185				
	[M9T706]	11.16-	114826	14 185 A49		11.16-	114074	12 2.2
		11.16-	116324	14 185				
	[M9T870]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	116324	14 185				
Movano MK II 2.3 CDTi RWD	[M9T700]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	116324	14 185				
	[M9T898]	05.10-	114826	14 185 A49		05.10-	114074	12 2.2
		05.10-	115356	14 150				
		05.10-	116324	14 185				
					A25 05.10-	116287	12 2.2	
Nova 1.4 S	[14NV]	01.90- 02.93	113376	14 55		01.90- 02.93	111123	12 0.9
						01.90- 02.93	111127	12 1.4
Nova A 1.0	[10S]	09.82- 10.87	113376	14 55		09.82- 10.87	111127	12 1.4
						05.83- 08.88	111123	12 0.9
Nova A 1.2	[12ST]	05.83- 02.90	113376	14 55		05.83- 02.90	111127	12 1.4
Nova A 1.2 N	[12NV]	01.90- 03.93	113376	14 55		01.90- 03.93	111123	12 0.9
Nova A 1.2 S	[12ST]	09.82- 10.87	113376	14 55		09.82- 10.87	111123	12 0.9
Nova A 1.3 S	[13SB]	09.82- 10.87	113376	14 55		09.82- 10.87	111123	12 0.9
Nova A 1.4 i	[C14NZ]	01.89- 03.93	113376	14 55		01.89- 03.93	111123	12 0.9
Nova A 1.5 Diesel	[15D]					09.87- 03.93	111136	12 1.4
Nova A 1.6 GSi	[C16SE]	02.92- 03.93	113376	14 55		02.92- 03.93	111127	12 1.4
	[C16SEI]					09.89- 03.93	111127	12 1.4
	[E16SE]	05.88- 08.88	113376	14 55		05.88- 08.88	111127	12 1.4
Novavan 1.2	[12NV]					01.90- 10.94	111123	12 0.9
						01.90- 10.94	111127	12 1.4
Novavan 1.5 Diesel	[15D (4EC1)]					01.91- 10.94	111136	12 1.4
Omega 2.0 Dualfuel	[X20XE]	01.99- 07.01	111426	14 100		01.99- 07.01	111848	12 1.0
		01.99- 07.01	111732	14 120				
		01.99- 07.01	112229	14 70				
Omega 2.0	[X20SE]	03.94- 09.99	111514	14 100	Chas. W1000001-	04.94- 12.00	111848	12 1.0
		04.94- 12.00	112229	14 70				
		04.94- 12.00	111426	14 100				
Omega 2.0 16V	[X20XE]	04.94- 12.00	111732	14 120				
		09.93- 08.99	112229	14 70		03.94- 09.99	111848	12 1.0
		03.94- 09.99	111514	14 100		03.94- 09.99	113446	12 2.2
		09.93- 08.99	111426	14 100		09.93- 08.99	112533	12 2.2
		09.93- 08.99	111732	14 120				
Omega 2.0 i	[Z0SE]	03.94- 12.00	111426	14 100		03.94- 12.00	111848	12 1.0
		03.94- 12.00	111514	14 100		03.94- 12.00	113446	12 2.2
		03.94- 12.00	111732	14 120				
		03.94- 12.00	112229	14 70				
	[X20SE]	03.94- 09.99	111514	14 100		03.94- 09.99	113674	12 2.0
		03.94- 12.00	112229	14 70	Chas. W1000001-	03.94- 12.00	111848	12 1.0
		03.94- 12.00	111426	14 100				
		03.94- 12.00	111732	14 120				
Omega 2.2 DTi 16V	[Y22DTH]	09.00- 07.03	114656	14 140				
		09.00- 07.03	116334	14 120				
Omega 2.2 i 16V	[Y22XE]	09.99-	111426	14 100	Chas. W1000001-	09.99-	111848	12 1.0
		09.99-	111514	14 100		09.99-	113446	12 2.2
		09.99-	111732	14 120		09.99-	113674	12 2.0
		09.99-	112229	14 70				
	[Z22XE]	09.99-	111514	14 100		09.99-	111848	12 1.0
		09.99-	112229	14 70		09.99-	113446	12 2.2
Omega 2.5 TD	[Z5DT]	04.94- 02.01	111788	14 105				
	[X25DT]	04.96-	111788	14 105				
Omega 2.5 V6	[X25XE]	04.94-	111514	14 100		04.94-	113674	12 2.0
Omega 3.0 V6	[X30XE]	04.94- 02.01	111514	14 100		04.94- 02.01	113674	12 2.0
Rascal 1.0	[F10A]					01.88-	111127	12 1.4
Signum 1.8	[Z18XE]	06.03- 07.05	115619	14 120				
	[Z18XER]	Chas. 71052537- 08.05- 05.08	115306	14 120				



Signum 1.9 CDTi 16V	[Z19DTH]		04.04-	113904	14 130	04.04-	115597	12 1.4
			04.04-	113955	14 105	04.04-	113931	12 1.7
			04.04-	114088	14 140	04.04-	114341	12 1.2
			04.04-	114204	14 120	04.04-	114298	12 1.1
			04.04-	115487	14 140 A49			
Signum 1.9 CDTi	[Z19DT]		04.04-	113904	14 130	04.04-	115597	12 1.4
			04.04-	113955	14 105	04.04-	113931	12 1.7
			04.04-	114088	14 140	04.04-	114482	12 2.2
			04.04-	114204	14 120	04.04-	114341	12 1.2
			04.04-	115487	14 140 A49			
Signum 2.0 DTi	[Y20DTH]		05.03- 05.08	114656	14 140			
			05.03- 05.08	116334	14 120			
Signum 2.0 i Turbo	[Z20NET]		03.03- 10.08	116468	14 100	05.03-	113674	12 2.0
			05.03-	113352	14 120			
Signum 2.2 DTi	[Y22DTR]		05.03- 05.08	114656	14 140			
			05.03- 05.08	116334	14 120			
Signum 2.2 i	[Z22YH]		05.03-	113352	14 120	05.03-	113674	12 2.0
Sintra 2.2 DTi	[X22DTH]					09.97- 09.99	113674	12 2.0
Sintra 2.2 i 16V	[X22XE]					09.96- 09.99	111848	12 1.0
Speedster 2.2 i	[Z22SE]		09.00-	113352	14 120	09.00-	114341	12 1.2
Tigra 1.3 CDTi TwinTop	[Z13DT]		06.04-	113720	14 75 A49	06.04-	113276	12 1.1
			06.04-	113722	14 90 A49	06.04-	113719	12 1.3
			06.04-	114451	14 105	06.04-	113843	12 1.1
			06.04- 08.09	115308	14 120	06.04- 08.09	115869	12 1.3 A49
			06.04- 08.09	115963	14 90			
			06.04- 08.09	116064	14 75			
Tigra 1.4	[Z14XEP]		09.04-	113265	14 120	09.04-	111684	12 1.4
Tigra 1.4 16V	[X14XE]		07.94-	112229	14 70	07.94-	111123	12 0.9
Tigra 1.6 16V	[X16XE]		09.94- 08.99	111426	14 100	09.94- 08.99	111123	12 0.9
			09.94- 08.99	112229	14 70			
Tigra 1.8	[Z18XE]		06.04-	112416	14 100	06.04-	111684	12 1.4
			09.04- 08.09	115619	14 120			
Various Models						01.75- 01.78	111102	12 0.8
						01.89- 01.91	111123	12 0.9
						01.89- 01.91	111127	12 1.4
Vectra 1.6 i 16V	[X16XEL]			111426	14 100		111127	12 1.4
				111514	14 100		112431	12 1.1
				111732	14 120		113276	12 1.1
				112229	14 70		113931	12 1.7
							114341	12 1.2
	[Y16XE]			111514	14 100		113276	12 1.1
							113674	12 2.0
[Z16XE]			111514	14 100		113276	12 1.1	
						113674	12 2.0	
Vectra 1.6 i	[X16SZR]		10.95-	111426	14 100	10.95-	111123	12 0.9
			10.95-	111514	14 100	10.95-	112431	12 1.1
			10.95-	111732	14 120	10.95-	113674	12 2.0
			10.95-	112229	14 70	10.95-	113931	12 1.7
Vectra 1.7 TD	[X17DT (TC4EE1)]		10.95- 11.96	111515	14 70	10.95- 11.96	113674	12 2.0
Vectra 1.8	[Z18XER]		01.06-	114668	14 100			
		Chas. 71052537-	01.06-	115306	14 120			
Vectra 1.8 GTS	[Z18XER]	Chas. 71052537-	01.06-	115306	14 120			
Vectra 1.8 16V	[Z18XE]		10.03- 08.05	112416	14 100	10.03- 08.05	114124	12 1.8
Vectra 1.8 Dualfuel 16V	[Z18XE]		04.02-	112416	14 100	04.02-	114298	12 1.1
			04.02-	115619	14 120			
Vectra 1.8 Dualfuel 16V GTS	[Z18XE]		04.02-	112416	14 100	04.02-	114298	12 1.1
			04.02-	115619	14 120			
Vectra 1.8 i 16V	[X18XE]		10.95-	111426	14 100	10.95-	111123	12 0.9
			10.95- 09.00	111514	14 100	10.95- 09.00	112431	12 1.1
			10.95-	111732	14 120	10.95-	113674	12 2.0
			10.95-	112229	14 70	10.95-	113931	12 1.7
						10.95-	115597	12 1.4
	[X18XE1]					11.96-	112103	12 2.2
		10.95- 09.00	111514	14 100	10.95- 09.00	111848	12 1.0	
		04.02-	112416	14 100	09.00-	111848	12 1.0	
		09.00-	111514	14 100	09.00- 08.01	113674	12 2.0	
		09.00- 08.01	111732	14 120	09.00- 08.01	114482	12 2.2	
Vectra 1.8 i 16V GTS	[Z18XE]	09.00- 08.01	112229	14 70	09.00- 08.01	115597	12 1.4	
					09.00-	114341	12 1.2	
		08.02-	112416	14 100	08.02-	114298	12 1.1	
Vectra 1.9 CDTi 16V	[Z19DTH]		04.04-	113904	14 130			
			04.04-	113955	14 105			
			04.04-	114088	14 140			
			04.04-	114204	14 120			
			04.04-	115487	14 140 A49			
Vectra 1.9 CDTi 16V GTS	[Z19DTH]		04.04-	113904	14 130			
			04.04-	113955	14 105			
			04.04-	114088	14 140			
			04.04-	114204	14 120			
			04.04-	115487	14 140 A49			
Vectra 1.9 CDTi	[Z19DT]		04.04-	113904	14 130			
			04.04-	113955	14 105			
			04.04-	114088	14 140			
			04.04-	114204	14 120			
			04.04-	115487	14 140 A49			
Vectra 1.9 CDTi GTS	[Z19DT]		04.04-	113904	14 130			
			04.04-	113955	14 105			
			04.04-	114088	14 140			
			04.04-	114204	14 120			
			04.04-	115487	14 140 A49			
Vectra 2.0 Dualfuel	[X20XEV]	PS	05.98- 01.01	112229	14 70	05.98- 01.01	111127	12 1.4
			05.98- 01.01	111426	14 100	05.98- 01.01	113674	12 2.0
			05.98- 01.01	111732	14 120	10.98- 01.01	111123	12 0.9
						05.98- 01.01	114341	12 1.2
Vectra 2.0 DTi 16V	[X20DTH]		06.97-	111514	14 100	06.97-	111848	12 1.0
			04.02-	114656	14 140	06.97-	111690	12 1.1
			04.02-	116334	14 120			
			06.97-	111514	14 100			
Vectra 2.0 DTi	[Y20DTH]		04.02- 10.08	114656	14 140			
			04.02- 10.08	116334	14 120			



VAUXHALL Continued

Vectra 2.0 i 16V	[X20XE]	10.95-	111426	14	100	10.95-	111123	12	0.9
		10.95- 09.00	111514	14	100	10.95- 09.00	112431	12	1.1
		10.95-	111732	14	120	10.95-	113674	12	2.0
		10.95-	112229	14	70	10.95-	113931	12	1.7
						10.95-	115597	12	1.4
Vectra 2.0 Turbo 16V	[Z20NET]	03.03-	113352	14	120	11.96- 09.00	111848	12	1.0
		10.03- 07.08	116468	14	100				
Vectra 2.0 Turbo 16V GTS	[Z20NET]	03.03-	113352	14	120				
Vectra 2.2 DTi 16V	[Y22DTR]	09.00-	116334	14	120				
		10.03-	114656	14	140				
Vectra 2.2 DTi 16V GTS	[Y22DTR]	04.02-	114656	14	140				
		04.02-	116334	14	120				
Vectra 2.2 DTi	[Y22DTR]	04.02- 10.08	114656	14	140				
		04.02- 10.08	116334	14	120				
Vectra 2.2 Direct	[Z22YH]	01.02- 10.08	116468	14	100				
		10.03-	113352	14	120				
Vectra 2.2 Direct GTS	[Z22YH]	10.03-	113352	14	120				
		10.03- 08.05	116468	14	100				
Vectra 2.2 i 16V	[Z22SE]	09.00- 08.01	113352	14	120				
		01.02- 10.08	116468	14	100				
Vectra 2.2 i 16V GTS	[Z22SE]	08.02- 07.08	116468	14	100				
Vectra 2.2 i	[C22SEL]	10.99- 08.01	111732	14	120	10.99- 08.01	113674	12	2.0
Vectra 2.5 i V6	[X25XE]	05.95- 10.97	112806	14	120	10.95-	111684	12	1.4
		10.95-	111514	14	100	10.95-	111690	12	1.1
Vectra B 1.8 16V	[X18XE]	09.95- 09.00	111426	14	100	09.95- 09.00	111848	12	1.0
		09.95- 09.00	111732	14	120				
		09.95- 09.00	112229	14	70				
Vectra B 1.8 Dualfuel	[Z18XE]	09.00- 03.02	111426	14	100	09.00- 03.02	112431	12	1.1
		09.00- 03.02	111732	14	120				
		09.00- 03.02	112229	14	70				
Vectra MK II 2.8 V6 Turbo	[Z28NET]					08.06-	115597	12	1.4
Ventora 3.3 3300		03.69- 10.76	110179	14	36				
Victor 1.6 1600		01.70- 09.72	110179	14	36	01.70- 09.72	111103	12	0.8
Victor 1.8 1800		01.70- 10.76	110179	14	36	01.70- 10.76	111103	12	0.8
Victor 2.0 2000		01.70- 09.72	110179	14	36	01.70- 09.72	111103	12	0.8
Victor 2.3 2300		10.72- 10.76	110179	14	36	10.72- 10.76	111103	12	0.8
Viva 1.0 LPG	[B10XE]					A25 06.15-	116418	12	1.4
	[B10XL]					06.15-	116417	12	1.4
Viva 1.0 C16	[D10XE]					A25 06.15-	116418	12	1.4
						06.15-	116417	12	1.4
Viva 1.3	[E]	10.71- 10.75	110178	14	36	10.71- 10.75	111102	12	0.8
		10.75- 10.79	110178	14	36	10.75- 10.79	111102	12	0.8
Viva 1.6 1600		01.68- 01.78	111184	14	43	01.68- 01.78	111102	12	0.8
		01.68- 01.78	110179	14	36				
Viva 1.8 1800		01.73- 10.79	111184	14	43	01.73- 10.79	111103	12	0.8
		01.73- 10.79	110179	14	36	01.73- 10.79	111102	12	0.8
Vivaro 1.6 CDTi	[R9M408]	05.14-	116561	14	185	05.14-	115829	12	2.0
	[R9M413]	08.16-	116625	14	150				
		08.16-	116561	14	185				
	[R9M450]	05.14-	116625	14	150	05.14-	115829	12	2.0
Vivaro 1.9 DI	[F9Q762]	05.14-	116561	14	185				
Vivaro 1.9 Diesel DI	[F9Q762]	08.01-	113245	14	125	08.01-	114074	12	2.2
		08.01-	112471	14	125	08.01-	112474	12	1.8
		08.01-	113248	14	120	08.01-	114074	12	2.2
Vivaro 1.9 DTi	[F9Q760]	AC				08.01-	112475	12	2.1
		08.01-	112471	14	125	08.01-	112475	12	2.1
		08.01-	113248	14	120	08.01-	114074	12	2.2
Vivaro 2.0 CDTi	[M9R630]	01.06- 07.14	114509	14	150	01.06- 07.14	115829	12	2.0
						01.06- 07.14	116278	12	1.5
	[M9R780]	01.06- 07.14	114509	14	150	01.06- 07.14	114814	12	0.9
						01.06- 07.14	116278	12	1.5
	[M9R782]	01.06- 07.14	114509	14	150	08.06-	114074	12	2.2
						01.06- 07.14	115829	12	2.0
	[M9R784]	01.06- 07.14	114509	14	150	01.06- 07.14	116278	12	1.5
						01.06-	114074	12	2.2
	[M9R786]	08.06- 07.14	114509	14	150	08.06- 07.14	116278	12	1.5
		01.06-	114509	14	150	01.06-	114074	12	2.2
Vivaro 2.0 16V	[M9R788]	08.06- 07.14	114509	14	150	08.06- 07.14	116278	12	1.5
						08.06- 07.14	115829	12	2.0
	[F4R720]	08.01-	113248	14	120	08.01-	114074	12	2.2
		04.03-	113245	14	125	08.01-	114074	12	2.2
	AC	08.01-	112471	14	125	08.01-	112475	12	2.1
		08.01-	114122	14	150	08.01-	112474	12	1.8
Vivaro 2.5 CDTi 16V	[G9U630]	01.06-	113837	14	150	01.06-	114074	12	2.2
		01.06-	114700	14	150	01.06-	115829	12	2.0
Vivaro 2.5 CDTi	[G9U630]	08.06- 07.14	113837	14	150	08.06- 07.14	114074	12	2.2
Vivaro 2.5 CDTi Flatbed	[G9U630]	08.06- 07.14	113837	14	150	08.06- 07.14	114074	12	2.2
Vivaro 2.5 DTi	[G9U630]	04.04-	112471	14	125	04.04-	112474	12	1.8
						04.04-	112475	12	2.1
		04.04-	113245	14	125	04.04-	114074	12	2.2
Vivaro B Bus 1.6 CDTi	[R9M415]	01.19-	116561	14	185	01.19-	116278	12	1.5
		01.19-	116625	14	150	01.19-	115829	12	2.0
Vivaro B Bus 1.6 CDTi CDTi	[R9M452]	08.16-	116561	14	185	08.16-	116278	12	1.5
		08.16-	116625	14	150	08.16-	115829	12	2.0
Vivaro B Van 1.6 CDTi	[R9M415,R9M413]	08.16-	116561	14	185	08.16-	116278	12	1.5
		08.16-	116625	14	150	08.16-	115829	12	2.0
Vivaro C 1.5 Diesel	[D15DT (DV5RUCD)]	03.19-	116541	14	120	03.19-	114854	12	2.5
		03.19-	116541	14	120	03.19-	114854	12	2.5
Vivaro C 2.0 Diesel	[D20DTL (DW10FE)]					03.19-	114854	12	2.5
Vivaro C Van 2.0 Diesel	[DW10FDDU370, DW10FDDU340]					08.21-	114460	12	1.4
Vivaro Life 1.5 Diesel	[D15DT (DV5RUCD)]	03.19-	116152	14	150	03.19-	114854	12	2.5
		03.19-	116541	14	120				
	[D15DTH (DV5RUC)]	03.19-	116541	14	120				
VX 2.0 i Turbo 220	[Z20LET]	04.03-	113352	14	120	04.03-	111103	12	0.8
						04.03-	111848	12	1.0



VX220 2.0	[Z20LET]	10.03- 07.05 10.03- 07.05	112416 113352	14 100 14 120	10.03- 07.05	111848	12 1.0
Zafira 1.6 16V	[X16XEL]		111990 115619 112416	14 70 14 120 14 100		113276	12 1.1
	Chas. -12257452, -15257663, -18131574						
Zafira 1.8 16V	[X18XE1]	04.99- 04.99- Chas. -12257452, -15257663, -18131574 04.99- 09.00	111990 112416 115619	14 70 14 100 14 120	04.99- 04.99-	111848 113674	12 1.0 12 2.0
	[Z18XE]	09.00- 09.00- 09.00- 06.05	111990 112416 115619	14 70 14 100 14 120	09.00- 09.00-	111848 113674	12 1.0 12 2.0
Zafira 2.0 Diesel Di 16V	[X20DTL]	10.99-	111514	14 100	10.99-	111123	12 0.9
Zafira 2.0 DTi 16V	[Y20DTH]	04.99-	111514	14 100	04.99-	112431	12 1.1
Zafira 2.0	[Z20LER]	06.02- 06.05	115846	14 120			
Zafira 2.0 Turbo 16V	[Z20LET]	09.01- Chas. 32240132- 09.01-	112416 115619	14 100 14 120	09.01-	114341	12 1.2
	[Z22SE]	09.00-	113352	14 120			
Zafira MK I 1.8 Dualfuel Dualfuel	[Z18XE]	09.00- 08.05 09.00- 08.05 09.00- 08.05	111990 112416 115619	14 70 14 100 14 120	09.00- 08.05	112431	12 1.1
Zafira Mk II 1.6	[Z16XER]	12.07- Chas. 72095157- 12.07-	114668 115306	14 100 14 120			
Zafira MK II 1.7 CDTi	[A17DTR]	01.08-	114665	14 100			
Zafira MK II 1.7 TD	[A17DTJ]	04.09-	114665	14 100	04.09-	114298	12 1.1
Zafira MK II 1.8	[A18XEL]	04.13-	115306	14 120			
Zafira Mk II 1.9 CDTi	[Z19DT]	07.05- 07.05- 07.05- 07.05- 07.05-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49	07.05- 07.05- 07.05- 07.05- 07.05-	113276 112320 113931 114341	12 1.1 12 1.4 12 1.7 12 1.2
	[Z19DTH]	07.05- 07.05- 07.05- 07.05- 07.05-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49	07.05- 07.05- 07.05- 07.05- 07.05-	114058 111848 113931 114298	12 1.7 12 1.0 12 1.7 12 1.1
Zafira MK II 2.0	[Z20LEH]	01.06-	115846	14 120			
	[Z20LER]	07.05-	115846	14 120			
Zafira MK III 1.4	[A14NEL]	10.11- 10.11-	115989 116390	14 130 14 120			
	[A14NET]	10.11- 10.11-	115989 116390	14 130 14 120			
Zafira MK III 1.6 CNG	[A16XNT]	10.11-	115410	14 100	10.11-	115395	12 1.1
Zafira MK III 1.8	[A18XEL]	10.11- 10.11-	115410 116392	14 100 14 120	10.11-	114298	12 1.1
	[A18XER]	10.11-	116392	14 120			
Zafira Mk III 2.0 BiTurbo CDTi	[A20DTR]	01.13- 01.13- 01.13- 01.13-	114847 115526 115583 116183	14 140 14 100 14 120 A49 14 120	01.13-	115395	12 1.1
Zafira MK III 2.0 CDTi	[A20DT]	10.11- 10.11- 10.11- 10.11-	114202 114847 115583 116183	14 100 14 140 14 120 A49 14 120	10.11- 10.11- 10.11-	113931 115646	12 1.7 12 1.1
	[A20DTH]	10.11- 10.11- 10.11- 10.11- 10.11-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	10.11- 10.11- 10.11- 10.11-	114058 113931 116285	12 1.7 12 1.7 12 2.0
	[A20DTJ]	10.11- 10.11- 10.11- 10.11-	114202 114847 115583 116183	14 100 14 140 14 120 A49 14 120	10.11- 10.11- 10.11-	114058 113931 115646	12 1.7 12 1.7 12 1.1
	[A20DTL]	10.11- 10.11- 10.11- 10.11- 10.11-	114202 114847 115526 115583 116183	14 100 14 140 14 100 14 120 A49 14 120	10.11- 10.11- 10.11-	114058 113931 114298	12 1.7 12 1.7 12 1.1
	[Z20DTJ]	10.11- 10.11- 10.11- 10.11-	114202 114847 115526 115583	14 100 14 140 14 100 14 120 A49	10.11- 10.11- 10.11-	114058 113931 114298	12 1.7 12 1.7 12 1.1
Zafira Mki 1.6 Dualfuel	[X16XEL,Z16XE]	10.11-	111990 112416 115619	14 70 14 100 14 120		111123	12 0.9
Vermeer							
INDUSTRY							
Various Models						115968	12 2.0
Vetus							
MARINE							
C4 Pleasure Craft Engines	[4B3.9]		111888	14 65		113725	12 2.5
GHS14SI Marine Auxiliary	[L3E]		114079	14 40		114444	12 1.6
M2.06	[MI]					112178 112185	12 1.6 12 1.2
M2.C5	[MI]		114079	14 40		112185 112178	12 1.2 12 1.6
M2.D5	[MI]		114079	14 40		112185 112178	12 1.2 12 1.6
M3.09	[MI]		114079	14 40		112185 112178	12 1.2 12 1.6
M4.15			112492	14 50			
M4.17			112492	14 50			
Various Models	[KHD]		116524	28 55			
VM (Stabilimenti Mec)							
MOTORS							
D702						115537	24 2.8
D703						115537	24 2.8
Stationnaires 2.1 235	[HR494..]				04.85-	112173	12 2.7
Stationnaires 2.8 279	[HR494..]				01.86-	112173	12 2.7
Stationnaires 2.8 282	[HR494..]				09.89-	112173	12 2.7


VM (STABILIMENTI MEC) Continued

Stationnaires 3.5	[HR594...]			01.84- 12.90	112173	12 2.7
Various Models		114383	14 105		115535	12 3.0
		114466	14 55		115537	24 2.8
		115724	14 45		114402	12 2.3
		116361	14 105		114313	24 2.5
					114265	12 2.7
Volvo						
PASSENGER CARS EU						
66 1.1	[B11]	08.75- 08.78	110899	14 33		
66 1.3	[B130]	08.75- 08.78	110899	14 33		
164 3.0	[B30E]			09.67- 07.74	111054	12 1.1
164 3.0 E	[B30A]			08.68- 07.73	111054	12 1.1
240 2.0	[B19A]			08.76- 01.82	111054	12 1.1
	[B19ET]			10.82- 08.84	111489	12 1.4
	[B200K]			08.84- 07.85	111054	12 1.1
	[B20A]			08.74- 07.75	111054	12 1.1
240 2.1	[B21A]			08.74- 07.75	111054	12 1.1
	[B21E]			01.83- 12.84	111489	12 1.4
	[B21F]			08.74- 07.79	111054	12 1.1
240 2.1 Turbo	[B21ET]			08.80- 07.83	111054	12 1.1
240 2.3	[B230A]			08.84- 07.86	111489	12 1.4
	[B230E]			08.83- 07.84	111054	12 1.1
	[B230F]	08.86- 07.87	112746	14 80	08.86- 07.87	111054 12 1.1
				08.86- 07.87	111489	12 1.4
	[B230K]			08.84- 07.86	111489	12 1.4
		08.86- 07.90	112746	14 80	08.86- 07.90	111054 12 1.1
	[B23A]			08.80- 07.84	111054	12 1.1
	[B23E]			08.78- 07.80	111054	12 1.1
		07.86- 12.88	112746	14 80	07.86- 12.88	111120 12 2.2
				03.87- 12.88	111489	12 1.4
240 2.4 Diesel	[D24]	08.81- 07.85	110881	14 55	08.81- 07.85	111112 12 2.0
				08.81- 08.93	111120	12 2.2
260 2.7	[B27F]			08.81- 07.82	111054	12 1.1
340 1.4	[B14.4S]			02.76- 09.78	110367	12 1.0
340 1.6 Diesel	[D16]			08.84- 07.91	112295	12 1.7
340 1.7	[B172K]			08.85- 07.91	110585	12 1.2
340 2.0	[B19A]			08.80- 07.84	111054	12 1.1
	[B200K]	08.84- 07.88	112746	14 80	08.84- 07.88	110585 12 1.2
				08.84- 07.88	110160	12 1.2
				08.84- 07.88	111054	12 1.1
343 1.4	[B14.4S]			01.76- 01.78	110367	12 1.0
360 2.0	[B200E]	08.84- 07.86	111216	14 37	08.84- 07.86	111054 12 1.1
		08.84- 07.86	112746	14 80	08.84- 07.86	111489 12 1.4
	[B200EA]	08.86- 07.88	112746	14 80	08.86- 07.89	110160 12 1.2
				08.86- 07.88	111054	12 1.1
	[B200F]	08.86- 07.90	112746	14 80	08.86- 07.88	111489 12 1.4
				08.86- 07.90	110160	12 1.2
	[B200K]			08.87- 07.88	111489	12 1.4
				08.84- 07.87	111489	12 1.4
				08.86- 07.87	111054	12 1.1
		08.86- 07.87	112746	14 80	08.86- 07.90	110160 12 1.2
440 1.6	[B16F]	09.88-	111321	14 70	09.88-	111251 12 1.1
440 1.7	[B18EP]	09.88- 08.94	111321	14 70	09.88- 08.94	110585 12 1.2
	[B18F]	08.88- 08.91	111321	14 70	08.88- 08.91	110585 12 1.2
	[B18FP]	08.89- 07.92	111321	14 70	08.89- 07.92	110585 12 1.2
	[B18KP]	09.88- 08.93	111321	14 70	09.88- 08.93	110585 12 1.2
440 1.7 Turbo	[B18FT]	08.88- 07.96	111321	14 70	08.88- 07.96	110585 12 1.2
				01.91-	111251	12 1.1
440 1.8	[B18U]	08.91- 07.96	111321	14 70	08.91- 07.96	110585 12 1.2
				09.95-	111251	12 1.1
440 1.9 TD	[D19T]	AC 07.94- 12.96	111321	14 70	07.94-	112295 12 1.7
				07.94- 12.96	110585	12 1.2
440 2.0	[B20F]	08.92- 07.95	111321	14 70	08.92- 07.95	110585 12 1.2
460 1.6	[B16F]	07.92-	111321	14 70	07.92-	111251 12 1.1
460 1.7	[B18EP]	08.89- 07.92	111321	14 70	08.89- 07.92	110585 12 1.2
				08.89- 07.92	111251	12 1.1
460 1.7 Turbo	[B18FT]	06.88- 08.95	111321	14 70	06.88- 08.95	111251 12 1.1
				08.89- 07.96	110585	12 1.2
460 1.8	[B18U]	03.90- 07.96	111321	14 70	03.90- 07.96	110585 12 1.2
				08.91- 07.96	111251	12 1.1
460 1.9 TD	[D19T]			07.94-	112295	12 1.7
				07.94- 07.96	113481	12 1.4
460 2.0	[B20F]	08.92- 12.96	111321	14 70	08.92- 12.96	110585 12 1.2
				08.92- 07.95	111251	12 1.1
480 1.7	[B18E]	04.86- 07.89	111321	14 70	08.85- 07.89	111489 12 1.4
	[B18EP]	08.89- 07.90	111321	14 70	04.86- 07.89	110585 12 1.2
	[B18F]	08.87- 07.89	111321	14 70	08.89- 07.90	110585 12 1.2
480 1.7 Turbo	[B18FT]	08.87- 07.96	111321	14 70	08.87- 07.89	110585 12 1.2
				08.87- 07.96	110585	12 1.2
				08.87- 07.96	111251	12 1.1
480 2.0	[B20F]	08.92- 09.95	111321	14 70	08.87- 07.96	110585 12 1.2
				08.92- 09.95	110585	12 1.2
				08.92- 09.95	111251	12 1.1
740 2.0	[B19ET]			12.83- 07.84	111489	12 1.4
	[B200E]			08.85- 07.91	111489	12 1.4
	[B200ET]	08.86- 08.90	112746	14 80	01.85- 12.85	111489 12 1.4
				08.86- 08.90	110160	12 1.2
	[B200F]	08.89- 07.91	112746	14 80	08.89- 07.91	111120 12 2.2
				08.89- 07.91	111489	12 1.4
	[B200K]			08.85- 07.89	111489	12 1.4
		08.86- 07.89	112746	14 80	08.86- 07.89	110160 12 1.2
740 2.3	[B230A]			08.85- 07.86	111489	12 1.4
	[B230E]			08.85- 07.88	111489	12 1.4
		08.86- 07.88	112746	14 80	08.86- 07.88	111120 12 2.2
	[B230F]			08.85- 07.90	111489	12 1.4
		06.86- 12.89	112746	14 80	06.86- 12.89	111120 12 2.2
				08.86- 07.90	111054	12 1.1
				09.85- 12.89	110160	12 1.2



	[B230K]	06.86- 07.90	112746	14 80	09.85- 07.90	111489	12 1.4	
					06.86- 07.90	111120	12 2.2	
					08.86- 07.88	111054	12 1.1	
	[B234F]				08.87- 07.89	111489	12 1.4	
	[B23A]	08.86- 07.90	112746	14 80	08.86- 07.90	111120	12 2.2	
740 2.3 16V	[B234F]				08.88- 07.90	111489	12 1.4	
740 2.3 i	[B234F]				07.89- 08.92	111489	12 1.4	
740 2.3 Turbo	[B230ET]				08.85- 07.88	111489	12 1.4	
	[B230FT]				08.86- 07.89	111489	12 1.4	
	[B230GT]				08.89- 07.90	111489	12 1.4	
740 2.4 Diesel	[D24]	04.84- 07.84	110881	14 55	04.84- 07.84	111112	12 2.0	
740 2.4 TD	[D24T]	09.85- 07.92	110881	14 55	09.85- 07.92	111112	12 2.0	
	[D24TIC]	08.86- 10.88	112746	14 80	08.86- 10.88	110160	12 1.2	
740 2.4 TD Intercooler	[D24TIC]	08.86- 07.88	110881	14 55	08.86- 07.88	111112	12 2.0	
760 2.3	[B230FT]				08.85- 07.92	111489	12 1.4	
760 2.3 Turbo	[B230ET]				08.84- 07.92	111489	12 1.4	
760 2.4 Diesel	[D24]	01.82- 07.92	110881	14 55	01.82- 07.92	111120	12 2.2	
760 2.4 TD	[D24T]	08.82- 07.84	110881	14 55	08.82- 07.84	111120	12 2.2	
		08.87- 07.92	110881	14 55	08.87- 07.92	111120	12 2.2	
	[D24TIC]	08.87- 07.92	112746	14 80	08.87- 07.92	111054	12 1.1	
780 2.4 Diesel	[D24TIC]				04.86- 07.90	111120	12 2.2	
850 2.0	[B5202S]	08.94- 12.96	112557	14 120	08.94- 12.96	112818	12 1.4	
	[B5204F]	06.91- 12.96	112557	14 120	06.91- 12.96	112818	12 1.4	
850 2.0 Turbo	[B5204FT]	01.94- 08.96	112557	14 120	01.94- 08.96	112818	12 1.4	
	[B5204T]	02.93- 12.96	112557	14 120	02.93- 12.96	112818	12 1.4	
		02.93- 12.96	112557	14 120	02.93- 12.96	112818	12 1.4	
850 2.3 T5	[B5234FT]	02.93- 12.96	112557	14 120	02.93- 12.96	112818	12 1.4	
850 2.3 T5R	[B5234T4]	09.94- 08.97	112557	14 120	09.94- 08.97	112818	12 1.4	
850 2.5	[B5252]	08.92- 07.94	112557	14 120	08.92- 07.94	112818	12 1.4	
	[B5252FS]	08.94- 12.96	112557	14 120	08.94- 12.96	112818	12 1.4	
	[B5254T]	04.96- 12.96	112557	14 120	04.96- 12.96	112818	12 1.4	
850 2.5 10V	[B5252]	06.91- 07.94	112557	14 120	06.91- 07.94	112818	12 1.4	
	[B5252S]	08.94- 12.96	112557	14 120	08.94- 12.96	112818	12 1.4	
850 2.5 20V	[B5254S]	08.91- 12.96	112557	14 120	08.91- 12.96	112818	12 1.4	
940 2.0	[B200F]	AC 09.90- 08.91	112746	14 80	01.92- 07.94	111489	12 1.4	
					09.90- 08.91	111120	12 2.2	
940 2.0 Turbo	[B200FT]	04.96- 10.98	112746	14 80	04.96- 10.98	110160	12 1.2	
					04.96- 09.98	111489	12 1.4	
940 2.3	[B230FB]				08.90- 12.94	111489	12 1.4	
	[B230FD]				08.92- 07.94	110160	12 1.2	
					08.92- 07.94	111489	12 1.4	
		08.94- 07.95	112746	14 80	08.94- 07.95	111120	12 2.2	
	[B230G]				08.90- 12.94	111489	12 1.4	
	[B234F]				08.88- 07.91	110160	12 1.2	
940 2.3 Turbo					08.88- 07.91	111489	12 1.4	
	[B230FK]				01.95- 08.97	110160	12 1.2	
					01.95- 08.97	111489	12 1.4	
	[B230FT]	08.94- 10.98	112746	14 80	08.90- 08.97	110160	12 1.2	
940 2.4 Diesel					08.90- 08.97	111489	12 1.4	
	[D24]	08.90- 07.95	112746	14 80	08.90- 07.95	110160	12 1.2	
					08.90- 12.94	111120	12 2.2	
940 2.4 TD	[D24T]	08.90- 08.91	112746	14 80	08.90- 08.91	111120	12 2.2	
940 2.4 TD Intercooler	[D24TIC]	08.90- 08.91	112746	14 80	08.90- 08.91	111120	12 2.2	
960 2.9	[B6304F]	08.90- 07.94	112557	14 120	08.90- 07.94	111120	12 2.2	
	[B6304G]	08.90- 07.94	112557	14 120				
960 2.5 24V	[B6254S]	08.94- 08.97	112557	14 120	08.94- 08.97	111489	12 1.4	
960 2.9	[B6304F]	08.90- 08.97	112557	14 120	08.90- 08.97	111120	12 2.2	
	[B6304S]	08.90- 08.97	112557	14 120	08.90- 08.97	111489	12 1.4	
	[B6304S]	08.95- 08.97	112557	14 120	08.95- 08.97	111489	12 1.4	
66 DL 1.1	[B11]	10.75- 11.79	110899	14 33				
66 GL 1.3	[B130]	10.75- 11.79	110899	14 33				
C30 1.6 Diesel	[D4162T]	10.10-	114724	14 150	10.10-	113911	12 2.2	A49
	[D4164T]	10.06-	113849	14 150 A49	10.06-	113303	12 2.2	
		10.06-	113922	14 120	10.06-	113906	12 1.2	
		10.06-	115460	14 160	10.06-	115588	12 2.2	
C30 1.6		10.06-	116294	14 150	10.06-	115641	12 1.4	
	[B4164S3]	10.06-	113849	14 150 A49	10.06-	111906	12 1.1	
		10.06-	115601	14 120	10.06-	115588	12 2.2	
		10.06-	116294	14 150	10.06-	115641	12 1.4	
C30 1.8 Flexfuel	[B4184S8]	01.07-	113978	14 120	01.07-	113906	12 1.2	
		01.07-	114083	14 150	01.07-	113908	12 1.2	A49
C30 2.0 Diesel	[D4204T]	10.06-	113849	14 150 A49	10.06-	113303	12 2.2	
		10.06-	113922	14 120	10.06-	113906	12 1.2	
		10.06-	115460	14 160	10.06-	115588	12 2.2	
		10.06-	116294	14 150	10.06-	115641	12 1.4	
	[D5204T]	10.10-	115412	14 180	10.10-	115588	12 2.2	
		10.10-	115606	14 150	10.10-	116051	12 2.2	A49
C30 2.0	[D5204T5]	10.10-	115606	14 150	10.10-	115769	12 2.3	
	[B4204S3]	10.06-	113849	14 150 A49	10.06-	113303	12 2.2	
		10.06-	116294	14 150				
C30 2.4 Diesel D5	[D5244T13]	10.06-	115606	14 150	10.06-	116051	12 2.2	A49
	[D5244T8]	10.06-	115606	14 150	10.06-	116483	12 2.2	
	[D5244T9]	10.06-	115606	14 150	10.06-	116062	12 1.2	
C30 2.4 i	[B5244S4]	10.06-	115606	14 150	10.06-	116157	12 2.2	
C30 2.5 Turbo T5	[B5244T3]	10.06-	115606	14 150	10.06-	115588	12 2.2	
	[B5254T7]	03.07-	115606	14 150	03.07-	116483	12 2.2	
C70 2.0 Diesel	[D4204T]	01.08-	113849	14 150 A49	01.08-	113303	12 2.2	
		01.08-	113922	14 120	01.08-	115641	12 1.4	
		01.08-	116294	14 150				
	[D5204T]	10.10-	115412	14 180	10.10-	114315	12 1.4	
		10.10-	115434	14 150				
	[D5204T5]	10.10-	115412	14 180	10.10-	114315	12 1.4	
C70 2.0 20V	[B5204T2]	03.98-	112072	14 120	03.98-	112818	12 1.4	
C70 2.0 Turbo	[B5204T3]	08.98-	112072	14 120	08.98-	112818	12 1.4	
	[B5204T4]	03.00- 09.02	112072	14 120	03.00- 09.02	112818	12 1.4	
C70 2.3 T5	[B5234T3]	09.98-	112072	14 120	09.98-	112818	12 1.4	
	[B5234T9]	08.02-	112072	14 120	08.02-	112818	12 1.4	
C70 2.4 Diesel D5	[D5244T13]	03.06-	115606	14 150	03.06-	115641	12 1.4	
	[D5244T8]	03.06-	115606	14 150	03.06-	116157	12 2.2	
C70 2.4 Diesel	[D5244T9]	03.07-	115606	14 150	03.07-	116051	12 2.2	A49



VOLVO Continued

C70 2.4	[B5244S5]	03.06-	114810	14	150	03.06-	113911	12	2.2	A49
		03.06-	115606	14	150	03.06-	114315	12	1.4	
C70 2.4 i	[B5244S4]	03.06-	114810	14	150	03.06-	115588	12	2.2	
		03.06-	115606	14	150	03.06-	116483	12	2.2	
C70 2.4 Turbo	[B5244T7]	08.02-	112072	14	120	08.02-	112818	12	1.4	
C70 2.5	[B5244S]	03.99- 07.00	112072	14	120	03.99- 07.00	112818	12	1.4	
	[B5254S]	06.98-	112072	14	120	06.98-	112818	12	1.4	
C70 2.5 T5	[D5254T3]	03.06-	114810	14	150	03.06-	115588	12	2.2	
		03.06-	115606	14	150	03.06-	116483	12	2.2	
						03.06-	115641	12	1.4	
C70 2.5 Turbo	[B5244T]	03.98-	112072	14	120	03.98-	113303	12	2.2	
	[B5254T]	09.98-	112072	14	120	09.98-	112818	12	1.4	
C70 2.5 Turbo T5	[B5254T7]	03.07-	115606	14	150	03.07-	116051	12	2.2	A49
						03.07-	115641	12	1.4	
P 121 1.8	[B18]					02.67- 05.71	111054	12	1.1	
P 121 2.0	[B20A]					11.68- 05.71	111054	12	1.1	
P 122 S 1.8 Amazon	[B18]					09.66- 05.71	111054	12	1.1	
	[B18D]					02.67- 05.71	111054	12	1.1	
P 122 S 2.0 Amazon	[B20B]					11.68- 05.71	111054	12	1.1	
P 140 1.8	[B18A]					08.66- 07.68	111054	12	1.1	
P 140 2.0	[B20A]					08.68- 07.74	111054	12	1.1	
	[B20D]					08.71- 07.72	111054	12	1.1	
	[B20E]					09.70- 04.75	111054	12	1.1	
P 140 S 1.8	[B18B]					07.67- 01.72	111054	12	1.1	
P 140 S 2.0	[B20B]					11.68- 09.72	111054	12	1.1	
	[B20F]					09.72- 08.75	111054	12	1.1	
P 145 2.0	[B20B]					08.72- 07.73	111054	12	1.1	
	[B20E]					08.72- 07.73	111054	12	1.1	
	[B20F]					09.73- 02.75	111054	12	1.1	
P 145 S 2.0	[B20A]					08.68- 07.74	111054	12	1.1	
P 1800 1.8						04.62- 05.70	111054	12	1.1	
P 1800 ES 2.0	[B20E]					08.70- 07.73	111054	12	1.1	
S40 1.6 Diesel	[D4164T]	01.05-	113849	14	150	01.05-	114315	12	1.4	A49
		01.05-	113922	14	120	01.05-	116157	12	2.2	
		01.05-	115460	14	160					
		01.05-	116294	14	150					
S40 1.6	[B4164S]	09.95- 08.99	112557	14	120	09.95- 08.99	112474	12	1.8	
	[B4164S2]	03.99- 12.03	112557	14	120	03.99- 12.03	112295	12	1.7	
		03.99- 12.03	113272	14	140	03.99- 12.03	113911	12	2.2	
	[B4164S3]	01.05-	115601	14	120					
S40 1.8 LPG	[B4184S9]	03.99-	112072	14	120	AT 03.99-	112818	12	1.4	
		03.99-	112557	14	120	03.99-	112295	12	1.7	
S40 1.8	[B4184S]	07.95- 08.99	112557	14	120	07.95- 08.99	112818	12	1.4	
	[B4184S11]	04.04-	114083	14	150	04.04-	116051	12	2.2	A49
S40 1.8 Flexfuel	[B4184S8]	01.06-	113978	14	120	01.06-	116051	12	2.2	A49
		01.06-	114083	14	150	01.06-	115641	12	1.4	
S40 1.9 Diesel Di	[D4192T2]	03.99- 07.00	113248	14	120	03.99- 07.00	113906	12	1.2	
	[D4192T3]	07.00- 12.03	112471	14	125	AT 07.00- 12.03	112818	12	1.4	
		07.00- 12.03	113248	14	120	07.00- 12.03	113906	12	1.2	
	Eng. -36180	07.00- 12.03	112679	14	110	07.00- 12.03	113303	12	2.2	
	[D4192T4]	07.00- 12.03	112471	14	125	07.00- 12.03	112818	12	1.4	
		07.00- 12.03	113248	14	120	07.00- 12.03	113906	12	1.2	
	Eng. -36180	07.00- 12.03	112679	14	110	07.00- 12.03	111906	12	1.1	
S40 1.9 TD	[D4192T]	07.95- 08.99	111719	14	120	AT 07.95- 08.99	112818	12	1.4	
		07.95- 08.99	112458	14	120					
		07.95- 08.99	112679	14	110	07.95- 08.99	112295	12	1.7	
		07.95- 08.99	113248	14	120	07.95- 08.99	113906	12	1.2	
S40 1.9 T4	[B4194T2]	05.97- 07.00	113272	14	140	05.97- 07.00	114315	12	1.4	
S40 2.0 Diesel	[D4204T]	01.04-	113849	14	150	01.04-	114315	12	1.4	A49
		01.04-	113922	14	120	01.04-	116483	12	2.2	
		01.04-	116294	14	150					
S40 2.0 Diesel D3	[D5204T5]	10.10-	115434	14	150					
		10.10-	115606	14	150					
S40 2.0 Diesel D4	[D5204T]	10.10-	115434	14	150					
		10.10-	115606	14	150					
S40 2.0	[B4204S]	07.95- 08.99	112557	14	120	07.95- 08.99	112474	12	1.8	
	[B4204S3]	10.06-	113978	14	120	10.06-	116062	12	1.2	
		10.06-	114083	14	150	10.06-	115769	12	2.3	
S40 2.0 16V	[B4204S]	07.95- 12.03	112557	14	120	07.95- 12.03	112818	12	1.4	
		07.95- 12.03	113272	14	140	07.95- 12.03	113908	12	1.2	A49
	[B4204S2]	07.95- 12.03	112557	14	120	07.95- 12.03	112295	12	1.7	
	Chas. 964075-	07.95- 12.03	113272	14	140	07.95- 12.03	114315	12	1.4	
	Chas. 415000-964074	07.95- 12.03	112072	14	120	AT 07.95- 12.03	112818	12	1.4	
S40 2.0 Turbo	[B4204T]	04.98- 07.99	113272	14	140	04.98- 07.99	113911	12	2.2	A49
	[B4204T2]	Chas. 964075-	08.00- 01.04	113272	14	140	08.00- 01.04	115588	12	2.2
		Chas. -964074	08.00- 01.04	112072	14	120	AT 08.00- 01.04	112818	12	1.4
	[B4204T3]	07.00- 06.01	112072	14	120	AT 07.00- 06.01	112818	12	1.4	
		07.00- 06.01	113272	14	140	07.00- 06.01	114315	12	1.4	
S40 2.0 Turbo T4	[B4204T5]	Chas. 964075-	07.00- 12.03	113272	14	140	07.00- 12.03	115588	12	2.2
S40 2.2 CDi	[D4204T2]	07.05- 12.06	113849	14	150	07.05- 12.06	116483	12	2.2	A49
		07.05- 12.06	113922	14	120	07.05- 12.06	116157	12	2.2	
		07.05- 12.06	116294	14	150					
S40 2.4 CDi	[D5244T9]	03.07- 12.10	114810	14	150	03.07- 12.10	115641	12	1.4	
		03.07- 12.10	115606	14	150					
S40 2.4	[B5244S4]	01.04-	114810	14	150	01.04-	115641	12	1.4	
		01.04-	115606	14	150					
		01.04-	115700	14	150					
	[B5244S5]	01.04-	114810	14	150	01.04-	115641	12	1.4	
		01.04-	115606	14	150					
		01.04-	115700	14	150					
S40 2.5 T5	[B5254T3]	01.04-	114810	14	150	01.04-	115641	12	1.4	
		01.04-	115606	14	150					
		01.04-	115700	14	150					
S40 2.5 T5 AWD	[B5254T3]	04.04-	114810	14	150	04.04-	115641	12	1.4	
		04.04-	115606	14	150					
		04.04-	115700	14	150					
S40 2.5 Turbo T5	[B5254T7]	03.07-	115606	14	150					
S40 2.5 Turbo T5 AWD	[B5254T7]	03.07-	115606	14	150					
S60 1.5 T3	[B4154T4]	03.15-	116290	14	210					



S60 1.6	[B4164T2]	04.11-	116480	14	180				
		04.11- 12.15	116723	14	180				
S60 1.6 Diesel	[D4162T]	01.11-	116480	14	180				
S60 1.6 T3	[B4164T3]	04.10- 12.15	116723	14	180				
S60 1.6 T4	[B4164T]	04.10- 12.15	116723	14	180				
S60 2.0 D3	[D5204T7]	05.12-	115412	14	180	05.12-	116483	12	2.2
		05.12-	115434	14	150	05.12-	116682	12	1.4
		05.12-	115521	14	150	05.12-	115641	12	1.4
S60 2.0 D4	[D5204T3]	05.12-	115412	14	180	05.12-	116483	12	2.2
		05.12-	115434	14	150	05.12-	116682	12	1.4
		05.12-	115521	14	150	05.12-	115641	12	1.4
S60 2.0 Diesel D2	[D4204T20]	03.15-	116290	14	210				
S60 2.0 Diesel D3	[D4204T9]	03.15-	116290	14	210				
	[D5204T2]	04.10- 04.12	115412	14	180	04.10- 04.12	116682	12	1.4
		04.10- 04.12	115434	14	150	04.10- 04.12	115588	12	2.2
	[D5204T3]	04.10- 04.12	115412	14	180	04.10- 04.12	116483	12	2.2
		04.10- 04.12	115434	14	150	04.10- 04.12	116682	12	1.4
S60 2.0 Diesel D4	[D4204T14]	03.15-	116290	14	210				
S60 2.0 Diesel D5	[D4204T11]	03.15-	116290	14	210				
S60 2.0	[B4204T11]	09.13-	116683	14	215				
S60 2.0 T3	[B4204T37]	03.15-	116683	14	215				
S60 2.0 T5	[B4204T26]	02.19-	116683	14	215				
	[B4204T7]	04.10-	115908	14	150				
S60 2.0 T5 DRiVe	[B4204T7]	09.14- 12.15	115908	14	150				
S60 2.0 Turbo	[B4204T6]	04.10-	115908	14	150	04.10-	115641	12	1.4
	[B5204T5]	09.01-	112072	14	120	09.01-	112434	12	2.0
		09.01-	113272	14	140	09.01-	113906	12	1.2
		09.01-	115708	14	160 A49	09.01-	116049	12	1.4
		09.01-	115709	14	160	09.01-	115641	12	1.4
		09.01-	116352	14	160	09.01-	112818	12	1.4
	AT	09.01-	112078	14	120				
S60 2.0 Turbo T4	[B4204T19]	03.15-	116683	14	215				
S60 2.0 T4 Polestar	[B4204T31P]	07.19-	116683	14	215				
S60 2.0 T5 Polestar	[B4204T26P]	07.19-	116683	14	215				
S60 2.3 T5	[B5234T3]	11.00-	112072	14	120	11.00-	112434	12	2.0
		11.00-	113272	14	140	11.00-	113303	12	2.2
		11.00-	115709	14	160	11.00-	115769	12	2.3
	AT	11.00-	112078	14	120	11.00-	112818	12	1.4
S60 2.4 LPG	[B5244SG2]	06.02- 04.10	112072	14	120	Chas. 61386- 06.02- 04.10	113303	12	2.2
		06.02- 04.10	112078	14	120	06.02- 04.10	112818	12	1.4
		06.02- 04.10	114312	14	140	06.02- 04.10	115588	12	2.2
		06.02- 04.10	115708	14	160 A49	06.02- 04.10	116051	12	2.2
		06.02- 04.10	115709	14	160	06.02- 04.10	115641	12	1.4
		06.02- 04.10	116352	14	160				
S60 2.4 CDi	[D5244T3]	10.03- 12.05	113754	14	120	10.03- 12.05	115588	12	2.2
		10.03- 12.05	114312	14	140	10.03- 12.05	115641	12	1.4
		10.03- 12.05	115709	14	160				
S60 2.4 Diesel	[D5244T]	07.01-	113272	14	140	07.01-	115588	12	2.2
		07.01-	113754	14	120	07.01-	116051	12	2.2
		07.01-	115708	14	160 A49	07.01-	115641	12	1.4
		07.01-	115709	14	160				
		07.01-	116352	14	160				
	[D5244T11]	06.11-	115412	14	180	06.11-	116483	12	2.2
		06.11-	115434	14	150	06.11-	116682	12	1.4
	[D5244T15]	06.11-	115412	14	180	06.11-	116483	12	2.2
		06.11-	115434	14	150	06.11-	116682	12	1.4
	[D5244T2]	12.01-	113754	14	120	08.02- 08.04	113906	12	1.2
		12.01-	114312	14	140	12.01-	115588	12	2.2
		12.01-	115708	14	160 A49	12.01-	116049	12	1.4
		12.01-	115709	14	160	12.01-	115641	12	1.4
		12.01-	116352	14	160				
		08.02- 08.04	113272	14	140				
	[D5244T23]	04.14-	115412	14	180	04.14-	116483	12	2.2
	[D5244T5]	01.07-	115708	14	160 A49	01.07-	116051	12	2.2
		01.07-	116352	14	160				
	[D5244T7]	09.05-	115708	14	160 A49	09.05-	116051	12	2.2
		09.05-	116352	14	160				
S60 2.4 Diesel AWD	[D5244T21]	03.15-	115412	14	180	03.15-	116265	12	2.2
S60 2.4 Diesel D5	[D5244T10]	04.10-	115412	14	180	04.10-	116682	12	1.4
		04.10-	115434	14	150	04.10-	115588	12	2.2
	[D5244T4]	09.05-	115708	14	160 A49	09.05-	116051	12	2.2
		09.05-	116352	14	160				
S60 2.4 Diesel D5 AWD	[D5244T10]	04.10-	115412	14	180	04.10-	116483	12	2.2
		04.10-	115434	14	150	04.10-	114746	12	1.4
	[D5244T11]	06.11-	115412	14	180	06.11-	116483	12	2.2
		06.11-	115434	14	150	06.11-	116682	12	1.4
	[D5244T15]	06.11-	115412	14	180	06.11-	116483	12	2.2
		06.11-	115434	14	150	06.11-	116682	12	1.4
[D5244T23]		04.14-	115412	14	180	04.14-	116483	12	2.2
S60 2.4	[B5244S]	11.00-	112072	14	120	11.00-	112818	12	1.4
		11.00-	113272	14	140	11.00-	113303	12	2.2
		11.00-	115708	14	160 A49	AT 11.00-	116265	12	2.2
		11.00-	115709	14	160	11.00-	116051	12	2.2
		11.00-	116352	14	160				
	AT	11.00-	112078	14	120				
	[B5244S2]	11.00-	112072	14	120	Chas. 61386- 11.00-	112818	12	1.4
		11.00-	113272	14	140	11.00-	113303	12	2.2
		11.00-	115708	14	160 A49	11.00-	116265	12	2.2
		11.00-	115709	14	160	11.00-	116051	12	2.2
		11.00-	116352	14	160				
	AT	11.00-	112078	14	120				
S60 2.4 T5	[B5244T5]	04.04- 08.04	113272	14	140	04.04- 08.04	115588	12	2.2
		04.04-	115708	14	160 A49	04.04-	116051	12	2.2
		04.04-	115709	14	160	04.04-	115641	12	1.4
		04.04-	116352	14	160				
S60 2.4 Turbo	[B5244T3]	11.00-	112072	14	120	Stelnr. -61385 11.00-	112434	12	2.0
		11.00-	113272	14	140	11.00-	113303	12	2.2
		11.00-	115709	14	160	11.00-	116051	12	2.2
	AT	11.00-	112078	14	120	11.00-	112818	12	1.4



VOLVO Continued

S60 2.4 Turbo AWD	[B5244T3]	11.01- 07.02	112072	14 120	11.01- 07.02	112434	12 2.0
		11.01- 07.02	112078	14 120	11.01- 07.02	112818	12 1.4
		11.01-	113272	14 140	11.01-	113303	12 2.2
		11.01-	115709	14 160	11.01-	115641	12 1.4
S60 2.4 BiFuel	[B5244SG]	06.02- 08.04	112072	14 120	06.02- 08.04	112434	12 2.0
		06.02-	112078	14 120	06.02-	112818	12 1.4
		06.02-	113272	14 140	06.02-	113906	12 1.2
		06.02-	115708	14 160 A49	06.02-	116049	12 1.4 A49
		06.02-	115709	14 160	06.02-	115641	12 1.4
		06.02-	116352	14 160			
S60 2.5 T5 AWD	[B5254T12]	08.15-	115412	14 180	08.15-	116483	12 2.2
		08.15-	115521	14 150	08.15-	115641	12 1.4
	[B5254T14]	03.15-	115412	14 180	03.15-	116265	12 2.2
		03.15-	115434	14 150	03.15-	116682	12 1.4
S60 2.5 Turbo	[B5254T2]	02.04-	115708	14 160 A49	02.04-	116051	12 2.2 A49
		02.04-	115709	14 160	02.04-	115641	12 1.4
		02.04-	116352	14 160			
		04.04- 08.04	113272	14 140	04.04- 08.04	115588	12 2.2
S60 2.5 Turbo AWD	[B5254T2]	04.04- 08.04	113272	14 140			
		04.04-	114312	14 140			
		04.04-	115708	14 160 A49	04.04-	116051	12 2.2 A49
		04.04-	115709	14 160	04.04-	115641	12 1.4
S60 2.5 Turbo	[B5254T14]	04.04-	116352	14 160			
S60 2.5 Turbo	[B5254T14]	01.13- 01.16	115412	14 180	01.13- 01.16	116265	12 2.2
		01.13- 01.16	115434	14 150	01.13- 01.16	116682	12 1.4
S60 3.0 T6 4x4	[B6304T4]	04.10-	115966	14 150			
S60 R 2.5 Turbo AWD	[B5254T4]	03.03- 08.04	112072	14 120	03.03- 08.04	115641	12 1.4
		03.03- 08.04	112078	14 120	03.03- 08.04	112818	12 1.4
		03.03- 08.04	113272	14 140			
		03.03-	114312	14 140			
		03.03-	115708	14 160 A49			
		03.03-	115709	14 160			
S70 2.0	[B5202FS]	01.97- 11.00	112072	14 120	01.97- 11.00	112818	12 1.4
		09.98-	112072	14 120	AT 09.98-	112818	12 1.4
		09.98- 03.00	112072	14 120	09.98- 03.00	112818	12 1.4
		01.97- 11.00	112072	14 120	01.97- 11.00	112818	12 1.4
S70 2.0 20V	[B5204T2]	01.97- 11.00	112557	14 120			
		09.98-	112072	14 120	09.98-	112818	12 1.4
S70 2.0 Turbo	[B5204T]	09.98- 03.00	112072	14 120	09.98- 03.00	112818	12 1.4
		09.98- 11.00	112072	14 120	09.98- 11.00	112818	12 1.4
S70 2.3 T5	[B5234T3]	09.98-	112072	14 120	AT 09.98-	112818	12 1.4
S70 2.3 Turbo	[B5234FT]	09.98- 11.00	112072	14 120	09.98- 11.00	112818	12 1.4
S70 2.4 Blu-Fuel	[B5244S2]	07.97- 09.00	112072	14 120	07.97- 09.00	112818	12 1.4
S70 2.4	[B5244SG]	07.97- 09.00	112072	14 120	07.97- 09.00	112818	12 1.4
	[B5244S]	09.98-	112072	14 120	AT 09.98-	112818	12 1.4
	[B5244S2]	08.99- 07.00	112072	14 120	08.99- 07.00	112818	12 1.4
S70 2.4 Turbo	[B5252FS]	09.98-	112072	14 120	AT 09.98-	112818	12 1.4
	[B5254S]	01.97- 11.00	112072	14 120	AT 01.97- 11.00	112818	12 1.4
	[GB5252S]	10.98-	112072	14 120	AT 10.98-	112818	12 1.4
S70 2.4 Turbo	[B5244T]	01.97- 11.00	112072	14 120	AT 01.97- 11.00	112818	12 1.4
S70 2.5 TDi	[D5252T]	09.98-	112072	14 120	AT 09.98-	112818	12 1.4
S70 2.5 BiFuel	[B5244SG]	01.97-	113272	14 140			
		01.97- 11.00	113754	14 120			
S70 2.5 BiFuel	[B5244SG]	07.99-	112072	14 120	07.99-	112818	12 1.4
S80 1.6	[B4164T2]	05.11-	116723	14 180			
S80 1.6 Diesel D2		01.14-	114724	14 150	01.14-	116265	12 2.2
		01.14-	116480	14 180			
S80 1.6 Diesel DRiVe	[D4162T]	06.11-	114724	14 150	06.11-	116443	12 2.0
		06.11-	116480	14 180			
S80 1.6 T4	[B4164T]	10.10-	116723	14 180			
S80 2.0	[D5204T7]	05.12-	115412	14 180			
		05.12-	115434	14 150			
		05.12-	115521	14 150			
S80 2.0 Diesel D3	[D5204T2]	01.10-	115412	14 180	01.10-	115641	12 1.4
		01.10-	115434	14 150			
	[D5204T3]	01.10-	115412	14 180			
		01.10-	115434	14 150			
S80 2.0	[B5204T4]	06.98-	112078	14 120	06.98-	112818	12 1.4
		06.98-	113272	14 140	06.98-	115588	12 2.2
S80 2.0 Drive- E	[B4204T11]	12.14-	116290	14 210			
S80 2.0 T5	[B4204T7]	10.10-	115908	14 150			
S80 2.0 Turbo	[B4204T6]	01.10-	115908	14 150			
	[B5204T3]	06.98-	112078	14 120	06.98-	112818	12 1.4
		06.98-	113272	14 140	06.98-	115588	12 2.2
	[B5204T5]	12.99-	112078	14 120	12.99-	112434	12 2.0
		12.99-	113272	14 140	12.99-	114746	12 1.4
S80 2.4 LPG	[B5244SG]	12.99- 07.06	115708	14 160 A49			
		12.99- 07.06	115709	14 160			
		12.99- 07.06	116352	14 160			
		09.01- 07.06	112072	14 120	09.01- 07.06	113303	12 2.2
		09.01- 07.06	112078	14 120	09.01- 07.06	114746	12 1.4
		09.01- 07.06	113272	14 140	09.01- 07.06	116483	12 2.2
		09.01- 07.06	114312	14 140			
		09.01- 07.06	115708	14 160 A49			
S80 2.4 BiFuel	[B5244SG2]	09.01- 07.06	115709	14 160			
		09.01- 07.06	116352	14 160			
		09.01-	112072	14 120	09.01-	113303	12 2.2
		09.01-	112078	14 120	09.01-	112818	12 1.4
		09.01-	113272	14 140	09.01-	115588	12 2.2
		09.01- 07.06	115708	14 160 A49			
S80 2.4 Diesel	[D5244T]	09.01- 07.06	115709	14 160			
		03.06-	115412	14 180			
		03.06-	115434	14 150			
	[D5244T14]	01.10-	115412	14 180	01.10-	116051	12 2.2 A49
		01.10-	115434	14 150			
S80 2.4 Diesel	[D5244T2]	10.01-	113272	14 140	10.01-	115588	12 2.2
		10.01- 07.06	113754	14 120	10.01- 07.06	116483	12 2.2
		10.01- 07.06	115709	14 160			



	[D5244T5]	03.06-03.06-	115412 115434	14 180 14 150		03.06-	116051	12 2.2	A49
S80 2.4 Diesel D5	[D5244T]	08.01-08.01- 07.06	113272 115709	14 140 14 160		08.01-	114746	12 1.4	
	[D5244T10]	01.10-01.10-	115412 115434	14 180 14 150		01.10-	115769	12 2.3	
	[D5244T11]	06.11-06.11-	115412 115434	14 180 14 150		06.11-	115641	12 1.4	
	[D5244T15]	06.11-06.11-	115412 115434	14 180 14 150		06.11-	115641	12 1.4	
	[D5244T4]	03.06-03.06-	115412 115434	14 180 14 150		03.06-	116051	12 2.2	A49
	[D5244T10]	01.10-01.10-	115412 115434	14 180 14 150		01.10-	115769	12 2.3	
S80 2.4 Diesel D5 AWD	[D5244T15]	06.11-06.11-	115412 115434	14 180 14 150		06.11-	115641	12 1.4	
	[D5244T4]	01.07-01.07-	115412 115434	14 180 14 150		01.07-	116051	12 2.2	A49
	[B5244S]	01.99-01.99- 07.06	112072 112078 113272 115709	14 120 14 120 14 140 14 160		01.99-01.99- 07.06	113303 112434 114746	12 2.2 12 2.0 12 1.4	
S80 2.4	[B5244S2]	01.99-01.99- 07.06	112072 112078 113272 115709	14 120 14 120 14 140 14 160		01.99-01.99- 07.06	113303 112818 113906	12 2.2 12 1.4 12 1.2	
	[B5244T3]	08.00-08.00- 07.03	112078 113272	14 120 14 140		08.00-08.00- 07.03	112434 114746	12 2.0 12 1.4	
	[B5244T3]	03.00-03.00- 06.00-	112078 113272 112072 115709	14 120 14 140 14 120 14 160		03.00-03.00- 06.00-	112818 115588 113303	12 1.4 12 2.2 12 2.2	
	[B5254T11]	01.10-01.10-	115412 115434	14 180 14 150		01.10-	115641	12 1.4	
S80 2.5 TDi	[D5252T]	01.99-01.99- 08.01-07.06	113272 113754	14 140 14 120		01.99-01.99- 08.01-07.06	113906 116682	12 1.2 12 1.4	
	[B5254T8]	05.08-05.08-	115412 115434	14 180 14 150		05.08-	116051	12 2.2	A49
S80 2.5 Turbo	[B5254T10]	01.10-01.10-	115412 115434	14 180 14 150		01.10-	115641	12 1.4	
	[B5254T12]	01.12-	115412	14 180					
	[B5254T14]	09.12-	115412	14 180					
	[B5254T2]	03.03-03.03- 07.06	115708 115709 116352 113272	14 160 14 160 14 160 14 140	A49	07.03-	114746	12 1.4	
	[B5254T6]	03.06-03.06-	115412 115434	14 180 14 150		03.06-	116051	12 2.2	A49
	[B5254T2]	07.03-07.03- 07.06	113272 115708 115709 116352	14 140 14 160 14 160 14 160	A49	07.03-	114746	12 1.4	
S80 2.8 T6	[B6284T]	09.98-09.98- 08.01	112078 113272	14 120 14 140		09.98-09.98- 08.01	112818 113906	12 1.4 12 1.2	
S80 2.9	[B6294S]	03.99-03.99-	112078 113272	14 120 14 140		03.99-03.99-	112818 115588	12 1.4 12 2.2	
S80 2.9 24V	[B6304S3]	09.98-09.98- 08.99	112078 113272	14 120 14 140		09.98-09.98- 08.99	112818 113906	12 1.4 12 1.2	
S80 2.9	[B6294S2]	05.98-05.98- 02.08	112072 112078 113272 114312 115709 116352	14 120 14 120 14 140 14 140 14 160 14 160		05.98-05.98- 02.08	113303 116682 116483	12 2.2 12 1.4 12 2.2	
	[B6294T]	06.01-06.01- 07.06	112072 112078 113272 114312 115709 116352	14 120 14 120 14 140 14 140 14 160 14 160		06.01-06.01- 07.06	113303 116682 116483	12 2.2 12 1.4 12 2.2	
	[B6294S2]	08.01-08.01- 08.01-	112072 112078 113272	14 120 14 120 14 140		08.01-08.01- 08.01-	113303 112818 115588	12 2.2 12 1.4 12 2.2	
	[B6294T]	06.01-06.01- 06.01-	112072 112078 113272	14 120 14 120 14 140		06.01-06.01- 06.01-	113303 112818 115588	12 2.2 12 1.4 12 2.2	
	[B6304T4]	10.10-10.10-	114756 115966	14 180 14 150		10.10-	116483	12 2.2	
S80 3.0 Turbo T6 AWD	[B6304T2]	01.07-	115966	14 150					
S80 3.2 AWD		01.09-01.09- 03.10	114756 115966	14 180 14 150		01.09-01.09- 03.10	116483	12 2.2	
	[B6324S]	03.06-	115966	14 150					
S80 3.2	[B6324S5]	01.10-	115966	14 150					
S80 3.2 AWD	[B6324S5]	01.10-	115966	14 150					
S80 4.4 V8 AWD	[B8444S]	03.06-	115753	14 180					
S90 2.0	[B4204T23]	03.16-	116683	14 215		03.16-	116682	12 1.4	
S90 2.0 T5	[B4204T26]	10.17-	116683	14 215		10.17-	116682	12 1.4	
S90 2.0 T6 AWD	[B4204T29]	10.17-	116290	14 210		10.17-	116682	12 1.4	
S90 2.9	[B6304G]	01.97-	112557	14 120		01.97-	116682	12 1.4	
	[B6304S2]	01.97-	112557	14 120		01.97-	116682	12 1.4	
S90 Esportivo 2.0 Diesel Polestar AWD	[D4204T23]	06.19-	116683	14 215		06.19-AT 06.19-	116682 116265	12 1.4 12 2.2	
	[B4204T31]	06.19-	116683	14 215		06.19-	116682	12 1.4	
S90 Esportivo 2.0 T4 Polestar	[B4154T4]	02.15-	116683	14 215					
V40 1.5	[B4154T5]	02.15-	116683	14 215					
V40 1.5	[B4154T6]	09.18-	116683	14 215					
V40 1.6 Diesel	[D4162T]	03.12-03.12-	114724 116480	14 150 14 180		03.12-	116265	12 2.2	
V40 1.6 Diesel D2/ DRIVE	[D4162T]	09.13-09.13- 12.15	114724 116480	14 150 14 180		09.13-09.13- 12.15	116088	12 2.4	



VOLVO Continued

V40 1.6	[B4164S]	12.95- 08.99	112557	14	120	12.95- 08.99	112474	12	1.8
	[B4164S2]	03.99- 06.04	112557	14	120	03.99- 06.04	112474	12	1.8
	[B4164T]	04.14-	116723	14	180				
V40 1.6 GTDi	[B4164T]	03.12-	116723	14	180				
	[B4164T3]	03.12-	116723	14	180				
V40 1.6 TDi	[B4164T4]	03.13- 12.15	116723	14	180				
V40 1.8 LPG	[B4184S9]	03.99-	112072	14	120	AT 03.99-	112818	12	1.4
		03.99-	112557	14	120	03.99-	112295	12	1.7
V40 1.8	[B4184S]	07.95- 08.99	112557	14	120	07.95- 08.99	112818	12	1.4
	[B4184S3]	07.95- 08.99	112557	14	120	07.95- 08.99	112295	12	1.7
V40 1.8 i	[B4184SJ]	06.01-	112327	14	100	AT 06.01-	112818	12	1.4
V40 1.9 Diesel Di	[D4192T2]	03.99- 07.00	113248	14	120	03.99- 07.00	116682	12	1.4
	[D4192T3]	07.00-	112471	14	125	AT 07.00-	112818	12	1.4
	Eng. -36180	07.00- 06.04	113248	14	120	07.00- 06.04	116682	12	1.4
		07.00-	112679	14	110				
	[D4192T4]	07.00-	112471	14	125	AT 07.00-	112818	12	1.4
		07.00- 06.04	113248	14	120	07.00- 06.04	116682	12	1.4
		07.00-	112679	14	110	07.00-	112295	12	1.7
V40 1.9 TD	[D4192T]	07.95- 08.99	111719	14	120	AT 07.95- 08.99	112818	12	1.4
		07.95- 08.99	112458	14	120	07.95- 08.99	116682	12	1.4
		07.95- 08.99	112679	14	110	07.95- 08.99	112295	12	1.7
		07.95- 08.99	113248	14	120				
V40 2.0 Diesel	[D4204T8]	02.15-	116290	14	210	02.15-	115769	12	2.3
	[D4204T9]	04.15-	116290	14	210	04.15-	115769	12	2.3
V40 2.0 Diesel D3	[D5204T6]	09.13- 12.15	115606	14	150	09.13- 12.15	116051	12	2.2
V40 2.0 Diesel D4	[D5204T4]	09.13- 12.14	115606	14	150	09.13- 12.14	116051	12	2.2
V40 2.0	[B4204T37]	02.15-	116683	14	215				
	[B4204T38]	02.15-	116683	14	215				
	[B5204T8]	07.13-	115606	14	150	07.13-	116051	12	2.2
V40 2.0 4x4	[B5204T9]	03.13-	115606	14	150	03.13-	116051	12	2.2 A49
V40 2.0 T5	[B4204T11]	05.14-	116683	14	215				
V40 2.0 T5 AWD	[B4204T11]	05.14-	116683	14	215				
V40 2.0 16V	[B4204S]	07.95- 06.04	112072	14	120	AT 07.95- 06.04	112818	12	1.4
	[B4204S2]	07.95- 06.04	113272	14	140	07.95- 06.04	116265	12	2.2
		Chas. 964075-	113272	14	140	07.95- 04.04	116682	12	1.4
	Chas. 415000-964074	07.95- 04.04	112072	14	120	AT 07.95- 04.04	112818	12	1.4
		10.97- 07.00	112072	14	120	AT 10.97- 07.00	112818	12	1.4
V40 2.0 Turbo 16V	[B4204T]	10.97- 07.00	113272	14	140	10.97- 07.00	116483	12	2.2
		07.00- 06.01	112072	14	120	AT 07.00- 06.01	112818	12	1.4
	[B4204T3]	06.01-	113272	14	140	06.01-	116483	12	2.2
		Chas. - 964074	112072	14	120	AT 08.00- 04.04	112818	12	1.4
V40 2.0 Turbo T4	[B4204T5]	07.00-	112072	14	120	AT 07.00-	112818	12	1.4
		07.00-	113272	14	140	07.00-	116483	12	2.2
	[B5254T12]	01.13-	115606	14	150	01.13-	116088	12	2.4
V50 1.6 Diesel	[D4164T]	01.05-	113849	14	150 A49	01.05-	111906	12	1.1
		01.05-	113922	14	120	01.05-	113906	12	1.2
		01.05-	115460	14	160	01.05-	116157	12	2.2
		01.05-	116294	14	150	03.05-	113303	12	2.2
V50 1.6	[B4164S3]	01.05-	115601	14	120	01.05-	116062	12	1.2
V50 1.8	[B4184S11]	04.04-	114083	14	150	04.04-	113911	12	2.2 A49
V50 1.8 FlexFuel	[B4184S8]	01.05-	113978	14	120	01.05-	113911	12	2.2 A49
		01.05-	114083	14	150	01.05-	115588	12	2.2
V50 1.8 Bifuel BiFuel	[B4184S8]	01.09- 09.10	113978	14	120	01.09- 09.10	113911	12	2.2
		01.09- 09.10	114083	14	150	01.09- 09.10	114315	12	1.4
V50 2.0 Flexfuel	[B4204S4]	01.10-	113978	14	120	01.10-	113911	12	2.2
		01.10-	114083	14	150	01.10-	114315	12	1.4
V50 2.0 Diesel	[D4204T]	04.04-	113849	14	150 A49	04.04-	113303	12	2.2
		04.04-	113922	14	120	04.04-	113906	12	1.2
		04.04-	116294	14	150				
V50 2.0 Diesel D3	[D5204T5]	10.10-	115434	14	150	10.10-	116157	12	2.2
		10.10-	115606	14	150	10.10-	115641	12	1.4
V50 2.0 Diesel D4	[D4204T2]	07.05- 12.06	113849	14	150	07.05- 12.06	113906	12	1.2
		07.05- 12.06	113922	14	120	07.05- 12.06	113908	12	1.2 A49
		07.05- 12.06	116294	14	150				
	[D5204T]	10.10-	115434	14	150	10.10-	116157	12	2.2
		10.10-	115606	14	150	10.10-	115641	12	1.4
V50 2.0	[B4204S3]	10.06-	113978	14	120	10.06-	113908	12	1.2
		10.06-	114083	14	150	10.06-	115588	12	2.2
V50 2.2 CDi	[D4204T2]	12.03- 12.06	113849	14	150 A49	12.03- 12.06	113303	12	2.2
		12.03- 12.06	113922	14	120	12.03- 12.06	113906	12	1.2
		12.03- 12.06	116294	14	150				
V50 2.4 Diesel	[D5244T13]	03.06-	114810	14	150	03.06-	116157	12	2.2
		03.06-	115606	14	150	03.06-	115641	12	1.4
	[D5244T8]	03.06-	114810	14	150	03.06-	116483	12	2.2
		03.06-	115606	14	150	A25 03.06-	115769	12	2.3
V50 2.4 TDi	[D5244T9]	05.07- 12.10	114810	14	150	05.07- 12.10	114315	12	1.4
		05.07- 12.10	115606	14	150	05.07- 12.10	116062	12	1.2
V50 2.4	[B5244S4]	04.04-	114810	14	150	04.04-	114315	12	1.4
		04.04-	115606	14	150	04.04-	116051	12	2.2 A49
		04.04-	115700	14	150				
	[B5244S5]	04.04-	114810	14	150	04.04-	114315	12	1.4
		04.04-	115606	14	150	04.04-	116051	12	2.2 A49
V50 2.5 T5	[B5254T3]	04.04-	114810	14	150	04.04-	114315	12	1.4
		04.04-	115700	14	150				
V50 2.5 T5 AWD	[B5254T3]	04.04-	114810	14	150	04.04-	116483	12	2.2
		04.04-	115700	14	150				
V50 2.5 Turbo T5	[B5254T7]	03.07-	115606	14	150	03.07-	115641	12	1.4
V50 2.5 Turbo T5 AWD	[B5254T7]	03.07-	115606	14	150	03.07-	115641	12	1.4
V60 1.5	[B4154T4]	03.15-	116290	14	210	03.15-	116483	12	2.2
V60 1.6	[B4164T2]	04.11-	116480	14	180	04.11-	116265	12	2.2
		04.11- 12.15	116723	14	180				
						04.11-	116049	12	1.4 A49
V60 1.6 Diesel DRiVe	[D4162T]	06.11-	116480	14	180	06.11-	116265	12	2.2
		09.13- 12.15	114724	14	150	06.11-	115769	12	2.3
						09.13- 12.15	113906	12	1.2
V60 1.6 T3	[B4164T3]	09.10- 12.15	116723	14	180	09.10- 12.15	116265	12	2.2
						09.10-	116049	12	1.4 A49



V60 1.6 T4	[B4164T]	09.10- 12.15	116723	14 180	09.10- 12.15	116265	12 2.2	
					09.10-	116049	12 1.4	A49
V60 2.0 AWD	[D4204T14]	09.18-	116290	14 210	09.18-	116265	12 2.2	
V60 2.0 D3	[D5204T7]	12.12-	115412	14 180	12.12-	114746	12 1.4	
		12.12-	115434	14 150	12.12-	115588	12 2.2	
		12.12-	115521	14 150	12.12-	116483	12 2.2	
					AT and Start/Stop	12.12-	116088	12 2.4
						12.12-	116051	12 2.2 A49
V60 2.0 D4 AWD	[D4204T14]	02.18-	116290	14 210	02.18-	116265	12 2.2	
V60 2.0 Diesel	[D4204T11]	03.15-	116290	14 210	03.15-	116483	12 2.2	
	[D4204T14]	02.18-	116290	14 210	02.18-	116265	12 2.2	
	[D4204T16]	02.18-	116290	14 210	02.18-	116265	12 2.2	
V60 2.0 Diesel D2	[D4204T20]	03.15-	116290	14 210	03.15-	116483	12 2.2	
V60 2.0 Diesel D3	[D4204T4]	03.15-	116290	14 210	03.15-	116483	12 2.2	
	[D4204T9]	03.15-	116290	14 210	03.15-	116483	12 2.2	
	[D5204T2]	09.10-	115412	14 180	09.10-	115588	12 2.2	
		09.10-	115521	14 150	09.10-	116682	12 1.4	
					09.10-	116051	12 2.2	A49
	[D5204T3]	09.10-	115412	14 180	09.10-	116682	12 1.4	
		09.10-	115521	14 150	09.10-	116483	12 2.2	
					AT and Start/Stop	09.10-	116088	12 2.4
						09.10-	116051	12 2.2 A49
V60 2.0 Diesel D4	[D4204T14]	03.15-	116290	14 210	03.15-	116483	12 2.2	
	[D5204T3]	09.13- 12.15	115412	14 180	09.13- 12.15	116682	12 1.4	
		09.13- 12.15	115434	14 150	09.13- 12.15	115588	12 2.2	
		09.13- 12.15	115521	14 150	09.13- 12.15	116483	12 2.2	
					AT and Start/Stop	09.13- 12.15	116088	12 2.4
						09.13- 12.15	116051	12 2.2
V60 2.0	[B4204T11]	10.13-	116683	14 215	AT	10.13-	116265	12 2.2
	[B4204T26]	02.18-	116683	14 215	AT and Start/Stop	02.18-	116088	12 2.4
	[B4204T37]	03.15-	116290	14 210		03.15-	116483	12 2.2
	[B5204T8]	01.14-	115606	14 150		01.14-	116682	12 1.4
V60 2.0 T5	[B4204T15]	01.14-	116290	14 210		01.14-	116483	12 2.2
		01.14-	116683	14 215	AT and Start/Stop	01.14-	116088	12 2.4
	[B4204T7]	09.10-	115908	14 150		09.10-	116483	12 2.2
V60 2.0 T6 AWD	[B4204T29]	02.18-	116290	14 210		02.18-	116265	12 2.2
V60 2.0 Turbo	[B4204T6]	09.10-	115908	14 150		09.10-	116483	12 2.2
V60 2.0 Turbo T4	[B4204T19]	03.15-	116683	14 215	AT	03.15-	116265	12 2.2
V60 2.0 T4 Polestar	[B4204T31P]	07.19-	116683	14 215	AT and Start/Stop	07.19-	116088	12 2.4
V60 2.0 T5 Polestar	[B4204T26P]	07.19-	116683	14 215	AT and Start/Stop	07.19-	116088	12 2.4
V60 2.0 T5 Polestar AWD	[B4204T26P]	07.19-	116683	14 215	AT and Start/Stop	07.19-	116088	12 2.4
V60 2.0 Bifuel BiFuel	[B5204T9]	03.14- 12.15	115412	14 180	03.14- 12.15	116682	12 1.4	
		03.14- 12.15	115521	14 150	03.14- 12.15	116483	12 2.2	
					03.14- 12.15	115641	12 1.4	
V60 2.4 D5	[D5244T17]	12.12-	115412	14 180	12.12-	116682	12 1.4	
		12.12-	115434	14 150	12.12-	115588	12 2.2	
		12.12-	115521	14 150	12.12-	116483	12 2.2	
					AT and Start/Stop	12.12-	116088	12 2.4
						12.12-	116051	12 2.2 A49
V60 2.4 Diesel	[D5244T23]	04.14-	115412	14 180	04.14-	116682	12 1.4	
		04.14-	115434	14 150	04.14-	115588	12 2.2	
					04.14-	116051	12 2.2	A49
V60 2.4 Diesel AWD	[D5244T11]	06.11-	115412	14 180	06.11-	114746	12 1.4	
		06.11-	115434	14 150	06.11-	115588	12 2.2	
					06.11-	116051	12 2.2	A49
	[D5244T12]	10.13-	115412	14 180	10.13-	116682	12 1.4	
		10.13-	115521	14 150	10.13-	116483	12 2.2	
					10.13-	116051	12 2.2	A49
	[D5244T15]	06.11-	115412	14 180	06.11-	114746	12 1.4	
		06.11-	115434	14 150	06.11-	115588	12 2.2	
					06.11-	116051	12 2.2	A49
V60 2.4 Diesel D4 AWD	[D5244T21]	03.15-	115412	14 180	03.15-	116682	12 1.4	
					03.15-	116051	12 2.2	
V60 2.4 Diesel D5	[D5244T10]	09.10-	115412	14 180	09.10-	115588	12 2.2	
		09.10-	115521	14 150	09.10-	116483	12 2.2	
					09.10-	116051	12 2.2	A49
	[D5244T11]	06.11-	115412	14 180	06.11-	114746	12 1.4	
		06.11-	115434	14 150	06.11-	115588	12 2.2	
					06.11-	116051	12 2.2	A49
	[D5244T15]	06.11-	115412	14 180	06.11-	115588	12 2.2	
		06.11-	115434	14 150	06.11-	113906	12 1.2	
		09.13- 12.15	115521	14 150	06.11-	116051	12 2.2	A49
					09.13- 12.15	116682	12 1.4	
					09.13- 12.15	116483	12 2.2	
					AT and Start/Stop	09.13- 12.15	116088	12 2.4
V60 2.4 Diesel D5 AWD	[D5244T10]	09.10-	115412	14 180	09.10-	115588	12 2.2	
		09.10-	115521	14 150	09.10-	116483	12 2.2	
					09.10-	116051	12 2.2	A49
	[D5244T15, D5244T23]	04.14-	115412	14 180	04.14-	116682	12 1.4	
		04.14-	115434	14 150	04.14-	115588	12 2.2	
					04.14-	116051	12 2.2	A49
V60 2.4 Hybrid AWD	[D97PHEV]				03.15-	116051	12 2.2	
V60 2.4 Hybrid D5 Hybrid AWD	[D87PHEV]				03.15-	116051	12 2.2	
V60 2.4 Hybrid	[D5244T15]				06.12-	116051	12 2.2	A49
	[D82PHEV]				06.12-	116051	12 2.2	
V60 3.0 T6 AWD	[B6304T4]	09.10-	114756	14 180	09.10-	113303	12 2.2	
		09.10-	115966	14 150	09.10-	116483	12 2.2	
V70 1.6 T4F	[B4164T2]	01.11- 12.15	116723	14 180				
V70 1.6 Diesel D5 AWD	[D4162T]	06.11-	114724	14 150	06.11-	115588	12 2.2	
		06.11-	116480	14 180				
V70 1.6 Diesel DRIVe	[D4164T]	01.10-	114724	14 150	01.10-	115588	12 2.2	
V70 1.6 D5 AWD	[B4164T]	10.10- 12.15	116723	14 180				
V70 2.0	[D5204T7]	03.10-	115412	14 180	03.10-	116088	12 2.4	
		03.10-	115434	14 150	03.10-	116483	12 2.2	
		03.10-	115521	14 150				
V70 2.0 Diesel	[D4204T]	10.07-	115365	14 150	10.07-	115588	12 2.2	
		10.07-	115671	14 180	Chass. no. 213001-	10.07-	116051	12 2.2 A49
V70 2.0 Diesel D3 DRIVe	[D5204T7]	09.13-	115412	14 180	09.13-	116049	12 1.4	A49
		09.13-	115434	14 150	09.13-	116483	12 2.2	
		09.13-	115521	14 150				



VOLVO Continued

V70 2.0 Diesel D5 AWD	[D5204T2]	03.10- 07.11	115412	14	180	A25	03.10- 07.11	116088	12	2.4	
		03.10- 07.11	115434	14	150		03.10- 07.11	116682	12	1.4	
	[D5204T3]	03.10- 07.11	115412	14	180		03.10- 07.11	116049	12	1.4	
		03.10- 07.11	115434	14	150		03.10- 07.11	116483	12	2.2	
V70 2.0	[B4204T11]	10.13-	116683	14	215						
	[B5202S]	09.98-	112072	14	120		09.98-	112818	12	1.4	
	[B5204F]	09.98- 03.00	112072	14	120		09.98- 03.00	112818	12	1.4	
	[B5204T4]	01.97- 03.00	112072	14	120		01.97- 03.00	112434	12	2.0	
	[B4204T7]	01.10-	115908	14	150						
V70 2.0 T6 AWD	[B5204T2]	11.96- 03.00	112557	14	120		11.96- 03.00	113303	12	2.2	
V70 2.0 20V	[B4204T6]	01.10-	115908	14	150						
V70 2.0 Turbo	[B5204T]	03.00- 03.00	113272	14	140		03.00- 03.00	113303	12	2.2	A49
		09.98- 03.00	112072	14	120		09.98- 03.00	112818	12	1.4	
	[B5204T3]	09.98- 08.99	112072	14	120		09.98- 08.99	112818	12	1.4	
		03.00-	112072	14	120		03.00-	112818	12	1.4	
	[B5204T5]	03.00-	113272	14	140		03.00-	113303	12	2.2	
		07.01-	115708	14	160	A49	07.01-	116051	12	2.2	
		07.01-	115709	14	160		07.01-	115641	12	1.4	
V70 2.0 Turbo AWD	[B5204T3]	07.01-	116352	14	160						
		11.96- 12.00	112557	14	120	Chass.no. -167000	11.96- 12.00	113303	12	2.2	
		09.98- 08.99	112072	14	120		09.98- 08.99	112818	12	1.4	
V70 2.3	[B5234FT]	09.98- 03.00	112072	14	120		09.98- 03.00	112818	12	1.4	
	[B5234T7]	10.00- 09.04	112072	14	120		10.00- 09.04	112434	12	2.0	
V70 2.3 T5	[B5234T3]	03.00-	112072	14	120		03.00-	112818	12	1.4	
		03.00-	113272	14	140		03.00-	113303	12	2.2	
		03.00-	115709	14	160		03.00-	115641	12	1.4	
		AT 03.00-	112078	14	120						
V70 2.3 T5 AWD	[B5234T3]	09.98-	112072	14	120		09.98-	112818	12	1.4	
V70 2.3 Turbo AWD	[B5234FT]	09.98-	112072	14	120		09.98-	112818	12	1.4	
	[B5234T4]	04.97- 03.00	112072	14	120	Chas. nr -1126989, -2116322	04.97- 03.00	112434	12	2.0	
V70 2.4 LPG	[B52445G]	09.01- 08.07	112072	14	120		09.01- 08.07	112434	12	2.0	
		09.01- 08.07	112078	14	120		09.01- 08.07	112818	12	1.4	
		09.01- 08.07	114312	14	140		09.01- 08.07	115588	12	2.2	
		09.01- 08.07	115708	14	160	A49	09.01- 08.07	115641	12	1.4	
		09.01- 08.07	115709	14	160						
		09.01- 08.07	116352	14	160						
V70 2.4	[GB5252S]	10.98-	112072	14	120		10.98-	112818	12	1.4	
V70 2.4 4x4	[D5244T17]	01.13-	115412	14	180	A25	01.13-	116088	12	2.4	
		01.13-	115434	14	150		01.13-	116483	12	2.2	
		01.13-	115521	14	150						
		03.11-	115412	14	180		03.11-	116051	12	2.2	A49
V70 2.4 D5 AWD	[D5244T15]	03.11-	115434	14	150		03.11-	116483	12	2.2	
		03.11-	115521	14	150						
		08.99-	112072	14	120		08.99-	112818	12	1.4	
		08.99-	113272	14	140		08.99-	113906	12	1.2	
V70 2.4 BiFuel	[B52445G2]	09.01-	112072	14	120		09.01-	112818	12	1.4	
		09.01-	112078	14	120		09.01-	113303	12	2.2	
		09.01-	113272	14	140		09.01-	116051	12	2.2	
		09.01-	115708	14	160	A49	09.01-	115641	12	1.4	
		09.01-	115709	14	160						
		09.01-	116352	14	160						
		12.09-	115412	14	180	A25	12.09-	116088	12	2.4	
		12.09-	115434	14	150		12.09-	114746	12	1.4	
		10.09- 07.10	115412	14	180		10.09- 07.10	116157	12	2.2	
		10.09- 07.10	115434	14	150		10.09- 07.10	114746	12	1.4	
V70 2.4 Diesel	[D5244T2]	12.01-	113272	14	140		12.01-	113303	12	2.2	A49
		12.01-	115708	14	160	A49	12.01-	116051	12	2.2	
		12.01-	115709	14	160		12.01-	115641	12	1.4	
		12.01-	116352	14	160						
	[D5244T5]	03.06-	115412	14	180		03.06-	116483	12	2.2	
		03.06-	115434	14	150		03.06-	115588	12	2.2	
	[D5244T7]	05.05-	115708	14	160	A49	05.05-	115641	12	1.4	
		05.05-	116352	14	160						
	[D5244T10]	12.09-	115412	14	180	A25	12.09-	116088	12	2.4	
		12.09-	115434	14	150		12.09-	114746	12	1.4	
V70 2.4 Diesel AWD	[D5244T12]	10.13-	115412	14	180		10.13-	116062	12	1.2	
		10.13-	115521	14	150						
		09.13-	115434	14	150		09.13-	116483	12	2.2	
		09.13-	115412	14	180	Chas. 213001-	09.13-	116051	12	2.2	
V70 2.4 Diesel D5	[D5244T]	09.13-	115521	14	150						
		08.01-	113272	14	140		08.01-	115588	12	2.2	
		08.01-	113754	14	120		08.01-	115641	12	1.4	
		08.01-	114312	14	140						
		08.01-	115708	14	160	A49					
		08.01-	115709	14	160						
		08.01-	116352	14	160						
		06.11-	115434	14	150		06.11-	116483	12	2.2	
		09.13-	115412	14	180		09.13-	116051	12	2.2	A49
		09.13-	115434	14	150		09.13-	116483	12	2.2	
		09.13-	115521	14	150						
		06.11-	115434	14	150	Chas. 213001-	06.11-	116483	12	2.2	
		05.05-	113272	14	140		05.05-	113911	12	2.2	A49
		12.05-	115708	14	160	A49	12.05-	116051	12	2.2	
		12.05-	116352	14	160		08.07-	116483	12	2.2	
		08.07-	115412	14	180		08.07-	115588	12	2.2	
		08.07-	115434	14	150						
V70 2.4 Diesel D5 AWD	[D5244T]	08.01-	113272	14	140	Chas. nr 1126989-, 2116322-	08.01-	113303	12	2.2	A49
		08.01-	115708	14	160	A49	08.01-	116051	12	2.2	
		08.01-	115709	14	160		08.01-	115641	12	1.4	
		08.01-	116352	14	160						
		03.03-	113272	14	140	Chass. no. 167001 - Chass. no. 213000	03.03-	115588	12	2.2	
		03.03-	115708	14	160	A49	03.03-	115641	12	1.4	
		03.03-	115709	14	160						
		03.03-	116352	14	160						
		06.11-	115434	14	150	Chass. no. 213001-	06.11-	116483	12	2.2	
		06.11-	115434	14	150		06.11-	116483	12	2.2	



	[D5244T2]	03.03-	113272	14 140		03.03-	115588	12 2.2	
		03.03-	115708	14 160 A49		03.03-	115641	12 1.4	
		03.03-	115709	14 160					
		03.03-	116352	14 160					
	[D5244T4]	05.05-	113272	14 140	Chas. 167001-213000	05.05-	115588	12 2.2	
		12.05-	115708	14 160 A49		12.05-	115769	12 2.3	
		10.07-	116352	14 160		10.07-	116483	12 2.2	
		10.07-	115412	14 180					
	[D5244T5]	08.02-	113272	14 140		08.02-	113906	12 1.2	
		03.03-	115708	14 160 A49		03.03-	116051	12 2.2	
		03.03-	115709	14 160					
		03.03-	116352	14 160					
V70 2.4	[B5244S]	03.00-	112072	14 120		03.00-	112818	12 1.4	
		03.00- 08.07	112557	14 120		03.00- 08.07	113303	12 2.2	
		03.00-	113272	14 140					
		03.00-	115708	14 160 A49		03.00-	116051	12 2.2 A49	
		03.00-	115709	14 160		03.00-	115641	12 1.4	
		03.00-	116352	14 160					
	AT	03.00-	112078	14 120					
		03.00-	112072	14 120		03.00-	112818	12 1.4	
		03.00-	113272	14 140		03.00-	113303	12 2.2	
		03.00-	114312	14 140		03.00-	115588	12 2.2	
		03.00-	115708	14 160 A49		03.00-	116051	12 2.2 A49	
		03.00-	115709	14 160		03.00-	115641	12 1.4	
	AT	03.00-	116352	14 160					
		03.00-	112078	14 120					
	[B5252FS]	01.97- 03.00	112557	14 120	Chas. -167000	01.97- 03.00	113303	12 2.2	
		09.98-	112072	14 120		09.98-	112818	12 1.4	
	[B5254S]	12.95- 05.00	112557	14 120		12.95- 05.00	113303	12 2.2	
		01.97- 05.00	112072	14 120					
	[GB5244SG2]	08.99- 05.00	112072	14 120		08.99- 05.00	112818	12 1.4	
V70 2.4 Turbo	[B5244T]	01.97- 03.00	112072	14 120		01.97- 03.00	112434	12 2.0	
	[B5244T3]	03.00-	112078	14 120		03.00-	112818	12 1.4	
		03.00-	113272	14 140		03.00-	113303	12 2.2	
		03.00-	115709	14 160		03.00-	115641	12 1.4	
		03.00-	112072	14 120					
	AC	09.98-	112072	14 120		09.98-	112818	12 1.4	
V70 2.4 Turbo AWD	[B5254T]	01.97- 05.00	112072	14 120		01.97- 05.00	112434	12 2.0	
	[B5244T3]	03.00-	112078	14 120		03.00-	112818	12 1.4	
		03.00-	113272	14 140		03.00-	113303	12 2.2	
		09.00-	112072	14 120					
		09.01-	115709	14 160		09.01-	115641	12 1.4	
	[B5254T]	09.98-	112072	14 120		09.98-	112818	12 1.4	
V70 2.4 Turbo T5	[B5244T5]	04.04-	112072	14 120	Chas. nr -1126989, -2116322	04.04-	112434	12 2.0	A49
		04.04-	113272	14 140		04.04-	113908	12 1.2	
		04.04-	115708	14 160 A49		04.04-	116051	12 2.2	
		04.04-	115709	14 160					
		04.04-	116352	14 160					
V70 2.5 Turbo FlexiFuel	[B5254T11]	10.09-	115412	14 180	A25	10.09-	116088	12 2.4	
		10.09-	115434	14 150		10.09-	114746	12 1.4	
V70 2.5 TDi	[D5252T]	03.00-	113272	14 140		03.00-	113303	12 2.2	
		03.00-	115709	14 160		03.00-	115641	12 1.4	
		01.97-	11828	14 120		01.97-	112818	12 1.4	
						01.97- 03.00	113906	12 1.2	
V70 2.5 AWD	[B5244T2]	03.99- 03.00	112072	14 120		03.99- 03.00	112818	12 1.4	
	[B5254T2]	09.02- 12.04	112072	14 120		09.02- 12.04	112434	12 2.0	
		09.02- 12.04	112078	14 120		09.02- 12.04	112818	12 1.4	
		09.02- 12.04	113272	14 140		09.02- 12.04	115588	12 2.2	
		09.02- 12.04	115708	14 160 A49		09.02- 12.04	115641	12 1.4	
V70 2.5 Turbo FlexFuel	[B5254T8]	05.08-	115412	14 180		05.08-	116483	12 2.2	
		05.08-	115434	14 150		05.08-	114746	12 1.4	
		01.10-	115434	14 150		01.10-	114746	12 1.4	
		04.04-	112072	14 120		04.04-	112434	12 2.0	
		04.04-	113272	14 140		04.04-	113906	12 1.2	
		04.04-	115708	14 160 A49		04.04-	116051	12 2.2	
V70 2.5 Turbo	[B5254T10] [B5254T2]	04.04-	115709	14 160					
		04.04-	116352	14 160					
		08.07-	115412	14 180		08.07-	116483	12 2.2	
		08.07-	115434	14 150		08.07-	115588	12 2.2	
		09.02-	112072	14 120		09.02-	112818	12 1.4	
		09.02-	113272	14 140		09.02-	113906	12 1.2	
V70 2.5 Turbo AWD	[B5254T2]	09.02-	115708	14 160 A49		09.02-	116051	12 2.2 A49	
		09.02-	115709	14 160		09.02-	115641	12 1.4	
		09.02-	116352	14 160					
		03.03-	112072	14 120		03.03-	112818	12 1.4	
		03.03-	113272	14 140		03.03-	113906	12 1.2	
		03.03-	115708	14 160 A49		03.03-	116051	12 2.2 A49	
V70 2.5 Turbo R AWD	[B5254T4]	03.03-	115709	14 160		03.03-	115641	12 1.4	
		03.03-	116352	14 160					
		03.03-	112072	14 120		03.03-	112818	12 1.4	
		03.03-	113272	14 140		03.03-	113906	12 1.2	
		03.03-	115708	14 160 A49		03.03-	116051	12 2.2 A49	
		03.03-	115709	14 160		03.03-	115641	12 1.4	
V70 3.0 T6 AWD	[B6304T2] [B6304T4]	08.07-	115966	14 150					
		04.11-	115966	14 150					
V70 3.2	[B6324S] [B6324S5]	08.07-	115966	14 150					
		05.11-	115966	14 150					
V70 3.2 AWD	[B6324S5]	05.11-	115966	14 150					
V90 2.0 Polestar AWD	[D4204T23]	10.16-	116290	14 210		10.16-	116682	12 1.4	
V90 2.0 Diesel D4	[D4204T7]	09.18-	116290	14 210		09.18-	116682	12 1.4	
V90 2.0 Diesel D4 AWD	[D4204T7]	09.18-	116290	14 210		09.18-	116682	12 1.4	
V90 2.0	[B4204T23]	03.16-	116683	14 215		03.16-	116265	12 2.2	
V90 2.0 4x4	[B4204T23]	03.16-	116683	14 215		03.16-	116265	12 2.2	
V90 2.0 AWD	[B4204T27]	03.16-	116683	14 215		03.16-	116682	12 1.4	
V90 2.0 T4	[B4204T31]	10.17-	116290	14 210		10.17-	116682	12 1.4	
V90 2.0 T5	[B4204T26]	10.17-	116683	14 215		10.17-	116265	12 2.2	
V90 2.0 T4 Polestar	[B4204T31]	06.19-	116683	14 215	AT	06.19-	116265	12 2.2	
V90 2.0 T5 Polestar	[B4204T26]	06.19-	116683	14 215	AT	06.19-	116265	12 2.2	
V90 2.9	[B6304G] [B6304S2]	01.97-	112557	14 120		01.97-	116682	12 1.4	
		01.97-	112557	14 120		01.97-	116682	12 1.4	



VOLVO Continued

V90 Li 2.0 4x4	[B4204T23]	03.16- 12.18	116683	14	215	03.16- 12.18	116682	12	1.4
XC40 2.0 D4 Polestar AWD	[D4204T12]	A21 01.19-	116290	14	210	01.19-	116682	12	1.4
XC40 2.0 Diesel	[D4204T16]	10.17-	116290	14	210	10.17-	116682	12	1.4
XC40 2.0 Diesel AWD	[D4204T12]	10.17-	116290	14	210	10.17-	116682	12	1.4
XC40 2.0 Diesel D3 AWD	[D4204T16]	10.17-	116290	14	210	10.17-	116682	12	1.4
XC40 2.0	[B4204T47]	09.18-	116683	14	215	09.18-	116682	12	1.4
XC40 2.0 AWD	[B4204T14]	10.17-	116683	14	215	10.17-	116682	12	1.4
XC40 2.0 T4 AWD	[B4204T47]	09.18-	116683	14	215	09.18-	116265	12	2.2
XC40 2.0 T5 AWD	[B4204T14, B4204T18]	10.17-	116683	14	215	AT 10.17-	116265	12	2.2
XC40 2.0 T5 AWD	[B4204T14[ER], B4204T14, B4204T14, B4204T14, B4204T]	01.18-	116683	14	215	AT 01.18-	116265	12	2.2
XC40 2.0 T5 Polestar AWD	[B4204T20]	10.17- 12.19	116683	14	215	AT 10.17- 12.19	116265	12	2.2
XC60 2.0	[D5204T7]	04.12-	115412	14	180	04.12-	115588	12	2.2
		04.12-	115521	14	150	04.12-	114746	12	1.4
XC60 2.0 Diesel	[D5204T3]	09.13- 02.17	115412	14	180	09.13- 02.17	115588	12	2.2
		09.13- 02.17	115434	14	150	09.13- 02.17	113303	12	2.2
		09.13- 02.17	115521	14	150	09.13- 02.17	116682	12	1.4
	[D5204T7]	09.13- 12.15	115412	14	180	09.13- 12.15	115588	12	2.2
		09.13- 12.15	115434	14	150	09.13- 12.15	113303	12	2.2
		09.13- 12.15	115521	14	150	09.13- 12.15	116682	12	1.4
XC60 2.0 Diesel 4x4	[D4204T14]	03.17-	116683	14	215	03.17-	116265	12	2.2
	[D4204T23]	03.17-	116683	14	215	03.17-	116265	12	2.2
XC60 2.0 Diesel D3	[D4204T4]	03.15-	116290	14	210	03.15-	116483	12	2.2
XC60 2.0 Diesel D4	[D4204T7]	12.18-	116290	14	210	12.18-	116265	12	2.2
XC60 2.0 Diesel D4 Polestar AWD	[D4204T14]	01.19-	116683	14	215	AT 01.19-	116265	12	2.2
XC60 2.0 Diesel DRIVE	[D5204T2]	03.10-	115412	14	180	03.10-	115588	12	2.2
		03.10-	115434	14	150	03.10-	113303	12	2.2
	[D5204T3]	03.10-	115412	14	180	03.10-	115588	12	2.2
		03.10-	115434	14	150	03.10-	113303	12	2.2
						03.10-	116051	12	2.2
XC60 2.0 Diesel Polestar 2.0 D4	[D4204T14]	01.19-	116290	14	210	A49 01.19-	116265	12	2.2
XC60 2.0 Diesel Polestar AWD 2.0 D5	[D4204T23]	10.18-	116683	14	215	AT 10.18-	116265	12	2.2
XC60 2.0	[B4204T26]	10.17-	116683	14	215	10.17-	116265	12	2.2
XC60 2.0 4x4	[B4204T23]	03.17- 12.18	116683	14	215	03.17- 12.18	116265	12	2.2
	[B4204T27]	03.17-	116683	14	215	03.17-	116265	12	2.2
XC60 2.0 AWD	[B4204T26]	10.17-	116683	14	215	10.17-	116265	12	2.2
	[B4204T29]	10.17-	116683	14	215	10.17-	116265	12	2.2
XC60 2.0 T4	[B4204T31]	09.18-	116683	14	215	09.18-	116265	12	2.2
XC60 2.0 T5	[B4204T11]	10.13-	116683	14	215	10.13-	116265	12	2.2
	[B4204T23]	03.17- 12.18	116683	14	215	AT 03.17- 12.18	116265	12	2.2
	[B4204T7]	09.10-	115908	14	150	09.10-	116682	12	1.4
XC60 2.0 T5 AWD	[B4204T11]	10.15- 02.17	116683	14	215	10.15- 02.17	116265	12	2.2
XC60 2.0 T5 Polestar AWD	[B4204T23]	03.17- 12.18	116683	14	215	AT 03.17- 12.18	116265	12	2.2
XC60 2.0 T6 Polestar AWD	[B4204T27]	03.17-	116683	14	215	AT 03.17-	116265	12	2.2
XC60 2.0 Turbo	[B4204T6]	03.10-	115908	14	150	03.10-	116682	12	1.4
XC60 2.0 T4 Polestar	[B4204T31P]	07.19-	116683	14	215	AT 07.19-	116265	12	2.2
XC60 2.0 T5 Polestar	[B4204T26P]	05.19-	116683	14	215	05.19-	116088	12	2.4
XC60 2.0 T5 Polestar AWD	[B4204T26P]	07.19-	116683	14	215	07.19-	116088	12	2.4
XC60 2.0 T6 Polestar AWD	[B4204T29P]	07.19-	116683	14	215	07.19-	116088	12	2.4
XC60 2.4 Diesel	[D5244T11]	06.11-	115412	14	180	06.11-	115588	12	2.2
		06.11-	115434	14	150	06.11-	113303	12	2.2
	[D5244T16]	05.08-	115412	14	180	05.08-	115588	12	2.2
		05.08-	115434	14	150	05.08-	113303	12	2.2
	[D5244T17]	05.08-	115412	14	180	05.08-	115588	12	2.2
		05.08-	115434	14	150	05.08-	113303	12	2.2
	[D5244T5]	05.08-	115412	14	180	05.08-	113906	12	1.2
		05.08-	115434	14	150	05.08-	113303	12	2.2
XC60 2.4 Diesel AWD	[D5244T12]	10.13-	115412	14	180	10.13-	115588	12	2.2
		10.13-	115521	14	150	10.13-	114746	12	1.4
XC60 2.4 Diesel D4 AWD	[D5244T17]	09.13- 02.17	115412	14	180	09.13- 02.17	114746	12	1.4
		09.13- 02.17	115434	14	150	09.13- 02.17	113303	12	2.2
	[D5244T21]	03.15-	115412	14	180	03.15-	115588	12	2.2
						03.15-	116051	12	2.2
XC60 2.4 Diesel D5	[D5244T4]	05.08-	115412	14	180	05.08-	115588	12	2.2
		05.08-	115434	14	150	05.08-	113303	12	2.2
XC60 2.4 Diesel D5 AWD	[D5244T10]	07.09-	115412	14	180	07.09-	115588	12	2.2
		07.09-	115434	14	150	07.09-	113303	12	2.2
	[D5244T11]	06.11-	115412	14	180	06.11-	115588	12	2.2
		06.11-	115434	14	150	06.11-	113303	12	2.2
	[D5244T11, D5244T15]	09.13- 02.17	115412	14	180	09.13- 02.17	114746	12	1.4
		09.13- 02.17	115434	14	150	09.13- 02.17	113906	12	1.2
		09.13- 02.17	115521	14	150	09.13- 02.17	116682	12	1.4
	[D5244T15]	06.11-	115412	14	180	06.11-	115588	12	2.2
		06.11-	115434	14	150	06.11-	113303	12	2.2
	[D5244T22]	03.15-	115412	14	180	03.15-	115588	12	2.2
						03.15-	116051	12	2.2
	[D5244T23]	04.14-	115412	14	180	04.14-	115588	12	2.2
		04.14-	115434	14	150	04.14-	113303	12	2.2
XC60 2.4 Diesel DRIVE	[D5244T14]	07.09-	115412	14	180	07.09-	115588	12	2.2
		07.09-	115434	14	150	07.09-	113303	12	2.2
XC60 2.5 T5 AWD	[B5254T12]	04.14- 02.17	115412	14	180	04.14- 02.17	115588	12	2.2
		04.14- 02.17	115434	14	150	04.14- 02.17	113303	12	2.2
		04.14- 02.17	115521	14	150	04.14- 02.17	116682	12	1.4
						04.14-	114746	12	1.4
XC60 3.0	[B6304T2]	05.08-	115966	14	150	05.08-	116682	12	1.4
XC60 3.0 T6 4x4	[B6304T4]	03.10-	115966	14	150	03.10-	116483	12	2.2
XC60 3.2 4x4	[B6324S5]	03.10-	115966	14	150	03.10-	116483	12	2.2
XC60 3.2 AWD	[B6324S]	07.09-	115966	14	150	07.09-	116483	12	2.2
XC70 2.0 Diesel	[D5204T2]	08.11-	115412	14	180	08.11-	115588	12	2.2
		08.11-	115434	14	150	08.11-	113303	12	2.2
	[D5204T3]	08.11-	115412	14	180	08.11-	114746	12	1.4
		08.11-	115434	14	150	08.11-	113303	12	2.2
		08.11-	115521	14	150	08.11-	116483	12	2.2
XC70 2.0 Diesel D4	[D5204T3]	09.13-	115412	14	180	09.13-	114746	12	1.4
		09.13-	115434	14	150	09.13-	115588	12	2.2
		09.13-	115521	14	150	A25 09.13-	116088	12	2.4
XC70 2.0 T5	[B4204T11]	10.13-	116683	14	215				
XC70 2.4 Diesel	[D5244T10]	12.09-	115412	14	180	12.09-	115588	12	2.2
		12.09-	115434	14	150	12.09-	113303	12	2.2



	[D5244T14]	01.10- 01.10-	115412 115434	14 180 14 150		01.10- 01.10-	115588 113303	12 2.2 12 2.2
XC70 2.4 Diesel AWD	[D5244T]	09.02- 09.02- 08.07	113272 114312 115708 115709 116352	14 140 14 140 14 160 A49 14 160 14 160		09.02- 09.02- 08.07	112434 113303 116483 115641	12 2.0 12 2.2 12 2.2 12 1.4
	[D5244T12]	10.13- 10.13-	115412 115521	14 180 14 150		10.13- 10.13-	115588 116483	12 2.2 12 2.2
	[D5244T16]	08.07- 08.07-	115412 115434	14 180 14 150		08.07- 08.07-	114746 115588	12 1.4 12 2.2
	[D5244T17]	08.07- 08.07-	115412 115434	14 180 14 150		08.07- 08.07-	114746 115588	12 1.4 12 2.2
	[D5244T5]	08.07- 08.07-	115412 115434	14 180 14 150		08.07- 08.07-	115588 113303	12 2.2 12 2.2
XC70 2.4 Diesel D4 AWD	[D5244T17]	09.13- 04.16 09.13- 04.16	115412 115434	14 180 14 150		09.13- 04.16 09.13- 04.16	114746 115588	12 1.4 12 2.2
		09.13- 04.16	115521	14 150	A25	09.13- 04.16	116088	12 2.4
XC70 2.4 Diesel D5 AWD	[D5244T11] [D5244T15]	06.11- 06.11-	115434 115434	14 150 14 150		06.11- 06.11-	113303 113303	12 2.2 12 2.2
		09.13- 09.13-	115412 115521	14 180 14 150		09.13- 09.13-	116483 115588	12 2.2 12 2.2
					A25	09.13-	116088	12 2.4
	[D5244T4]	05.05- 12.05- 12.05- 08.07- 08.07-	113272 115708 116352 115412 115434	14 140 14 160 A49 14 160 14 180 14 150		05.05- 12.05- 12.05- 08.07-	113303 116483 115588	12 2.2 12 2.2 12 2.2 12 2.2
	[B5244T3]	03.00- 09.02 09.00- 09.00- AT 09.00-	115709 112072 113272 112078	14 160 14 120 14 140 14 120		03.00- 09.02 09.00- 09.00- 09.00-	116483 112818 112434	12 2.2 12 1.4 12 2.0 12 2.0
	[B5254T12]	08.15-	115412	14 180		08.15-	114746	12 1.4
XC70 2.5 Turbo AWD	[B5254T2]	09.02- 09.02- 09.02- 09.02-	113272 115708 115709 116352	14 140 14 160 A49 14 160 14 160	Change pulley	09.02- 09.02- 09.02- 09.02-	113303 116483	12 2.2 12 2.2 12 2.2 12 2.2
XC70 2.9 T6 AWD	[B6304T4]	11.13- 11.13-	114756 115966	14 180 14 150		11.13- 11.13-	113303 116051	12 2.2 12 2.2 A49
XC70 3.0 AWD	[B6304T2]	01.08-	115966	14 150		01.08-	116051	12 2.2 A49
XC70 3.0 T6 AWD	[B6304T4]	01.10-	115966	14 150		01.10-	116051	12 2.2 A49
XC70 3.2	[B632455]	08.07-	115966	14 150		08.07-	116051	12 2.2 A49
XC70 3.2 AWD	[B63245]	08.07-	115966	14 150		08.07-	116051	12 2.2 A49
	[B632455]	08.07-	115966	14 150		08.07-	116051	12 2.2 A49
XC90 2.0 Diesel D4	[D4204T14]	06.15-	116290	14 210				
XC90 2.0 Diesel D4 AWD	[D4204T14]	06.15-	116290	14 210				
XC90 2.0 Diesel D5 AWD	[D4204T11]	09.14-	116290	14 210				
XC90 2.0 Diesel Polestar AWD 2.0 D5	[D4204T23]	10.18-	116290	14 210 A49				
XC90 2.0 AWD	[B4204T26]	10.17-	116683	14 215				
XC90 2.0 T5 AWD	[B4204T23]	06.15- 12.18	116683	14 215				
XC90 2.0 T6 AWD	[B4204T27]	09.14-	116290	14 210				
XC90 2.0 T5 Polestar AWD	[B4204T26P]	07.19-	116683	14 215				
XC90 2.0 T6 Polestar AWD	[B4204T29P]	10.17-	116683	14 215				
XC90 2.4 D5	[D5244T5]	04.09- 04.09-	115708 116352	14 160 A49 14 160		04.09- 04.09-	116682	12 1.4 12 1.4
XC90 2.4 Diesel	[D5244T]	10.02- 10.02- 10.02- 10.02-	113272 115708 115709 116352	14 140 14 160 A49 14 160 14 160		10.02- 10.02- 10.02- 10.02-	113303 116682 116265	12 2.2 12 1.4 12 2.2 12 2.2
	[D5244T5]	10.02- 10.02- 10.02- 10.02- 10.02- 10.02-	113272 113754 114312 115708 115709 116352	14 140 14 120 14 140 14 160 A49 14 160 14 160		10.02- 10.02- 10.02- 10.02- 10.02- 10.02-	113303 116443 115641	12 2.2 12 2.0 12 1.4 12 1.4 12 1.4 12 1.4
XC90 2.4 Diesel D4	[D5244T5]	09.13- 12.14 09.13- 12.14	114312 115708	14 140 14 160		09.13- 12.14 09.13- 12.14	114746 116265	12 1.4 12 2.2
XC90 2.4 Diesel D5	[D5244T] [D5244T18]	01.03- 01.11- 01.11-	115709 114312 115708	14 160 14 140 14 160 A49		01.11- 01.11- 01.11-	113303 116682	12 2.2 12 1.4 12 1.4
	[D5244T4]	05.06- 05.06-	115708 116352	14 160 A49 14 160		05.06- 05.06-	116682	12 1.4 12 1.4
XC90 2.4 Diesel D5 AWD	[D5244T18]	09.13- 12.14 09.13- 12.14	114312 115708	14 140 14 160		09.13- 12.14 09.13- 12.14	116682 116265	12 1.4 12 2.2
	[D5244T5]	10.07- 10.07-	114312 115708	14 140 14 160 A49		10.07- 10.07-	114746 116265	12 1.4 12 2.2
		10.07-	116352	14 160		10.07-		
XC90 2.5 AWD	[B5254T9]	10.12-	115412	14 180		10.12-	116682	12 1.4
XC90 2.5 Turbo	[B5254T2]	10.02- 10.02- 10.02- 10.02-	115708 115709 116352 113272	14 160 A49 14 160 14 160 14 140		10.02- AT 10.02- 10.02- 10.02-	116682 116265 112818	12 1.4 12 2.2 12 1.4 12 1.4
XC90 3.0 Turbo	[B6294T]	10.02- 10.02-	113272 115709	14 140 14 160	Change pulley	10.02- AT 10.02-	113303 116265	12 2.2 12 2.2
XC90 3.2	[B63245] [B632455]	05.06- 04.10-	115966 115966	14 150 14 150				
XC90 4.4	[B84445]	01.05-	115753	14 180				
PASSENGER CARS US								
122 1.8 S	[B18]					01.68- 01.68	111054	12 1.1
142 1.8 S	[B18]					01.68- 01.68	111054	12 1.1
142 2.0	[B20B]					01.70- 01.71	111054	12 1.1
	[B20E]					01.72- 01.74	111054	12 1.1
142 2.0 E	[B20B]					01.71- 01.71	111054	12 1.1
142 2.0 GL	[B20E]					01.74- 01.74	111054	12 1.1
142 2.0 S	[B20B]					01.69- 01.69	111054	12 1.1
144 1.8 S	[B18]					01.68- 01.68	111054	12 1.1
144 2.0	[B20B]					01.70- 01.71	111054	12 1.1
	[B20E]					01.72- 01.74	111054	12 1.1
144 2.0 GL	[B20E]					01.74- 01.74	111054	12 1.1



VOLVO Continued

144 2.0 S	[B20B]				01.69- 01.69	111054	12	1.1
145 1.8 S	[B18]				01.68- 01.68	111054	12	1.1
145 2.0	[B20B]				01.70- 01.71	111054	12	1.1
	[B20E]				01.72- 01.74	111054	12	1.1
145 2.0 S	[B20B]				01.69- 01.69	111054	12	1.1
164 3.0	[B30A]				01.70- 01.71	111054	12	1.1
	[B30E]				01.72- 01.75	111054	12	1.1
164 3.0 E	[B30E]				01.73- 01.74	111054	12	1.1
240 2.3	[B230F]	01.90- 01.93	112746	14 80	01.90- 01.93	111489	12	1.4
240 2.3 DL	[B230F]	01.90- 01.90	112746	14 80	01.90- 01.90	111489	12	1.4
240 2.3 GL	[B230F]	01.92- 01.92	112746	14 80	01.92- 01.92	111489	12	1.4
240 2.3 SE	[B230F]	01.91- 01.91	112746	14 80	01.91- 01.91	111489	12	1.4
242 2.0 GL	[B20E]				01.75- 01.75	111054	12	1.1
242 2.1	[B21F]				01.76- 01.79	111054	12	1.1
242 2.1 DL	[B21F]				01.80- 01.82	111054	12	1.1
242 2.1 GL	[B21F]				01.81- 01.81	111054	12	1.1
242 2.1 GLT					01.82- 01.82	111054	12	1.1
242 2.1 Turbo	[B21FT]				01.81- 01.81	111054	12	1.1
242 2.1 Turbo GLT	[B21FT]				01.81- 01.84	111054	12	1.1
242 2.3 DL	[B23F]				01.83- 01.84	111054	12	1.1
242 2.3 GLT					01.83- 01.83	111054	12	1.1
244 2.1					01.81- 01.81	111054	12	1.1
244 2.1 DL	[B21F]				01.79- 01.79	111054	12	1.1
244 2.1 GL	[B21F]				01.82- 01.82	111054	12	1.1
244 2.1 Turbo GLT	[B21FT]				01.82- 01.84	111054	12	1.1
244 2.3 DL	[B230F]	01.85- 01.89	112746	14 80	01.85- 01.89	111054	12	1.1
					01.85- 01.89	111489	12	1.4
	[B23F]				01.83- 01.84	111054	12	1.1
244 2.3 GL	[B230F]	01.85- 01.89	112746	14 80	01.85- 01.89	111054	12	1.1
					01.85- 01.89	111489	12	1.4
	[B23F]				01.84- 01.84	111054	12	1.1
244 2.4 DL	[D24]	01.82- 01.84	110881	14 55	01.82- 01.84	111120	12	2.2
244 2.4 GL	[D24]	01.82- 01.84	110881	14 55	01.82- 01.84	111120	12	2.2
245 2.1					01.81- 01.81	111054	12	1.1
245 2.1 DL	[B21F]				01.80- 01.82	111054	12	1.1
245 2.1 GL	[B21F]				01.82- 01.82	111054	12	1.1
245 2.1 Turbo	[B21FT]				01.85- 01.85	111054	12	1.1
245 2.1 Turbo GLT	[B21FT]				01.81- 01.84	111054	12	1.1
245 2.3	[B230F]	01.85- 01.85	112746	14 80	01.85- 01.85	111054	12	1.1
					01.85- 01.85	111489	12	1.4
	[B23F]				01.84- 01.84	111054	12	1.1
245 2.3 DL	[B230F]	01.86- 01.89	112746	14 80	01.86- 01.89	111054	12	1.1
					01.86- 01.89	111489	12	1.4
	[B23F]				01.83- 01.83	111054	12	1.1
245 2.3 GL	[B230F]	01.86- 01.89	112746	14 80	01.86- 01.89	111054	12	1.1
					01.86- 01.89	111489	12	1.4
	[B23F]				01.83- 01.83	111054	12	1.1
245 2.4	[D24]	01.84- 01.84	110881	14 55	01.84- 01.84	111120	12	2.2
245 2.4 DL	[D24]	01.82- 01.82	110881	14 55	01.82- 01.82	111120	12	2.2
245 2.4 GL	[D24]	01.83- 01.83	110881	14 55	01.83- 01.83	111120	12	2.2
264 2.4 GL	[D24]				01.80- 01.81	110368	12	2.3
264 2.4 GLE	[D24]				01.80- 01.80	110368	12	2.3
265 2.4 GLE	[D24]				01.80- 01.80	110368	12	2.3
544 1.8					01.62- 01.65	111054	12	1.1
740 2.3	[B230F]	01.90- 01.92	112746	14 80	01.90- 01.92	111489	12	1.4
740 2.3 GL	[B230F]	01.89- 01.90	112746	14 80	01.89- 01.90	111489	12	1.4
740 2.3 GLE	[B230F]	01.87- 01.88	112746	14 80	01.87- 01.88	111054	12	1.1
					01.89- 01.89	111489	12	1.4
	[B234F]				01.90- 01.90	111489	12	1.4
740 2.3 Turbo	[B230FT]				01.89- 01.90	111489	12	1.4
740 2.3 Turbo SE	[B230FT]				01.91- 01.91	111489	12	1.4
740 2.4 Turbo GLE	[D24T]	01.86- 01.86	110881	14 55	01.86- 01.86	111120	12	2.2
745 2.3 GLE	[B230F]				01.85- 01.85	111054	12	1.1
745 2.3 Turbo GLE	[B230FT]				01.85- 01.85	111054	12	1.1
745 2.4 Turbo GLE	[D24T]	01.85- 01.85	110881	14 55	01.85- 01.85	111120	12	2.2
760 2.3 Turbo	[B230FT]	01.89- 01.90	112746	14 80	01.89- 01.90	111054	12	1.1
					01.89- 01.90	111489	12	1.4
760 2.3 Turbo GLE	[B230FT]	01.88- 01.88	112746	14 80	01.85- 01.87	111054	12	1.1
					01.88- 01.88	111489	12	1.4
760 2.4 GLE	[D24]	01.83- 01.84	110881	14 55	01.83- 01.84	111120	12	2.2
760 2.4 Turbo GLE	[D24T]	01.83- 01.85	110881	14 55	01.83- 01.85	111120	12	2.2
780 2.3 Turbo	[B230FT]				01.89- 01.90	111489	12	1.4
850 2.3 Turbo	[B5234FT]				01.94- 01.94	112818	12	1.4
850 2.3 Turbo R					01.97- 01.97	112818	12	1.4
850 2.4	[B5254FS]				01.93- 01.94	112818	12	1.4
850 2.4 GLT	[B5254FS]				01.95- 01.96	112818	12	1.4
940 2.3	[B230FD]	01.94- 01.95	112746	14 80	01.94- 01.95	111489	12	1.4
940 2.3 GLE	[B230F]				01.91- 01.91	111489	12	1.4
940 2.3 Turbo					01.92- 01.92	111489	12	1.4
940 2.3 Turbo SE	[B230FT]				01.91- 01.91	111489	12	1.4
960 2.9	[B6304F]	01.92- 01.97	112557	14 120				
1800 1.8	[B18B]				01.67- 01.67	111054	12	1.1
1800 1.8 S	[B18]				01.68- 01.68	111054	12	1.1
1800 2.0 E	[B20E]				01.70- 01.72	111054	12	1.1
1800 2.0 ES	[B20E]				01.72- 01.73	111054	12	1.1
1800 2.0 S	[B20B]				01.69- 01.69	111054	12	1.1
C70 2.3 Turbo	[B5234T3]	01.00-	112072	14 120	01.02- 01.03	112818	12	1.4
C70 2.4 Turbo	[B5244T]	01.02- 01.02	112072	14 120	01.02- 01.02	112818	12	1.4
	[B5244T3]	01.03-	112072	14 120				
DL 2.1	[B21A]				01.84- 01.84	111054	12	1.1
GLE 2.3	[B23F-LH]				01.84- 01.84	111054	12	1.1
S60 2.3 Turbo	[B5234FT]	01.01- 01.01	112072	14 120				
		01.01- 01.01	112078	14 120				
S60 2.3 Turbo T5	[B5234T3]	01.02- 01.03	112072	14 120	01.05-	112818	12	1.4
		01.02- 01.03	112078	14 120				
S60 2.4	[B5244S]	01.01-	112072	14 120	01.01-	112818	12	1.4
		01.01-	112078	14 120				
S60 2.4 Turbo	[B5244T3]	01.01-	112072	14 120	01.01-	112818	12	1.4
		01.01-	112078	14 120				
S70 2.4	[B5254FS]	01.99- 01.00	112072	14 120				



S70 2.4 Turbo		01.99- 01.00	112072	14 120			
S80 2.8 Turbo	[B6284T]	01.99- 01.03	112078	14 120			
S80 2.9	[B6294S]	01.00-	112078	14 120			
	[B6304S3]	01.99-	112078	14 120			
V70 2.3 Turbo	[B5234FT]	01.99- 01.01	112072	14 120			
	[B5234T3]	01.01-	112072	14 120			
V70 2.3 Turbo T5	[B5234T3]	01.02- 01.03	112072	14 120			
V70 2.4	[B5244S]	01.01-	112072	14 120	01.02- 01.03	112818	12 1.4
		01.01-	112078	14 120			
	[B5244S6]	01.03-	115709	14 160			
	[B5254FS]	01.99- 01.00	112072	14 120			
V70 2.4 Turbo	[B5234T3]	01.99-	112072	14 120			
	[B5244T2]	01.00-	112072	14 120			
	[B5244T3]	01.01-	112072	14 120	01.02- 01.02	112818	12 1.4
		01.01-	112078	14 120			
	[B5254T]	01.00-	112072	14 120			
V70 2.4 Turbo X/C	[B5244T3]	01.02- 01.02	112072	14 120	01.02- 01.02	112818	12 1.4
		01.02- 01.02	112078	14 120			
V70 2.4 Turbo X/C AWD	[B5244T3]	01.01-	112072	14 120			
		01.01-	112078	14 120			
	[B5254T]	01.00-	112072	14 120			
XC90 2.5 Turbo	[B5254T2]	01.03-	115709	14 160			
PASSENGER CARS AO							
740 2.0 GLE	[B19E]				08.83- 07.84	111054	12 1.1
740 2.0 Turbo	[B200ET]				08.85- 07.92	111489	12 1.4
740 2.3 Turbo	[B230GT]				09.89- 08.91	111489	12 1.4
760 2.3 Turbo	[B230FT]				09.87- 08.90	111489	12 1.4
850 2.0 Turbo	[B5204T2]	01.91- 08.97	112557	14 120	01.91- 08.97	112818	12 1.4
850 2.3 Turbo R	[B5234T5]	06.95- 10.97	112557	14 120	06.95- 10.97	112818	12 1.4
850 2.4 GLE	[B5254T]	09.96- 07.97	112557	14 120	09.93- 10.97	112818	12 1.4
940 2.0	[B200G]				09.90- 09.93	111489	12 1.4
940 2.0 GL	[B204E]				09.90- 04.92	111489	12 1.4
960 2.3 Turbo	[B230FT]				09.90- 08.93	111489	12 1.4
S40 2.4 Diesel	[D5244T13]	03.06-	114810	14 150	03.06-	113303	12 2.2
		03.06-	115606	14 150			
	[D5244T8]	03.06-	114810	14 150	03.06-	113303	12 2.2
		03.06-	115606	14 150	03.06-	113906	12 1.2
S60 2.3 T5	[B5234T7]	07.00- 09.02	115709	14 160	11.00- 09.02	115641	12 1.4
		11.00- 09.02	112072	14 120			
		11.00- 09.02	113272	14 140			
S60 2.4 Diesel	[D5244T6]	05.05- 12.06	115708	14 160 A49			
		05.05- 12.06	116352	14 160			
S60 2.4	[B5244T4]	01.05- 10.06	113272	14 140			
		01.05- 10.06	114312	14 140			
		01.05- 10.06	115708	14 160 A49			
		01.05- 10.06	115709	14 160			
		01.05- 10.06	116352	14 160			
S70 2.3 T5 GLT AWD	[B5234T3]	08.98- 07.00	112072	14 120			
S70 2.4 T5 Sport AWD	[B5254T]	08.98- 04.99	112072	14 120			
S80 2.0 TDi	[D4204T]	02.08-	115365	14 150			
S80 2.3 R	[B5234T7]	04.00- 08.05	115708	14 160 A49			
		04.00- 08.05	115709	14 160			
		04.00- 08.05	116352	14 160			
S80 2.4 LTP	[B5244T4]	06.04- 07.06	112072	14 120	06.04- 07.06	113911	12 2.2 A49
		06.04- 07.06	112078	14 120	06.04- 07.06	112818	12 1.4
		06.04- 07.06	113272	14 140	06.04- 07.06	116157	12 2.2
		06.04- 07.06	115708	14 160 A49			
		06.04- 07.06	115709	14 160			
		06.04- 07.06	116352	14 160			
V60 2.0	[B5204T9]	11.13-	115412	14 180	11.13-	115641	12 1.4
		11.13-	115521	14 150			
V70 2.3 AWD	[B5234T7]	10.00- 09.04	112072	14 120	10.00- 09.04	115641	12 1.4
	[B5234T8]	10.00- 09.04	112072	14 120	10.00- 09.04	115641	12 1.4
V70 2.4		03.00- 09.03	113272	14 140			
		03.00- 09.03	115708	14 160 A49			
		03.00- 09.03	115709	14 160			
		03.00- 09.03	116352	14 160			
		03.00- 09.03	112072	14 120	03.00- 09.03	115641	12 1.4
V70 2.4 4x4		03.00- 09.03	115708	14 160 A49			
		03.00- 09.03	116352	14 160			
FORK LIFTS							
RT-700E SERIES Rough Terrain	[4B3.9]		111888	14 65		113725	12 2.5
RT-700G SERIES Rough Terrain	[4B3.9]		111888	14 65		113725	12 2.5
RT-700H SERIES Rough Terrain	[4B3.9]		111888	14 65		113725	12 2.5
INDUSTRY							
710 Graders	[6B75.9]		111843	14 95			
716 Graders	[6B75.9]		111843	14 95			
575T Pavers	[V2203-DI]		110540	14 55		112489	12 2.7
689G Rough Terrain Forklifts	[1004-4T]		111355	14 65		114388	12 3.2
			112698	14 100		116308	12 3.2
			114772	14 95			
ALEX. 130 Rollers	[F3L1011]		112183	14 60		112041	12 2.2
			113991	14 80			
			114077	28 40			
ALPHA 196 Rollers	[BF6L913]		112098	14 65		113467	12 3.7
BL61 Tractor/Loader/Backhoes	[D5A]		113768	14 95		112071	12 3.0
BL61 Plus Tractor/Loader/Backhoes	[D5A]		113768	14 95		112071	12 3.0
BL71 Tractor/Loader/Backhoes	[D5A]		113768	14 95		112071	12 3.0
BL71 Plus Tractor/Loader/Backhoes	[D5A]		113768	14 95		112071	12 3.0
BM4200 Wheel Loader	[4-236]					114170	24 4.0
CR22/24/32 Rollers	[F3L1011]		112183	14 60		112041	12 2.2
			113991	14 80			
			114077	28 40			
CR22/24/32/36 Rollers	[F3L1011]		112183	14 60		112041	12 2.2
			113991	14 80			
			114077	28 40			
CR-24 Rollers	[V2203-M]		113921	14 40		110720	12 1.4
						111197	12 2.0



VOLVO Continued

CR24 & CR30 Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
CR-30 Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
DD 16 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD 18 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD 20 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD 22 Rollers	[F3L1011]	112183	14	60	112041	12	2.2	
		113991	14	80				
		114077	28	40				
DD 24 Rollers	[F3L1011]	112183	14	60	112041	12	2.2	
		113991	14	80				
		114077	28	40				
DD 32 Rollers	[F3L1011]	112183	14	60	112041	12	2.2	
		113991	14	80				
		114077	28	40				
DD100 Rollers	[QSB4.5]	116317	28	70				
DD-110 Rollers	[6BT5.9]	111843	14	95				
DD-112HF Rollers	[QSB4.5]	116317	28	70				
DD-118HF & DD-118HFA Rollers	[QSB4.5]	116317	28	70				
DD-130 Rollers	[6BTA5.9]	111843	14	95				
DD-132HF Rollers	[QSB4.5]	116317	28	70				
DD136 Rollers	[6BT5.9]	111843	14	95				
DD-138 SERIES Rollers	[6BTA5.9]	111843	14	95				
DD-138HF & DD138HFA Rollers	[QSB6.7]	116317	28	70	114326	24	7.5	
DD14 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD14/16 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD140 Rollers	[QSB6.7]	116317	28	70	114326	24	7.5	
DD145 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD-145 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD145 & DD16 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD-145 & DD-16 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD15 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD16 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD-16 Rollers	[D722-E]	114205	14	40	110447	12	1.0	
					114485	12	1.1	
					116537	12	1.4	
DD22/24/32 Rollers	[F3L1011]	112183	14	60	112041	12	2.2	
		113991	14	80				
		114077	28	40				
DD-24 DURA-PAC Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
DD25 Rollers	[D1803-M]	113921	14	40	115322	12	1.4	
DD-28HF & DD-34HF Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
DD29 Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
DD-29 Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
DD-30 DURA-PAC Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
DD31HF Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
DD-31HF Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
DD38HF Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
DD38-HF Rollers	[V2203-M]	113921	14	40	110720	12	1.4	
					111197	12	2.0	
DD-70 & DD-70HF Rollers	[4B3.9]	111888	14	65	113725	12	2.5	
DD80 Rollers	[4B3.9]	111888	14	65	113725	12	2.5	
DD-90 & DD-90HF Rollers	[QSB4.5]	116317	28	70				
EB 150 SRS Excavators	[L3E]	114079	14	40	114444	12	1.6	
EB 200 SRS Excavators	[L3E]	114079	14	40	114444	12	1.6	
EB 250 SRS Excavators	[103-10]	110770	14	55	112534	12	2.0	
EB 300 SRS Excavators	[S3L2]	114902	14	90	110933	12	1.4	
EB 706 SRS Excavators	[S4S]	113401	14	40	111272	12	2.2	
EC 150 C Excavator	01.97-	111658	28	55				
EC130C	[TD40GDE]				112037	24	4.0	
EC140B Prime Excavators	[BF4L913]	113470	28	35	110512	24	5.4	
EC140E Crawler Excavators	[TCD4.1L4]	116544	14	95	113181	12	2.3	
		116547	14	120				
EC145E Crawler Excavators	[TCD4.1L4]	116544	14	95	113181	12	2.3	
		116547	14	120				
EC15r	[MI Equipped]	114079	14	40				
EC25 Excavators	[S3L2]	114902	14	90	110933	12	1.4	
EC340	[TD103KAE]				01.01-	111046	24	6.6
EC380	[TD103KAE]				01.01-	111046	24	6.6



ECR88			115303	14	55		114874	12	3.0
EW130C	[TD40GDE]						112037	24	4.0
G60/G66 Graders	[4B3.9]		111888	14	65		113725	12	2.5
G710/VHP Graders	[6BT5.9]		111843	14	95				
G716 VHP AWD Graders	[6BT5.9]		111843	14	95				
G80/G86 Graders	[4B3.9]		111888	14	65		113725	12	2.5
L50	[TD40GFE]					01.93- 01.95	112037	24	4.0
PF3200 Pavers	[QSB6.7]		116317	28	70		114326	24	7.5
PF6110 Pavers	[QSB6.7]		116317	28	70		114326	24	7.5
PF6160 Pavers	[QSB6.7]		116317	28	70		114326	24	7.5
PF6170 Pavers	[QSB6.7]		116317	28	70		114326	24	7.5
SD100 Asphalt Rollers	[QSB4.5]		116317	28	70				
SD100D & SD100F Rollers	[QSB4.5]		116317	28	70				
SD100D & SD100F (EXPORT) Rollers	[QSB4.5]		116317	28	70				
SD105DX Rollers	[QSB4.5]		116317	28	70				
SD105DX & SD105F Rollers	[QSB4.5]		116317	28	70				
SD105F Rollers	[QSB4.5]		116317	28	70				
SD-110 PRO-PAC Rollers	[6BT5.9]		111843	14	95				
SD-110D/F Rollers	[6BT5.9]		111843	14	95				
SD115D Rollers	[QSB4.5]		116317	28	70				
SD-115D/FPROPAC Rollers	[6BTA5.9]		111843	14	95				
SD115F Rollers	[QSB4.5]		116317	28	70				
SD116DX & SD116F Rollers	[QSB6.7]		116317	28	70		114326	24	7.5
SD122D Rollers	[QSB4.5]		116317	28	70				
SD130D Rollers	[QSB4.5]		116317	28	70				
SD130DX Rollers	[QSB4.5]		116317	28	70				
SD130F Rollers	[QSB4.5]		116317	28	70				
SD-150D Rollers	[BF6L913]		112098	14	65		113467	12	3.7
SD-150D/FPROPAC Rollers	[6BTA5.9]		111843	14	95				
SD-150F Rollers	[BF6L913]		112098	14	65		113467	12	3.7
SD160 Rollers	[QSB6.7]		116317	28	70		114326	24	7.5
SD160DX Rollers	[QSB6.7]		116317	28	70		114326	24	7.5
SD160DX & SD160F Rollers	[QSB6.7]		116317	28	70		114326	24	7.5
SD160F Rollers	[QSB6.7]		116317	28	70		114326	24	7.5
SD200 Rollers	[QSB6.7]		116317	28	70		114326	24	7.5
SD200DX & SD200F Rollers	[QSB6.7]		116317	28	70		114326	24	7.5
SD25D & SD25F Rollers	[V2203-M]		113921	14	40		110720	12	1.4
							111197	12	2.0
SE210 Excavators	[6BT5.9]		111843	14	95				
SIRIUS PLUS Excavators	[L3E]		114079	14	40		114444	12	1.6
TC-13 Rollers	[D722-E]		114205	14	40		110447	12	1.0
							114485	12	1.1
							116537	12	1.4
TITAN 465 Rollers	[6BTA5.9]		111843	14	95				
Various Models							115464	24	7.8
							114170	24	4.0
							116044	24	7.8
							111272	12	2.2
VOLVO EC/EW70 Excavators	[S45]		113401	14	40		112272	12	2.2
VOLVO EC14 Excavators	[L3E]		114079	14	40		114444	12	1.6
VOLVO EC15 Excavators	[L3E]		114079	14	40		114444	12	1.6
VOLVO EC20 Excavators	[L3E]		114079	14	40		114444	12	1.6
VOLVO EC25 Excavators	[103-10]		110770	14	55		112534	12	2.0
VOLVO EC30 Excavators	[S3L2]		114902	14	90		110933	12	1.4
VR SRS (90) Rough Terrain Forklifts	[1004-4T]		111355	14	65		114388	12	3.2
			112698	14	100		116308	12	3.2
			114772	14	95				
VR-623 Rough Terrain Forklifts	[1004-4T]		111355	14	65		114388	12	3.2
			112698	14	100		116308	12	3.2
			114772	14	95				
ZL402C Wheel Loaders and Dozers	[F3L1011]		112183	14	60		112041	12	2.2
			113991	14	80				
			114077	28	40				
ZL802 Wheel Loaders and Dozers	[BF4M1012E B]		116018	28	55		112494	24	4.0
							112071	12	3.0
Volvo BM									
INDUSTRY									
EC160C	[BF6M2013C]						114873	24	5.5
EC180C	[BF6M2013C]						114873	24	5.5
EC200B prime	[BF6M2013C]						114873	24	5.5
EC210BLC prime	[BF6M2013C]						114873	24	5.5
EC210C	[BF6M2013C]						114873	24	5.5
ECR235C	[BF6M2013C]						114873	24	5.5
EW145B prime	[BF6M2013C]						114873	24	5.5
L60E	[BF6M2013C]						114873	24	5.5
L60F	[BF6M2013C]						114873	24	5.5
L70E	[BF6M2013C]						114873	24	5.5
L70F	[BF6M2013C]						114873	24	5.5
L90E	[BF6M2013C]						114873	24	5.5
L90F	[BF6M2013C]						114873	24	5.5
MOTORS									
Engine	[D45]					06.83-	112132	24	4.0
Volvo Penta									
MARINE									
D1-30 D1-30	[403C-11]		111048	14	40		112534	12	2.0
			113921	14	40				
D2-40 D2-40	[403C-15]		111355	14	65		112534	12	2.0
D5A T Pleasure Craft Engines	[D5A]		113768	14	95		112071	12	3.0
Engine 0.4	[2001]	01.91-	111397	14	50	01.91-	114527	24	6.0
Engine 0.7	[MD7B]	06.81- 07.83	110127	14	70	06.81- 07.83	110538	12	3.6
Engine 0.9	[2002]	06.83- 01.93	111397	14	50	06.83- 01.93	114527	24	6.0
Engine 1.1	[MD11]	07.75- 06.83	110127	14	70	07.75- 06.83	111054	12	1.1
		07.75- 06.83	111397	14	50				
Engine 1.3	[2003]	06.83- 01.93	111397	14	50	06.83- 01.93	114527	24	6.0
Engine 1.7	[MD17]	09.75- 06.84	110127	14	70	09.75- 06.84	111047	12	3.1
		09.75- 06.84	111397	14	50				
Engine 2.0	[AQ130]	01.70- 12.77	110048	14	70	01.70- 12.77	111404	12	1.1
Engine 2.3	[AQ140]	11.75- 12.79	110048	14	70	11.75- 12.79	111404	12	1.1
	[AQ145]	03.79- 12.85	111397	14	50	03.79- 12.85	113705	12	1.9
		03.79- 12.85	113631	14	90				
Engine 2.4	[TAMD30]	01.83- 06.86	111397	14	50				



Application list

VOLVO PENTA Continued

	[TMD30]	01.83- 06.86	111397	14 50			
Engine 3.0	[AQ170]	01.70- 12.78	110048	14 70	01.70- 12.78	112507	24 5.4
Engine 3.5	[TMD40]	01.77- 01.86	111528	28 55			
		02.77- 06.86	111397	14 50			
Engine 3.6	[TMD41B]	01.86- 12.97	111397	14 50			
Engine 5.0	[AQ200]	01.70-	110127	14 70	01.70-	111054	12 1.1
		01.70-	111397	14 50			
	[AQ225]		110127	14 70		111054	12 1.1
Engine 5.1	[TMD50]	10.96-	110048	14 70	10.96-	114734	24 7.0
		10.96-	110127	14 70	10.96-	110538	12 3.6
Engine 5.5	[TAMD60]	10.76- 10.86	110112	28 40	10.76- 10.86	111218	24 5.4
		10.86-	112784	28 45			
	[TD60.]	01.82- 06.86	110112	28 40	01.82- 06.86	111218	24 5.4
		01.86-	112784	28 45			
Engine 5.7	[AQ290]	01.79-	110127	14 70	01.79-	111054	12 1.1
Engine 6.7	[AQD70]	03.71-	110048	14 70	03.71-	114734	24 7.0
	[TAMD72]	07.91-	111658	28 55			
	[TMD70]	12.72-	110048	14 70	12.72-	114527	24 6.0
		12.72-	110127	14 70	12.72-	110538	12 3.6
Engine 9.6	[TMD100]	01.72- 05.85	110175	28 100	01.72- 05.85	110552	12 1.1
		01.72- 05.85	110176	28 175	01.72- 05.85	111300	12 1.4
Engine	[KAD32P]		111397	14 50			
	[KAD44P]		111397	14 50			
	[MD2010]	01.93-	111397	14 50			
	[MD2020]	01.93-	111397	14 50			
	[MD2030]	01.93-	111397	14 50			
	[MD2040]	01.93-	111397	14 50			
	[TMD22P]	01.97-	111397	14 50			
Engine	[AQ100]		110048	14 70		111404	12 1.1
			110052	28 40		114527	24 6.0
			113477	28 55			
	[AQ120]		110048	14 70		111404	12 1.1
			110127	14 70		111218	24 5.4
			111397	14 50		114473	24 6.0
			113631	14 90			
	[AQ165]		110048	14 70		113207	12 2.8
	[AQ21]		110048	14 70		114734	24 7.0
Engine	[D1-13]	01.05-	113971	14 115			
	[D1-20]	01.05-	113971	14 115			
	[D1-30]	01.05-	113971	14 115			
	[D16C-A MH]		114212	28 110			
			114880	28 110 MI			
			115488	28 110 A49			
	[D16C-B MH]		114212	28 110			
			114880	28 110 MI			
			115488	28 110 A49			
	[D16C-C MH]		114212	28 110			
			114880	28 110 MI			
			115488	28 110 A49			
	[D2-40]	01.05-	113971	14 115			
	[D2-55]	01.05-	113971	14 115			
	[D4-250]	01.05-	113971	14 115			
	[D6-310]	01.05-	113971	14 115			
	[D6-435]	01.05-	113971	14 115			
MD100 6.0 Engine						114773	12 0.7
MD2030 Engine	[103-10]		110770	14 55		112534	12 2.0
MD2030 MD2030	[103-10]		110770	14 55		112534	12 2.0
MD2040 Engine	[103-15]		110770	14 55		110615	12 2.8
						115393	12 4.0
MD2040 MD2040	[103-15]		110770	14 55		110615	12 2.8
						115393	12 4.0
SMALL COMMERCIAL Engine	[103-10]		110770	14 55		110615	12 2.8
	[103-15]		110770	14 55		112534	12 2.0
						115393	12 4.0
TAMD102 6.0 Engine						114473	24 6.0
TID100 6.0 Engine						114473	24 6.0
UCM274C Marine Auxiliary	[D5A]		113768	14 95		112071	12 3.0
Various Models			113382	14 60		111699	12 1.6
			113477	28 55		114818	12 3.6
			113631	14 90		114819	24 5.5
			114664	14 75			
			114843	28 80			
			116550	14 95			
			116538	14 65			
			110175	28 100		111219	24 6.6
			110176	28 175		111047	12 3.1
			110048	14 70		112232	12 2.4
VW							
PASSENGER CARS EU							
181 1.5	[H]				09.69- 07.70	110363	12 0.7
181 1.6	[AG]				08.70- 03.73	110363	12 0.7
411 1.7	[V]				08.69- 07.73	110363	12 0.7
	[Z]				08.69- 07.73	110363	12 0.7
411 1.7 E	[W]				08.69- 07.72	110363	12 0.7
412 1.7	[W]				08.69- 07.72	110363	12 0.7
412 1.8 E	[AN]				08.73- 07.74	110363	12 0.7
	[AT]				08.73- 07.74	110363	12 0.7
1500 1.5	[K]				08.69- 07.73	110363	12 0.7
1600 1.5	[K]				08.66- 07.73	110363	12 0.7
1600 1.6	[T]				08.66- 07.73	110363	12 0.7
	[U]				08.66- 07.73	110363	12 0.7
1600 1.6 TL	[T]				08.66- 07.73	110363	12 0.7
	[U]				08.66- 07.73	110363	12 0.7
Amarok 2.0 BiTDi	[CDCA]	09.10-	115707	14 110	09.10-	116248	12 2.2
		09.10-	115730	14 140			
Amarok 2.0 BiTDi 4motion	[CDCA]	09.10-	115730	14 140	09.10-	116248	12 2.2
Amarok 2.0 TDi	[CDBA]	09.10-	115730	14 140	09.10-	116248	12 2.2
		09.10- 10.13	116717	14 140			
	[CNFA]	09.10-	115730	14 140	09.10-	116248	12 2.2
		09.10- 10.13	116717	14 140			



Amarok 2.0 TDi 4motion	[CNFB]	07.12-	116717	14 140	07.12-	115736	12 2.2	
	[CDBA]	09.10-	115730	14 140	09.10-	116248	12 2.2	
		09.10- 10.13	116717	14 140				
	[CNEA]	11.11-	116717	14 140	11.11-	115736	12 2.2	
	[CNFA]	09.10-	115730	14 140	09.10-	116248	12 2.2	
		09.10- 10.13	116717	14 140				
	[CNFB]	06.12-	116717	14 140	06.12-	115736	12 2.2	
	[CSHA]	11.11-	116717	14 140				
		09.11-	115707	14 110	09.11-	116248	12 2.2	
		09.11-	116359	14 140				
Amarok 3.0 TDi 4 Motion	[DDXC]	06.16-	116718	14 180				
Amarok 3.0 TDi 4motion	[DDXA]	06.16-	116718	14 180				
	[DDXB]	06.16-	116718	14 180				
	[DDXE]	05.18-	116718	14 180				
Arteon 1.5 TSi	[DADA]	11.17-	116228	12 180	11.17-	116156	12 2.0	
		11.17-	116229	12 180				
		11.17-	116298	14 140				
Arteon 2.0 TDi	[DFGA]	04.17-	114322	14 140	04.17-	115539	12 2.0	A49
		04.17-	115898	14 140				
		04.17-	116359	14 140	04.17-	116156	12 2.0	
		04.17-	116373	14 140				
		04.17-	116384	14 180				
		04.17-	116647	14 140				
	[DFHA]	04.17-	116717	14 140				
		05.17-	114322	14 140	05.17-	115539	12 2.0	A49
		05.17-	115898	14 140	05.17-	115560	12 1.7	
		05.17-	116195	14 180	05.17-	115402	12 1.8	
		05.17-	116373	14 140				
		05.17-	116647	14 140				
	[DTUA]	05.17-	116717	14 140				
		09.20-	116384	14 180				
	[CUAA]	04.17-	115898	14 140	A25 04.17-	115560	12 1.7	
		04.17-	116195	14 180	04.17-	116156	12 2.0	
		04.17-	116359	14 140	04.17-	115900	12 1.1	
		04.17-	116717	14 140				
	[DFHA]	05.17-	114322	14 140	05.17-	115539	12 2.0	A49
		05.17-	115898	14 140	05.17-	115560	12 1.7	
		05.17-	116195	14 180	05.17-	116156	12 2.0	
		05.17-	116359	14 140				
		05.17-	116373	14 140				
		05.17-	116647	14 140				
Arteon 2.0 TSi	[CZPB]	05.17-	116717	14 140				
		09.20-	116384	14 180				
		05.17-	116386	14 140				
Arteon 2.0 TSi 4motion	[DJHC]	05.17-	116747	14 180				
		04.17-	116386	14 140				
		04.17-	116747	14 180				
	[DNUA,DLRB]	09.18-	116387	14 140				
		09.18-	116747	14 180				
Arteon Shooting Brake 2.0 TDi	[DSRB,DSRA,DTSB,DTSA]	09.20-	116384	14 180	09.20-	115560	12 1.7	
		09.20-	116384	14 180	09.20-	115561	12 1.7	
Arteon Shooting Brake 2.0 TDi 4Motion	[DTUA]	09.20-	116384	14 180	09.20-	115561	12 1.7	
		09.20-	116386	14 140	09.20-	115561	12 1.7	
Arteon Shooting Brake 2.0 TSi	[CZPB, DNNA, DUNA, DKZA]	09.20-	116387	14 140	09.20-	115402	12 1.8	
		09.20-	116747	14 180	09.20-	116156	12 2.0	
		09.20-	116747	14 180	09.20-	116156	12 2.0	
Arteon Shooting Brake 2.0 TSi 4Motion	[DJHC]	06.20-	116747	14 180	06.20-	116156	12 2.0	
		09.20-	116747	14 180	09.20-	116156	12 2.0	
		09.20-	116747	14 180	09.20-	116156	12 2.0	
Beetle 1.2 TSi	[CBZB]	07.11-	115765	14 140	07.11-	115402	12 1.8	
		07.11-	115767	14 140	07.11-	114163	12 1.1	
		07.11-	116207	14 110	07.11-	115612	12 1.2	
Beetle 1.4 TSi	[CAVD]	12.12-	114884	14 140	10.11-	115612	12 1.2	
					12.12-	115539	12 2.0	A49
	[CNWA]	12.12-	114884	14 140	04.11-	115612	12 1.2	
					12.12-	115539	12 2.0	A49
	[CTHD]	12.12-	114884	14 140	04.11-	115612	12 1.2	
					12.12-	115561	12 1.7	
	[CTKA]	12.12-	114884	14 140	04.11-	115612	12 1.2	
					12.12-	115561	12 1.7	
	[CZDA]				12.14-	115612	12 1.2	
					12.14-	115696	12 1.1	
Beetle 1.6 TDi	[CAYC]	10.11-	113992	14 140	10.11-	113773	12 1.1	
		10.11-	115433	14 140	10.11-	115561	12 1.7	
		10.11-	116036	14 140	10.11-	114163	12 1.1	
		10.11-	116452	14 140	10.11-	116703	12 1.4	
					10.11-	115610	12 2.0	
					10.11-	115634	12 1.8	
					12.12-	115638	12 1.7	
Beetle 2.0 TDi	[CFFB]	12.12-	113992	14 140	12.12-	113773	12 1.1	
					12.12-	115638	12 1.7	
					12.12-	115638	12 1.7	
	[CUUA]	06.14- 09.18	116717	14 140	06.14- 09.18	116720	12 1.4	
		12.14-	115898	14 140	12.14-	115336	12 2.2	
					12.14-	115402	12 1.8	
	[CUUB]	07.14-	115898	14 140	07.14-	115336	12 2.2	
		07.14- 09.18	116717	14 140	07.14- 09.18	116156	12 2.0	
					09.14-	115402	12 1.8	
	[CVCA]	07.14-	115898	14 140	09.14- 09.18	116703	12 1.4	
		07.14- 09.18	116717	14 140	07.14-	114299	12 1.7	
					07.14- 09.18	116156	12 2.0	
	[DELA]	07.14-	116097	14 140	07.14-	116097	12 2.0	
					09.14-	114175	12 1.1	
					09.14-	114175	12 1.1	
Beetle 2.0 TSi	[CBFA]	09.14-	115898	14 140	11.11-	114175	12 1.1	
		09.14- 09.18	116717	14 140	09.14- 09.18	116097	12 2.0	
					09.14- 09.18	116097	12 2.0	
	[CCTA]	10.11-	114722	14 140	04.11-	115900	12 1.1	
					10.11-	113773	12 1.1	
					12.12-	113841	12 1.7	



Application list

VW Continued

	[CCZA]	04.11-	114722	14 140		04.11-	113841	12 1.7	
						04.11-	115900	12 1.1	
						12.12-	113773	12 1.1	
	[CPLA]					12.12-	115696	12 1.1	
						12.12-	115900	12 1.1	
	[CPPA]					12.12-	115696	12 1.1	
						12.12-	115900	12 1.1	
Bora 1.4 16V	[AHW]	09.01-	112075	14 70		09.01-	115504	12 1.1	A49
		10.98-	111989	14 90	6 Speed	10.98-	112429	12 2.0	
					10.98-	113515	12 0.9		
		AC			AT	09.01-	112286	12 1.7	
	[AKQ]	09.98- 05.00	111989	14 90	6 Speed	09.98- 05.00	112429	12 2.0	
		09.98- 05.00	112075	14 70		09.98- 05.00	115503	12 1.8	A49
	[APE]	01.99- 05.00	111989	14 90		01.99- 05.00	112429	12 2.0	
		01.99- 05.00	112075	14 70		01.99- 05.00	115503	12 1.8	A49
	[AXP]	05.00- 10.01	111989	14 90		05.00- 10.01	112429	12 2.0	
		05.00- 10.01	112075	14 70		05.00- 10.01	115503	12 1.8	A49
						09.01-	115504	12 1.1	A49
		AC			AT	09.01-	112286	12 1.7	
[BCA]	09.01-	112075	14 70		09.01-	115504	12 1.1	A49	
	10.01-	111989	14 90		10.01-	112286	12 1.7		
Bora 1.6	[AEH]	09.98-	111989	14 90		09.98-	112429	12 2.0	
		09.98-	112075	14 70		09.98-	111900	12 1.8	
					10.98-	115503	12 1.8	A49	
	[AKL]	09.98-	111989	14 90		09.98-	112429	12 2.0	
		09.98-	112075	14 70		09.98-	111900	12 1.8	
		09.98- 05.05	115483	14 120 A49		10.98- 05.05	112005	12 1.1	
		10.98- 05.05	112002	14 120 A47		10.98-	115503	12 1.8	A49
	[APF]	05.99-	111989	14 90	6 Speed	05.99-	112429	12 2.0	
		05.99-	112075	14 70		05.99-	111900	12 1.8	
					05.99-	115503	12 1.8	A49	
	[ATN]	08.99- 05.00	111989	14 90		08.99- 05.00	112005	12 1.1	
		08.99- 05.00	112075	14 70		08.99- 05.00	115504	12 1.1	A49
		08.99-	113887	14 90					
	[AVU]	08.00-	111989	14 90	6 Speed	08.00-	112429	12 2.0	
		08.00-	112002	14 120 A47	AT	08.00-	112286	12 1.7	
		08.00- 05.05	112075	14 70	AT	08.00-	111909	12 1.1	
		08.00- 05.05	115483	14 120 A49		08.00- 05.05	115504	12 1.1	A49
	[AWB]	06.02- 10.04	111989	14 90		06.02- 10.04	112286	12 1.7	
	[BFQ]	08.00- 05.05	111989	14 90	AT	08.00- 05.05	112286	12 1.7	
		08.00- 05.05	112002	14 120		08.00- 05.05	111900	12 1.8	
		08.00- 05.05	112075	14 70		08.00- 05.05	115504	12 1.1	A49
		08.00- 05.05	115483	14 120 A49					
	[BJH]	08.00- 05.05	111989	14 90	AT	08.00- 05.05	112286	12 1.7	
		08.00- 05.05	112002	14 120		08.00- 05.05	111900	12 1.8	
		12.01- 06.06	115483	14 120 A49					
Bora 1.6 16V	[ATN]	11.99- 05.00	111989	14 90		11.99- 05.00	112429	12 2.0	
		11.99- 05.00	112075	14 70		11.99- 05.00	115503	12 1.8	A49
					11.99- 05.00	115504	12 1.1	A49	
	[AUS]	02.00-	111989	14 90		02.00-	112429	12 2.0	
		02.00-	112075	14 70		02.00-	115503	12 1.8	A49
		05.00- 10.00	112274	14 90					
	[AZD]	02.00-	111989	14 90		02.00-	112429	12 2.0	
		02.00- 11.01	112075	14 70		02.00- 11.01	115503	12 1.8	A49
		02.00- 11.01	112273	14 70					
	[BCB]	02.00-	111989	14 90		02.00-	112429	12 2.0	
		02.00-	112273	14 70		11.01- 05.05	115504	12 1.1	A49
		11.01- 05.05	112075	14 70	AT	11.01- 05.05	112286	12 1.7	
		11.01- 05.05	112274	14 90					
Bora 1.8	[AGN]	10.98- 10.00	111989	14 90		10.98- 10.00	112429	12 2.0	
		10.98- 10.00	112075	14 70		10.98- 10.00	113515	12 0.9	
	[ARX]	09.00- 04.01	111989	14 90		09.00- 04.01	112429	12 2.0	
		09.00- 04.01	112075	14 70		09.00- 04.01	115504	12 1.1	A49
	[AUM]	05.00- 05.05	112002	14 120 A47		05.00- 05.05	111909	12 1.1	
		09.00- 05.05	111989	14 90		09.00- 05.05	112429	12 2.0	
		09.00- 05.05	112075	14 70		09.00- 05.05	115504	12 1.1	A49
		09.00- 05.05	115483	14 120 A49					
[BAF]	10.98- 05.05	111989	14 90	5 Speed	10.98- 05.05	112166	12 1.7		
Bora 1.8 4 Motion	[AGN]	02.99- 10.00	111989	14 90	6 Speed	02.99- 10.00	112429	12 2.0	
		02.99- 10.00	112075	14 70		02.99- 10.00	115503	12 1.8	A49
Bora 1.8 Turbo	[AGU]	05.00-	111989	14 90		05.00-	112429	12 2.0	
		05.00- 05.05	112002	14 120 A47		05.00- 05.05	111909	12 1.1	
		05.00-	112075	14 70		05.00-	115504	12 1.1	A49
		09.00- 05.05	115483	14 120 A49					
	[ARX]	05.00- 05.05	112002	14 120 A47		05.00- 05.05	111900	12 1.8	
		09.00- 04.01	111989	14 90	5 Speed	09.00- 04.01	112166	12 1.7	
		09.00- 04.01	112075	14 70		09.00- 04.01	115504	12 1.1	A49
		09.00- 04.01	115483	14 120 A49					
	[AUM]	05.00- 05.05	111989	14 90		05.00- 05.05	112429	12 2.0	
		05.00- 05.05	112002	14 120 A47		05.00- 05.05	111909	12 1.1	
		05.00- 05.05	112075	14 70		05.00- 05.05	115504	12 1.1	A49
		09.00- 05.05	115483	14 120 A49					
	[AUQ]	03.02- 05.05	112002	14 120 A47		03.02- 05.05	111909	12 1.1	
		05.02- 05.03	111989	14 90		05.02- 05.03	112429	12 2.0	
		05.02- 05.03	112075	14 70		05.02- 05.03	115504	12 1.1	A49
		05.02- 05.03	115483	14 120 A49					
	[BAE]	05.00- 05.05	111989	14 90		05.00- 05.05	112166	12 1.7	
	Bora 1.9 SDi	[AGP]	09.98- 04.01	115483	14 120 A49		10.98- 05.05	111909	12 1.1
10.98- 05.05			112002	14 120	AT, 5 Speed	10.98- 05.05	115523	12 2.3	
10.98- 05.05			112079	14 90					
10.98- 05.05			113340	14 70					
10.98- 05.05			114789	14 90 A49					
[AQW]		10.98-	112002	14 120 A47	5 Speed	10.98-	112005	12 1.1	
		10.98-	112079	14 90 A47		10.98-	115504	12 1.1	A49
		10.98-	113340	14 70					
		10.98- 05.05	114789	14 90 A49					
		10.98- 05.05	115483	14 120 A49					



Bora 1.9 TDi	[AGR]	07.04- 05.05	112002	14 120 A47	AT, 5 Speed	07.04- 05.05	111909	12 1.1	
		07.04- 05.05	113340	14 70		10.98-	115523	12 2.3	
		10.98-	112079	14 90 A47					
		10.98- 06.01	114789	14 90 A49					
		10.98- 05.05	115483	14 120 A49					
	[AHF]	10.98-	112002	14 120 A47		10.98-	112005	12 1.1	A49
		10.98-	112079	14 90 A47		10.98-	115504	12 1.1	
		10.98-	113340	14 70					
		10.98- 05.05	115483	14 120 A49					
	[AJM]	09.98- 05.01	115483	14 120 A49	AT, 5 Speed	05.99- 05.00	115504	12 1.1	A49
		12.98-	112002	14 120 A47		12.98-	111909	12 1.1	
		12.98-	112079	14 90 A47		12.98-	115523	12 2.3	
		12.98-	113340	14 70					
		12.98- 06.01	114789	14 90 A49					
	[ALH]	05.99- 05.00	112075	14 70	5 Speed	10.98-	112005	12 1.1	A49
		10.98-	112002	14 120 A47		10.98-	115504	12 1.1	
		10.98-	112079	14 90 A47					
		10.98-	113340	14 70					
		10.98- 06.01	114789	14 90 A49					
	[ARL]	10.98- 05.05	115483	14 120 A49					
		01.00- 05.05	115483	14 120 A49		05.00-	111909	12 1.1	
		05.00-	112002	14 120 A47		05.00-	114174	12 1.1	
		05.00-	112079	14 90 A47					
	[ASV]	10.00-	113340	14 70	AT	05.01-	115523	12 2.3	
		05.00- 05.05	115483	14 120 A49		10.98- 06.01	111909	12 1.1	
		10.98- 06.01	112002	14 120					
		10.98- 06.01	113340	14 70					
	[ASZ]	11.00-	112002	14 120 A47	4 Speed	11.00-	111909	12 1.1	
		11.00-	112079	14 90 A47		11.00-	114160	12 1.8	
		11.00-	113340	14 70					
		01.01- 05.05	115483	14 120 A49					
	[ATD]	01.00- 06.06	115483	14 120 A49	AT AT, 5 Speed	09.00-	111909	12 1.1	A49
		09.00-	112002	14 120 A47		09.00-	115523	12 2.3	
		09.00-	112079	14 90 A47		09.00-	115504	12 1.1	
		09.00-	113340	14 70					
	[AUU]	09.00- 05.05	114789	14 90 A49					
		01.00- 04.01	112075	14 70		01.00- 04.01	115504	12 1.1	
		01.00- 04.01	113340	14 70		12.98- 06.01	111909	12 1.1	
		01.00- 04.01	115483	14 120 A49		12.98- 06.01	115523	12 2.3	
	[AXR]	12.98- 06.01	112002	14 120 A47					
		12.98- 06.01	112079	14 90 A47					
		12.98- 06.01	112079	14 90 A47					
		12.98- 06.01	114789	14 90 A49					
Bora 1.9 TDi 4 Motion	[AGR]	09.00- 05.05	112002	14 120 A47	AT, 5 Speed	09.00- 05.05	111900	12 1.8	
		09.00- 05.05	112079	14 90 A47		09.00- 05.05	115523	12 2.3	
		09.00- 05.05	113340	14 70					
		09.00- 05.05	114789	14 90 A49					
		05.01- 05.05	115483	14 120 A49					
	[AJM]	02.99- 06.01	112002	14 120 A47	AT, 5 Speed	02.99- 06.01	111909	12 1.1	A49
		02.99- 06.01	112079	14 90 A47		02.99- 06.01	115523	12 2.3	
		02.99- 06.01	113340	14 70					
		02.99- 06.01	114789	14 90 A49					
		02.99- 05.05	115483	14 120 A49					
	[ALH]	09.98- 05.01	115483	14 120 A49		02.99- 06.01	111909	12 1.1	A49
		02.99- 06.01	112002	14 120 A47		02.99- 06.01	115504	12 1.1	
		02.99- 06.01	112079	14 90 A47		05.99-	112005	12 1.1	
		02.99- 05.00	113340	14 70					
		02.99- 06.01	114789	14 90 A49					
	[ARL]	09.98- 05.05	115483	14 120 A49		02.99-	112005	12 1.1	A49
		02.99-	112002	14 120 A47		02.99-	115504	12 1.1	
		02.99-	112079	14 90 A47					
		02.99-	113340	14 70					
	[ASZ]	02.99- 06.01	114789	14 90 A49					
		05.00-	112002	14 120 A47		05.00-	111909	12 1.1	
		05.00-	112079	14 90 A47		05.00-	114174	12 1.1	
		09.00- 05.05	115483	14 120 A49					
	[ATD]	10.00-	113340	14 70	AT, 5 Speed	05.01-	115523	12 2.3	
		01.01-	113340	14 70		AT 11.00-	111909	12 1.1	
		01.01- 05.05	115483	14 120 A49		AT, 5 Speed 11.00-	115523	12 2.3	
		11.00-	112002	14 120 A47		11.00-	114160	12 1.8	
	[AUU]	11.00-	112079	14 90 A47					
		01.00- 06.06	115483	14 120 A49		AT 09.00-	111909	12 1.1	
		09.00-	112002	14 120 A47		09.00-	114160	12 1.8	
		09.00-	112079	14 90 A47		09.00-	115504	12 1.1	
	[AXR]	09.00-	113340	14 70					A49
		09.00- 05.05	114789	14 90 A49					
		05.00- 06.01	112002	14 120 A47		05.00- 06.01	115504	12 1.1	
		05.00- 06.01	112079	14 90 A47		05.99- 06.01	115523	12 2.3	
Bora 2.0	[APK]	05.00- 04.01	114789	14 90 A49	AT, 5 Speed	05.00- 06.01	111909	12 1.1	
		05.00- 04.01	115483	14 120 A49					
	[AQY]	09.98-	111989	14 90		05.99-	115504	12 1.1	A49
		09.98-	112075	14 70		09.98-	112429	12 2.0	
		09.98- 05.05	115483	14 120 A49		09.98-	111900	12 1.8	
		10.98- 05.05	112002	14 120		10.98- 05.05	112005	12 1.1	
	[AZG]	04.00-	111989	14 90		04.00-	112429	12 2.0	A49
		04.00-	112075	14 70		04.00-	111900	12 1.8	
		05.01- 05.05	115483	14 120 A49		AT 05.01- 05.05	112286	12 1.7	
		05.99- 05.05	112002	14 120 A47		AT 05.01- 05.05	115504	12 1.1	
	[AZH]	05.99- 05.05	111909		6 Speed	05.99- 05.05	111909	12 1.1	A49
		04.00- 05.05	111989	14 90		AT 04.00- 05.05	112286	12 1.7	
		04.00- 05.05	112002	14 120 A47		04.00- 06.01	112429	12 2.0	
		04.00- 06.01	112075	14 70		04.00- 05.05	111909	12 1.1	
		04.00- 06.01	115483	14 120 A49		04.00- 06.01	115503	12 1.8	A49
						05.99- 05.05	112005	12 1.1	

VW Continued

	[AZJ]	04.00- 05.05	111989	14 90		04.00- 05.05	112005	12 1.1	
		04.00- 05.05	112002	14 120		04.00- 05.05	111900	12 1.8	
		04.00- 05.05	115483	14 120 A49		05.01- 05.05	112286	12 1.7	
		05.01- 05.05	112075	14 70	AT	05.01- 05.05	115504	12 1.1	A49
	[BBW]	10.98- 05.05	111989	14 90		05.99- 05.05	111909	12 1.1	
		10.98- 05.05	112002	14 120		10.98- 05.05	112005	12 1.1	
		10.98- 05.05	112075	14 70		10.98- 05.05	111900	12 1.8	
		10.98- 05.05	115483	14 120 A49		10.98- 05.05	115504	12 1.1	A49
Bora 2.0 4 Motion	[AZH]	04.00- 05.05	111989	14 90		04.00- 05.05	112429	12 2.0	
		04.00- 05.05	112002	14 120 A47		04.00- 06.01	112005	12 1.1	
		04.00- 05.05	112075	14 70		04.00- 05.05	111900	12 1.8	
		04.00- 05.05	115483	14 120 A49		04.00- 05.05	111909	12 1.1	
	[AZJ]	04.00- 06.01	111989	14 90		04.00- 05.05	115504	12 1.1	A49
		04.00- 05.05	112002	14 120 A47		04.00- 06.01	112429	12 2.0	
		04.00- 06.01	112075	14 70		04.00- 05.05	111909	12 1.1	
		05.01- 05.05	115483	14 120 A49		04.00- 06.01	115504	12 1.1	A49
Bora 2.3 V5	[AGZ]	08.97-	113340	14 70	5 Speed	10.98-	112005	12 1.1	
		10.98-	112002	14 120 A47		10.98-	115504	12 1.1	A49
		10.98-	112079	14 90 A47		05.99-	111909	12 1.1	
		10.98- 10.00	114789	14 90 A49	AT, 5 Speed	05.99-	115523	12 2.3	
	[AQN]	10.98- 12.99	115483	14 120 A49					
		09.00- 05.05	115483	14 120 A49		10.00-	111909	12 1.1	
		10.00-	112002	14 120 A47		10.00-	114160	12 1.8	
		10.00-	112079	14 90 A47					
Bora 2.3 V5 4 Motion	[AGZ]	10.00-	113340	14 70					
		05.00- 02.01	115483	14 120 A49		12.98-	112005	12 1.1	
		12.98-	112002	14 120 A47		12.98-	115504	12 1.1	A49
		12.98-	112079	14 90 A47					
	[AQN]	12.98-	113340	14 70					
		12.98- 10.00	114789	14 90 A49					
		09.00- 05.05	115483	14 120 A49		10.00-	111909	12 1.1	
		10.00-	112002	14 120 A47		10.00-	114160	12 1.8	
Bora 2.8 V6 4 Motion	[AQP]	10.00-	112079	14 90 A47					
		03.99-	113340	14 70					
		03.99-	112079	14 90 A47	AT, 5 Speed	03.99-	115504	12 1.1	A49
						05.99-	115523	12 2.3	
	[AUE]	01.00-	113340	14 70					
		01.00- 04.01	115483	14 120 A49	AT	05.00-	111909	12 1.1	
		05.00-	112002	14 120 A47		05.00-	112005	12 1.1	
		05.00-	112079	14 90 A47		05.00-	115504	12 1.1	A49
	[BDE]	05.00- 05.05	112002	14 120 A47					
		05.01- 05.05	115483	14 120 A49		05.00- 05.05	111909	12 1.1	
Caddy 1.0 TSi	[CHZG]	11.15-	116619	14 110					
		11.18-	116193	14 140					
		11.18-	116231	12 110					
		11.18-	116298	14 140					
Caddy 1.2 CDTi 16V	[CBZA]	09.10-	115765	14 140					
		09.10-	116207	14 110					
		09.10-	115765	14 140					
		09.10-	116207	14 110					
Caddy 1.2 TSi	[CYVC]	06.15-	116619	14 110					
		11.95- 12.97	111352	14 70					
		PS 11.95- 12.97	111353	14 70		11.95- 12.97	112307	12 1.1	
		11.95-	111479	14 90		11.95-	111059	12 0.9	
Caddy 1.4	[AEX]	11.95- 01.04	111820	14 90		11.95- 01.04	111900	12 1.8	
		PS 11.95- 12.97	111477	14 90		11.95- 01.04	113841	12 1.7	
		11.95- 01.04	111352	14 70		11.95- 12.97	112286	12 1.7	
		11.95- 01.04	111353	14 70		11.95- 01.04	111059	12 0.9	
	[AKV]	11.95- 01.04	111479	14 90		11.95- 01.04	112307	12 1.1	
		11.95- 01.04	111820	14 90		11.95- 01.04	111900	12 1.8	
		PS 11.97- 09.00	111477	14 90		11.95- 01.04	113841	12 1.7	
		11.95- 01.04	111352	14 70		11.97- 09.00	111909	12 1.1	
	[APQ]	11.95- 01.04	111353	14 70		11.95- 01.04	111059	12 0.9	
		11.95- 01.04	111353	14 70		11.95- 01.04	112307	12 1.1	
		11.95- 01.04	111479	14 90		11.95- 01.04	111900	12 1.8	
		11.95- 01.04	111820	14 90		11.95- 01.04	113841	12 1.7	
	PS	12.97- 01.04	111477	14 90		12.97- 01.04	112286	12 1.7	
						12.97- 01.04	111909	12 1.1	
Caddy 1.4 16V	[AUA]	08.00- 01.04	112274	14 90		08.00- 01.04	115402	12 1.8	
		08.00- 01.04	113340	14 70					
		09.00- 01.04	112273	14 70		09.00- 01.04	115402	12 1.8	
		09.00- 01.04	112274	14 90		11.95- 01.04	111060	12 1.7	
Caddy 1.4 TSi	[CZCB]	11.95- 01.04	111352	14 70		11.95- 01.04	112307	12 1.1	
		11.95- 01.04	111353	14 70		11.95- 01.04	111748	12 1.1	
		11.95- 01.04	111479	14 90		11.95- 01.04	113841	12 1.7	
		11.95- 01.04	111820	14 90		11.95- 01.04	116156	12 2.0	
Caddy 1.4 TGI CNG CNG	[CPWA]	11.95- 01.04	114728	14 100					
		03.04- 05.06	113874	14 110		03.04- 05.06	115402	12 1.8	
		03.04- 05.06	116587	14 110					
Caddy 1.4 TSi	[DJKD]	06.19-	116619	14 110					
		06.19-	116193	14 140					
		06.19-	116228	12 180					
		06.19-	116231	12 110					
Caddy 1.5	[JB]	06.19-	116298	14 140					
		06.19-	116619	14 110					
		08.82- 07.83	111653	14 45		08.82- 07.83	111748	12 1.1	
		05.11-	113992	14 140		05.11-	114758	12 0.9	
Caddy 1.6 BiFuel	[CHGA]	08.82- 07.85	110360	14 45		08.82- 07.85	111214	12 1.0	
		08.82- 07.85	110913	14 70		08.82- 07.85	111059	12 0.9	
		08.85- 07.90	111287	14 70					
		08.82- 07.92	110360	14 45		08.82- 07.92	111059	12 0.9	
Caddy 1.6 Diesel	[JK]	08.10-	113992	14 140		08.10-	115508	12 1.7	A49
		08.10-	115370	14 110		08.10-	115638	12 1.7	
		08.10-	115433	14 140		05.15-	114173	12 1.7	
		08.10-	116036	14 140		05.15-	114175	12 1.1	
Caddy 1.6 TDi	[CAYD]	08.10-	116452	14 140					
		05.15-	114109	14 180					



	[CAYE]	05.15-08.10-08.10-08.10-08.10-08.10-	114109113992115370115433116036116452	14 18014 14014 11014 14014 14014 140	08.10-08.10-08.10-05.15-05.15-	115504115508115638114173114175	12 1.112 1.712 1.712 1.712 1.1	A49A49
Caddy 1.6	[1F]	11.95- 05.9711.95- 05.97AC 11.95- 05.97	111352111479111477	14 7014 9014 90	11.95- 05.9711.95- 05.9711.95- 05.9711.95- 05.9711.95- 05.97	110996111059111900112236112286	12 1.712 0.912 1.812 1.812 1.7	A49
	[AEE]	06.97- 09.0006.97- 09.00AC	111353111477	14 7014 90	06.97- 09.0006.97- 09.0006.97-	11230711236112286	12 1.112 1.812 1.7	
	[BGU]	04.04-04.04- 05.05	111989113992	14 9014 140	04.04-04.04- 05.05	113842115376	12 1.712 1.8	
	[BSE]	06.05-	111989	14 90	06.05-06.05-	115539115336	12 2.012 2.2	A49
	[BSF]	06.05-06.05-	113992111989113992	14 14014 9014 140	06.05-06.05-06.05-	115539115336115339	12 2.012 2.212 2.0	A49
	[EM]	08.82- 07.83	111653	14 45	AT 08.82- 07.83	113509	12 1.7	
	[EW]	01.83- 07.9208.83- 07.8508.83- 07.8508.83- 07.8508.85- 07.92	110360110919111653112149	14 4514 6514 4514 65	AT 01.83- 07.9208.83- 07.8508.83- 07.8508.85- 07.92	110864111059113509115402	12 0.712 0.912 1.712 1.8	
Caddy 1.7 SDi	[AHB]	07.96- 09.0007.96- 09.98	111828111884	14 12014 90	07.96- 09.0007.96- 09.98	113841113842	12 1.712 1.7	
Caddy 1.8	[JH]	08.85- 07.92	112149	14 65	08.85- 07.92	115402	12 1.8	
Caddy 1.9 Diesel	[1Y]	11.95- 01.0411.95-	111352111477	14 7014 90	11.95- 01.0411.95-11.95-11.95-11.95- 01.04	112307111059111900112286112236	12 1.112 0.912 1.812 1.712 1.8	
	[AEF]	06.96- 12.00	111820	14 90	06.96- 12.00	113841	12 1.7	
Caddy 1.9 SDi	[AEY]	11.95- 09.0011.95- 09.00Chas. -9K-X-51571511.95- 08.9811.95- 09.00	111353111477111884111828	14 7014 9014 9014 120	11.95- 09.0011.95- 09.0011.95-11.95- 09.0011.95- 08.98	112307112236112286113841113842	12 1.112 1.812 1.712 1.712 1.7	
	[AYQ]	09.00- 01.0409.00- 06.0311.95- 01.0411.95- 01.0411.95- 01.04	113340115483112002112079114789	14 7014 120 A4914 120 A4714 90 A4714 90 A49	09.00- 01.0409.00- 06.0311.95- 01.0411.95- 01.0411.95- 01.04	115402116156115539115561116349	12 1.812 2.012 2.012 1.712 1.7	A49
Caddy 1.9 TDi	[1Z]	09.96- 01.0409.97- 01.04	111828111884	14 12014 90	09.96- 01.0409.97- 01.04	113841113842	12 1.712 1.7	
	[AHU]	10.96- 09.0010.96- 09.98	111828111884	14 12014 90	10.96- 09.0010.96- 09.98	113841113842	12 1.712 1.7	
	[ALE]	09.97- 09.00Chas. -9K-X-51571509.97- 09.00	111828111884	14 12014 90	09.97- 09.0009.97- 09.00	113841113842	12 1.712 1.7	
	[ALH]	09.00- 01.0409.00- 06.0310.96- 01.0410.96- 01.0410.96- 01.0410.96- 01.0409.97-10.96- 01.0409.97- 09.98	113340115483112002112079114789111828111884	14 7014 120 A4914 120 A4714 90 A4714 90 A4914 12014 90	09.00- 01.0409.00- 06.0309.97-09.97- 01.0409.97- 01.0410.96- 01.04	115402116156113841115560116349115539	12 1.812 2.012 1.712 1.712 1.712 2.0	A49
	[BJB]	04.04-04.04- 08.10	113992115370	14 14014 110	A25 04.04-04.04- 08.1004.04- 08.10	115336116156115945	12 2.212 2.012 1.4	
	[BLS]	06.05-06.05- 08.10	113992115370	14 14014 110	06.05-06.05- 08.10	115503115634	12 1.812 1.8	A49
	[BSU]	09.05-09.05- 08.10	113992115370	14 14014 110	A25 09.05-09.05- 08.10	115336115818	12 2.212 1.1	
Caddy 1.9 TDi 4 Motion	[BJB]	05.08-05.08- 08.10	113992115370	14 14014 110	05.08-05.08- 08.10	115503115634	12 1.812 1.8	A49
	[BLS]	05.08-05.08- 08.10	113992115370	14 14014 110	05.08-05.08- 08.10	115503115638	12 1.812 1.7	A49
Caddy 1.9 TDi 4motion	[BLS]	11.08- 08.10	115370	14 110	11.08- 08.10	115638	12 1.7	
Caddy 2.0 SDi	[BDJ]	03.04-03.04- 08.10	113992115370	14 14014 110	DKG 03.04-03.04-03.04- 08.10	115376115336116156	12 1.812 2.212 2.0	
	[BST]	06.05-06.05- 08.10	113992115370	14 14014 110	06.05-06.05- 08.10	115503115818	12 1.812 1.1	A49
Caddy 2.0 TDi 16V	[CFHC]	11.10-11.10-11.10-11.10-11.10-	113992115370115433116036116452	14 14014 11014 14014 14014 140	11.10-11.10-11.10-	115504115508115638	12 1.112 1.712 1.7	A49
	[CLCB]	11.10-11.10-11.10-11.10-11.10-	113992115370115433116036116452	14 14014 11014 14014 14014 140	11.10-11.10-	114299115612	12 1.712 1.2	
Caddy 2.0 TDi 16V 4motion	[CFHC]	11.10-11.10-11.10-11.10-11.10-	113992114697115370115433116036116452	14 14014 18014 11014 14014 14014 140	11.10-11.10-11.10-	114758114175115645	12 0.912 1.112 2.0	
Caddy 2.0 TDi	[BMM]	09.07-09.07- 08.10	113992115370	14 14014 110	09.07-09.07- 08.10	115336115818	12 2.212 1.1	
	[CFHC]	05.15-05.15-05.15-05.15-05.15-	113992114109115433116036116452	14 14014 18014 14014 14014 140	05.15-05.15-	114173114175	12 1.712 1.1	



VW Continued

	[CFHE]	11.10-	113992	14 140		11.10-	115508	12 1.7	A49
		11.10-	115370	14 110		11.10-	115645	12 2.0	
		11.10-	115433	14 140					
		11.10-	116036	14 140					
		11.10-	116452	14 140					
	[CFJA]	05.12-	113992	14 140	DKG	05.12-	114299	12 1.7	
		05.12-	115370	14 110		05.12-	115610	12 2.0	
		05.12-	115433	14 140		05.12-	115645	12 2.0	
		05.12-	116036	14 140					
		05.12-	116452	14 140					
	[CLCA]	08.10-	113992	14 140		08.10-	114299	12 1.7	
		08.10-	115370	14 110		08.10-	115610	12 2.0	
		08.10-	115433	14 140		08.10-	115612	12 1.2	
		08.10-	116036	14 140					
		08.10-	116452	14 140					
	[CUUB]	05.15-	115898	14 140					
		05.15-	116359	14 140					
		05.15-	116717	14 140					
	[CUUD]	05.15-	115898	14 140					
		05.15-	116359	14 140					
		05.15-	116717	14 140					
	[CUUF]	05.15-	115898	14 140					
		05.15-	116359	14 140					
		05.15-	116717	14 140					
Caddy 2.0 TDi 4motion	[CFHC]	05.15-	113992	14 140		05.15-	114175	12 1.1	
		05.15-	114109	14 180					
		05.15-	115433	14 140					
		05.15-	116036	14 140					
		05.15-	116452	14 140					
	[CFHE]	12.10-	113992	14 140		12.10-	115508	12 1.7	A49
		12.10-	115370	14 110		12.10-	115638	12 1.7	
		12.10-	115433	14 140					
		12.10-	116036	14 140					
		12.10-	116452	14 140					
	[CFHF]	08.10-	113992	14 140		08.10-	115508	12 1.7	A49
		08.10-	115370	14 110		08.10-	115638	12 1.7	
		08.10-	115433	14 140		05.15-	114173	12 1.7	
		08.10-	116036	14 140		05.15-	114175	12 1.1	
		08.10-	116452	14 140					
	[CUUE]	05.15-	115898	14 140					
		05.15-	116359	14 140					
		05.15-	116717	14 140					
	[DFSB]	11.15-	115898	14 140					
		11.15-	116359	14 140					
		11.15-	116717	14 140					
	[DFSC]	11.15-	115898	14 140					
		11.15-	116359	14 140					
		11.15-	116717	14 140					
Caddy 2.0 EcoFuel	[BSX]	04.06-	113992	14 140		04.06-	115336	12 2.2	
Caddy Alltrack 1.0 TSi	[CHZG]	11.15-	116619	14 110					
	[DKRD]	11.18-	116193	14 140		11.18-	115945	12 1.4	
		11.18-	116231	12 110		11.18-	115818	12 1.1	
		11.18-	116298	14 140					
Caddy Alltrack 1.2 TSi	[CYVC]	06.15-	116619	14 110					
Caddy Alltrack 1.4 TGI CNG CNG	[CPWA]	06.15-	116619	14 110					
Caddy Alltrack 1.4 TSi	[CZCB]	05.15-	116619	14 110					
Caddy Alltrack 1.4 TSi	[DJKD]	06.19-	116193	14 140	DKG	06.19-	115634	12 1.8	A49
		06.19-	116228	12 180		06.19-	115818	12 1.1	
		06.19-	116231	12 110					
		06.19-	116298	14 140					
		06.19-	116619	14 110					
Caddy Alltrack 1.6 TDi	[CAYD]	05.15-	115370	14 110		05.15-	113841	12 1.7	
		05.15-	113992	14 140		05.15-	115539	12 2.0	A49
		A25 05.15-	115433	14 140		05.15-	116156	12 2.0	
		A25 05.15-	116036	14 140		05.15-	115402	12 1.8	
		05.15-	116038	14 180		05.15-	114299	12 1.7	
	[CAYE]	05.15- 11.17	115370	14 110		05.15- 11.17	113841	12 1.7	
		05.15- 11.17	113992	14 140		05.15- 11.17	115539	12 2.0	A49
		A25 05.15- 11.17	115433	14 140		05.15- 11.17	116156	12 2.0	
		A25 05.15- 11.17	116036	14 140		05.15- 11.17	115402	12 1.8	
		05.15- 11.17	116038	14 180		05.15- 11.17	114299	12 1.7	
Caddy Alltrack 1.6 SRE	[CWVA]	11.15- 09.20	116383	14 140					
Caddy Alltrack 2.0 TDi	[CFHC]	05.15-	113992	14 140		05.15-	115539	12 2.0	A49
		05.15-	115370	14 110					
		05.15-	116038	14 180	A25 and DKG	05.15-	116156	12 2.0	
		A25 05.15-	115433	14 140	A25	05.15-	115402	12 1.8	
		A25 05.15-	116036	14 140					
	[CUUB]	05.15-	115898	14 140		05.15-	115336	12 2.2	
		05.15-	116359	14 140	DKG	05.15-	115638	12 1.7	
		05.15-	116717	14 140					
	[CUUD]	05.15-	115898	14 140		05.15-	115336	12 2.2	
		05.15-	116359	14 140	A25 and DKG	05.15-	115610	12 2.0	
		05.15-	116717	14 140					
	[CUUF]	05.15-	115898	14 140		05.15-	115336	12 2.2	
		05.15-	116359	14 140	A25 and DKG	05.15-	115610	12 2.0	
		05.15-	116717	14 140					
	[DFSB]	05.15-	115898	14 140	A25	05.15-	115336	12 2.2	
		05.15-	116359	14 140					
		05.15-	116717	14 140					
	[DFSD]	05.15-	115898	14 140	A25	05.15-	115336	12 2.2	
		05.15-	116359	14 140					
		05.15-	116717	14 140					
	[DFSF]	05.15-	115898	14 140	A25	05.15-	115336	12 2.2	
		05.15-	116359	14 140					
		05.15-	116717	14 140					
Caddy Alltrack 2.0 TDi 4 Motion	[CUUE]	05.15-	115898	14 140	A25	05.15-	115402	12 1.8	
					05.15-	115336	12 2.2		
		05.15-	116359	14 140	DKG	05.15-	115634	12 1.8	
		05.15-	116717	14 140					



	[DFS]	11.15-	115898	14	140	A25	11.15-	115402	12	1.8		
		11.15-	116359	14	140		11.15-	115336	12	2.2		
		11.15-	116717	14	140	DKG	11.15-	115638	12	1.7		
	[DFSE]	05.15-	115898	14	140	A25	05.15-	115336	12	2.2		
		05.15-	116359	14	140							
		05.15-	116717	14	140							
Caddy Alltrack 2.0 TDI 4Motion	[CFHC]	05.15-	113992	14	140		05.15-	113841	12	1.7		
		05.15-	115370	14	110		05.15-	115539	12	2.0	A49	
		05.15-	116038	14	180		05.15-	116156	12	2.0		
		A25 05.15-	115433	14	140		05.15-	115402	12	1.8		
		A25 05.15-	116036	14	140		05.15-	114299	12	1.7		
	[CFHF]	05.15- 05.16	113992	14	140		05.15- 05.16	113841	12	1.7		
						05.15- 05.16	115539	12	2.0	A49		
		05.15- 05.16	116038	14	180	A25 and DKG	05.15- 05.16	116156	12	2.0		
		A25 05.15- 05.16	115433	14	140	A25	05.15- 05.16	115402	12	1.8		
A25 05.15- 05.16	116036	14	140		05.15- 05.16	114299	12	1.7				
Caddy California V Camper 1.5 TSI TSi	[DPBC]					DKG	01.21-	115561	12	1.7		
						Manual gearbox	01.21-	115560	12	1.7		
Caddy California V Camper 1.6 SRE	[DWYA]						02.21-	115696	12	1.1		
Caddy California V Camper 2.0 TDI	[DTRC]					DKG	09.20-	116156	12	2.0		
						Manual gearbox	09.20-	115402	12	1.8		
							09.20-	115539	12	2.0	A49	
	[DTRE]						09.20-	115402	12	1.8		
	[DTRF]						09.20-	115402	12	1.8		
Caddy California V Camper 2.0 TDI	[DTRC]					DKG	03.21-	116156	12	2.0		
						Manual gearbox	03.21-	115402	12	1.8		
							03.21-	115539	12	2.0	A49	
Caddy MPV 1.5 TSI Evo	[DPBC]					DKG	01.21-	115561	12	1.7		
							01.21-	115560	12	1.7		
Caddy MPV 2.0 TDI BMT	[DTRC]					DKG	09.20-	116156	12	2.0		
							09.20-	115402	12	1.8		
	[DTRE]						09.20-	115402	12	1.8		
	[DTRF]						09.20-	115402	12	1.8		
California T4 Camper 1.9 TD TD	[ABL]	07.94- 04.02	111479	14	90	AT	07.94- 04.02	111060	12	1.7		
		07.94- 04.02	111820	14	90							
		07.94- 04.02	113406	14	90	Manual gearbox	07.94- 04.02	113387	12	2.0		
California T4 Camper 2.5 TDI	[AJT, AYY]	05.98- 04.03	111898	14	120	AT	05.98- 04.03	111060	12	1.7		
		05.98- 04.03	111899	14	90	AT	05.98- 04.03	112286	12	1.7		
		05.98- 04.03	112043	14	90	Manual gearbox	05.98- 04.03	113387	12	2.0		
		05.98- 04.03	113754	14	120	Manual gearbox	05.98- 04.03	116340	12	2.0		
		05.98- 04.03	113884	14	150							
	[AXG, AHY]	07.99- 04.03	112043	14	90		07.99- 04.03	112167	12	1.8		
		07.99- 04.03	113754	14	120	Manual gearbox	07.99- 04.03	113387	12	2.0		
	[AYC]	04.01- 04.03	112043	14	90		04.01- 04.03	112444	12	2.0	A49	
		04.01- 04.03	113754	14	120		04.01- 04.03	113387	12	2.0		
		04.01- 04.03	113884	14	150		04.01- 04.03	116340	12	2.0		
California T4 Camper 2.5	[APL, AVT]	05.99- 04.03	112043	14	90		05.99- 04.03	112444	12	2.0	A49	
		05.99- 04.03	113754	14	120	Manual gearbox	05.99- 04.03	113387	12	2.0		
California T4 Camper 2.8 VR6	[AES]	07.96- 05.00	111676	14	90	AT	07.96- 05.00	111060	12	1.7		
		07.96- 05.00	113275	14	120		07.96- 05.00	113387	12	2.0		
		07.96- 05.00	113885	14	150							
	[AMV]	05.00- 04.01	113275	14	120	Manual gearbox	05.00- 04.01	113387	12	2.0		
		05.00- 04.01	113884	14	150							
		05.00- 04.01	113885	14	150							
	California T5 Camper 1.9 TDI TDI	[AXB]	05.07- 11.09	111989	14	90		05.07- 11.09	113678	12	2.2	
	05.07- 11.09		112002	14	120		05.07- 11.09	113841	12	1.7		
05.07- 11.09	113992		14	140		05.07- 11.09	113842	12	1.7			
05.07- 11.09	115483		14	120	A25	05.07- 11.09	115336	12	2.2			
05.07- 11.09	115483		14	120	A49							
	[AXC]	05.07- 11.09	111989	14	90		05.07- 11.09	113841	12	1.7		
		05.07- 11.09	112002	14	120		05.07- 11.09	113678	12	2.2		
		05.07- 11.09	113992	14	140	A25	05.07- 11.09	115336	12	2.2		
	05.07- 11.09	115483	14	120	A49							
	[BRS]	05.07- 11.09	111989	14	90	Manual gearbox	05.07- 11.09	113841	12	1.7		
05.07- 11.09		112002	14	120		05.07- 11.09	115402	12	1.8			
05.07- 11.09		113992	14	140		05.07- 11.09	113678	12	2.2			
05.07- 11.09		115483	14	120	A49							
California T5 Camper 2.0 TDI	[CFCA]	09.09- 08.15	114697	14	180		09.09- 08.15	113842	12	1.7		
09.09- 08.15		115707	14	110		09.09- 08.15	115507	12	2.2	A49		
09.09- 08.15		115730	14	140		09.09- 08.15	114299	12	1.7			
09.09- 08.15		116195	14	180		09.09- 08.15	115638	12	1.7			
09.09- 08.15		116359	14	140								
[CAAA]		09.09- 08.15	114697	14	180		09.09- 08.15	115539	12	2.0	A49	
		09.09- 08.15	115707	14	110		09.09- 08.15	115507	12	2.2	A49	
		09.09- 08.15	115730	14	140		09.09- 08.15	116156	12	2.0		
		09.09- 08.15	116195	14	180		09.09- 08.15	115638	12	1.7		
		09.09- 08.15	116359	14	140							
[CAAB]		09.09- 08.15	114697	14	180		09.09- 08.15	115539	12	2.0	A49	
		09.09- 08.15	115707	14	110		09.09- 08.15	115507	12	2.2	A49	
		09.09- 08.15	115730	14	140		09.09- 08.15	116156	12	2.0		
		09.09- 08.15	116195	14	180		09.09- 08.15	115638	12	1.7		
		09.09- 08.15	116359	14	140							
[CAAC, CCHA]		09.09- 08.15	114697	14	180		09.09- 08.15	113842	12	1.7		
		09.09- 08.15	115707	14	110		09.09- 08.15	115336	12	2.2		
		09.09- 08.15	115730	14	140		09.09- 08.15	114299	12	1.7		
		09.09- 08.15	116195	14	180		09.09- 08.15	115638	12	1.7		
	09.09- 08.15	116359	14	140								
[CAAD]	05.11- 08.15	114697	14	180		05.11- 08.15	115539	12	2.0	A49		
	05.11- 08.15	115707	14	110		05.11- 08.15	115507	12	2.2	A49		
	05.11- 08.15	115730	14	140		05.11- 08.15	116156	12	2.0			
	05.11- 08.15	116195	14	180								
	05.11- 08.15	116359	14	140								
	[CAAE, CCHB]	05.10- 08.15	114697	14	180		05.10- 08.15	115539	12	2.0	A49	
		05.10- 08.15	115707	14	110		05.10- 08.15	115507	12	2.2	A49	
		05.10- 08.15	115730	14	140		05.10- 08.15	116156	12	2.0		
		05.10- 08.15	116195	14	180		05.10- 08.15	115638	12	1.7		
		05.10- 08.15	116359	14	140							



VW Continued

California T5 Camper 2.0 TDI 4motion	[CFCA]	01.10- 08.15	114697	14 180		01.10- 08.15	115402	12 1.8	A49	
		01.10- 08.15	115707	14 110		01.10- 08.15	115508	12 1.7		
		01.10- 08.15	115730	14 140		01.10- 08.15	115900	12 1.1		
		01.10- 08.15	116195	14 180						
		01.10- 08.15	116359	14 140						
	[CAAC, CCHA]	10.09- 08.15	114697	14 180		10.09- 08.15	115402	12 1.8	A49	
		10.09- 08.15	115707	14 110		10.09- 08.15	115508	12 1.7		
		10.09- 08.15	115730	14 140		DKG 10.09- 08.15	115900	12 1.1		
		10.09- 08.15	116195	14 180						
		10.09- 08.15	116359	14 140						
	[CAAE, CCHB]	05.10- 08.15	114697	14 180		05.10- 08.15	115402	12 1.8	A49	
		05.10- 08.15	115707	14 110		05.10- 08.15	115508	12 1.7		
		05.10- 08.15	115730	14 140		05.10- 08.15	115638	12 1.7		
		05.10- 08.15	116195	14 180						
		05.10- 08.15	116359	14 140						
California T5 Camper 2.5 TDI	[AXD, BNZ]	05.07- 11.09	113947	14 180		05.07- 11.09	113841	12 1.7		
	[AXE, BPC]	05.07- 11.09	113947	14 180		05.07- 11.09	113841	12 1.7		
	[BLJ]	05.07- 11.09	113947	14 180		05.07- 11.09	113841	12 1.7		
California T5 Camper 2.5 TDI 4motion	[AXD, BNZ]	05.07- 11.09	113947	14 180		05.07- 11.09	113841	12 1.7		
	[AXE, BPC]	05.07- 11.09	113947	14 180		05.07- 11.09	113841	12 1.7		
California T6 Camper 2.0 TDI	[CFCA]	04.15- 12.19	114697	14 180		04.15- 12.19	113841	12 1.7	A49	
		04.15- 12.19	115707	14 110		04.15- 12.19	115539	12 2.0		
		04.15- 12.19	115730	14 140						
		04.15- 12.19	116195	14 180		DKG 04.15- 12.19	116156	12 2.0		
		04.15- 12.19	116359	14 140		04.15- 12.19	116097	12 2.0		
	[CXEC]	08.18-	115898	14 140		A25 08.18-	115402	12 1.8		
		08.18-	116195	14 180		08.18-	116411	12 2.2		
		08.18-	116359	14 140		08.18-	116097	12 2.0		
	[CXGA]	04.15- 07.19	115898	14 140		A25 04.15- 07.19	115402	12 1.8		
		04.15- 07.19	116195	14 180		Manual gearbox 04.15- 07.19	116411	12 2.2		
		04.15- 07.19	116359	14 140		04.15- 07.19	116097	12 2.0		
		04.15- 07.19	116576	14 180						
	[CXGB, CAAB]	04.15- 12.19	114697	14 180		04.15- 12.19	113841	12 1.7	A49	
		04.15- 12.19	115707	14 110		04.15- 12.19	115539	12 2.0		
		04.15- 12.19	115730	14 140						
		04.15- 12.19	115898	14 140		A25 04.15- 12.19	115402	12 1.8		
		04.15- 12.19	116195	14 180		04.15- 12.19	115336	12 2.2		
		04.15- 12.19	116359	14 140		A25 04.15- 12.19	116156	12 2.0		
	[CXHB]	04.15- 12.19	116576	14 180						
		05.16- 08.19	116195	14 180		05.16- 08.19	116411	12 2.2		
		05.16- 08.19	116359	14 140		05.16- 08.19	116097	12 2.0		
		05.16- 08.19	116576	14 180						
	[CXHC, DNAB]	07.19-	115898	14 140		Manual gearbox 07.19-	115402	12 1.8		
		07.19-	116195	14 180		Manual gearbox 07.19-	116411	12 2.2		
		07.19-	116359	14 140		07.19-	116097	12 2.0		
	[CAAC]	04.15- 12.19	114697	14 180		04.15- 12.19	113841	12 1.7	A49	
		04.15- 12.19	115707	14 110		04.15- 12.19	115539	12 2.0		
		04.15- 12.19	115730	14 140						
	[DMZA, CXEB]	06.15-	115898	14 140		A25 06.15-	115402	12 1.8		
		06.15-	116195	14 180		06.15-	114299	12 1.7		
		06.15-	116359	14 140		06.15-	116156	12 2.0		
	[DNAC, CXGD]	10.19-	115898	14 140		A25 10.19-	115402	12 1.8		
		10.19-	116195	14 180		10.19-	116156	12 2.0		
		10.19-	116359	14 140		10.19-	115900	12 1.1		
	[DNAA, CXHA, CXFA]	04.15-	115898	14 140		A25 04.15-	115561	12 1.7		
		04.15-	116195	14 180		04.15-	115336	12 2.2		
		04.15-	116359	14 140		A25 04.15-	116156	12 2.0		
		04.15-	116576	14 180						
	California T6 Camper 2.0 TDI 4motion	[CFCA]	06.15- 12.19	114697	14 180		06.15- 12.19	115539	12 2.0	A49
			06.15- 12.19	115707	14 110		A25 06.15- 12.19	115561	12 1.7	
			06.15- 12.19	115730	14 140		A25 06.15- 12.19	116156	12 2.0	
			06.15- 12.19	116195	14 180		06.15- 12.19	115638	12 1.7	
		[CXEC]	06.15- 12.19	116359	14 140					
			08.18-	115898	14 140		08.18-	115336	12 2.2	
			08.18-	116195	14 180		A25 08.18-	116156	12 2.0	
08.18-			116359	14 140		08.18-	115900	12 1.1		
[CAAC]		06.15- 12.19	114697	14 180		06.15- 12.19	113841	12 1.7	A49	
		06.15- 12.19	115707	14 110		06.15- 12.19	115539	12 2.0		
		06.15- 12.19	115730	14 140		A25 06.15- 12.19	115560	12 1.7		
		06.15-	115898	14 140		06.15-	115336	12 2.2		
[DMZA, CXEB]	06.15-	116195	14 180		A25 06.15-	116156	12 2.0			
	06.15-	116359	14 140		A25 06.15-	115638	12 1.7			
	06.15-	116576	14 180		06.15-	115336	12 2.2			
[DNAA, CXHA, CXFA]	08.15-	115898	14 140		08.15-	115336	12 2.2			
	08.15-	116195	14 180		A25 08.15-	116156	12 2.0			
	08.15-	116359	14 140		08.15-	115696	12 1.1			
	08.15-	116576	14 180							
California T6 Camper 2.0 TSI	[CJKA]	04.15- 07.19	116387	14 140		04.15- 07.19	115638	12 1.7		
		A25 04.15- 07.19	116386	14 140						
		A25 04.15- 07.19	116747	14 180						
	[CJKB]	04.15- 07.19	116387	14 140		04.15- 07.19	115638	12 1.7		
		A25 04.15- 07.19	116386	14 140						
California T6 Camper 2.0 TSI 4motion	[CJKA]	A25 04.15- 07.19	116747	14 180						
		06.15- 07.19	116387	14 140		06.15- 07.19	115638	12 1.7		
		A25 06.15- 07.19	116386	14 140						
Caravelle 1.8	[PD]	12.90- 07.92	112149	14 65		A25 12.90- 07.92	115336	12 2.2		
		07.19-	116195	14 180						
Caravelle 2.0 TDI	[CXHC]	07.19-	116359	14 140						
CC 1.4 TSi MultiFuel	[CKMA]	11.11-	115528	14 140	A49	11.11-	115402	12 1.8		
		11.11-	116345	14 140		11.11-	115612	12 1.2		
		11.11-	116586	14 140						
CC 1.4 TSi	[CTHD]	11.11-	115528	14 140	A49	11.11-	115402	12 1.8		
		11.11-	116345	14 140		11.11-	115638	12 1.7		
		11.11-	116586	14 140						
CC 1.8 TSi	[CDAA]	11.11- 12.16	116716	14 140		A25 02.12-	115402	12 1.8		
		02.12-	114722	14 140						



CC 2.0 TDI	[CFFA]	11.11-	113992	14 140		11.11-	113841	12 1.7	A49
		11.11-	114109	14 180		11.11-	115539	12 2.0	
		11.11-	114831	14 180		11.11-	115402	12 1.8	
		11.11-	115713	14 180 A49	A25	11.11-	115900	12 1.1	
		11.11-	116319	14 180		11.11-	115638	12 1.7	
	[CFFB]	11.11-	114831	14 180		11.11-	115402	12 1.8	A49
		11.11-	115713	14 180 A49	A25	11.11-	116156	12 2.0	
		11.11-	116319	14 180		11.11-	115638	12 1.7	
		02.12-	113992	14 140		02.12-	113773	12 1.1	
	[CFGB]	11.11-	113992	14 140		11.11-	113509	12 1.7	A49
		11.11-	114831	14 180	A25	11.11-	115402	12 1.8	
		11.11-	115713	14 180 A49	A25	11.11-	115337	12 2.0	
		11.11-	116319	14 180		11.11-	115638	12 1.7	
	[CFGC]	12.12-	113992	14 140		12.12-	113841	12 1.7	A49
		12.12-	114831	14 180		12.12-	115402	12 1.8	
	[CLLA]	11.11-	113992	14 140		11.11-	113841	12 1.7	A49
		11.11-	115713	14 180 A49		11.11-	115944	12 1.7	
		11.11-	116319	14 180		11.11-	115638	12 1.7	
	[CUVC]	05.15-	115898	14 140		05.15-	115818	12 1.1	A49
		05.15-	116359	14 140		05.15-	115612	12 1.2	
		05.15- 12.16	116717	14 140					
	[CUWA]	05.15-	115898	14 140		05.15-	115638	12 1.7	A49
		05.15-	116359	14 140		05.15-	115612	12 1.2	
		05.15- 12.16	116717	14 140					
CC 2.0 TDI 4 Motion	[CFFB]	11.11-	113992	14 140		11.11-	113841	12 1.7	A49
		11.11-	114109	14 180		11.11-	115638	12 1.7	
		11.11-	114831	14 180	A25	11.11-	115402	12 1.8	
		11.11-	115713	14 180 A49		11.11-	116156	12 2.0	
		11.11-	116319	14 180					
	[CFGB]	11.11-	113992	14 140		11.11-	113841	12 1.7	A49
		11.11-	114109	14 180		11.11-	115539	12 2.0	
		11.11-	115713	14 180 A49		11.11-	116156	12 2.0	
		11.11-	116319	14 180		11.11-	115638	12 1.7	
CC 2.0 TDi 4motion	[CFGC]	12.12-	113992	14 140		12.12-	113841	12 1.7	A49
		12.12-	114831	14 180	A25	12.12-	115402	12 1.8	
CC 2.0 TSi	[CCZB]	11.11- 12.16	116716	14 140		02.12-	115539	12 2.0	A49
		02.12-	114722	14 140					
CC 3.6 FSi 4motion	[BWS]	11.11- 12.16	116717	14 140					
		02.12-	116438	14 180					
Coccinelle 1.5 1500 1.5 (11)	[L]					09.66- 07.70	110363	12 0.7	
Corrado 1.8 16V	[KR]	08.89- 07.92	112750	14 90		AT 08.89- 07.92	111748	12 1.1	
						08.91- 07.92	111749	12 1.1	
Corrado 1.8 G60	[PG]					08.91- 09.93	111749	12 1.1	
Corrado 2.0 i 16V	[9A]	08.91- 07.95	112750	14 90		AT 08.91- 07.95	111748	12 1.1	
						08.91- 07.95	111749	12 1.1	
Corrado 2.0 i	[ZE]	04.93- 09.94	111352	14 70		AT 04.93- 09.94	111059	12 0.9	A49
		04.93- 09.94	111479	14 90		04.93- 09.94	112166	12 1.7	
		AC 04.93- 09.94	111477	14 90		04.93- 09.94	111749	12 1.1	
						04.93- 09.94	112131	12 1.4	
	[ADY]	10.94- 07.95	111352	14 70		AT 10.94- 07.95	111059	12 0.9	A49
		10.94- 07.95	111479	14 90		AT 10.94- 07.95	111748	12 1.1	
						10.94- 07.95	111749	12 1.1	
						08.91- 07.92	112286	12 1.7	
						08.92-	112131	12 1.4	
Corrado 2.9 VR6	[ABV]	08.91- 07.92	111353	14 70		AT 08.91- 07.92	112286	12 1.7	
		08.92-	111477	14 90					
Crafter 2.0 TDI	[DASA]	08.17-	116195	14 180					A49
		08.17-	116359	14 140					
		08.17-	116717	14 140					
	[DAUA]	09.16-	115898	14 140		DKG 09.16- 09.16-	115402	12 1.8	A49
							116411	12 2.2	
		09.16-	116195	14 180					
		09.16-	116359	14 140					
	[DAUB]	09.16-	116717	14 140					A49
		10.16-	115898	14 140		DKG 10.16- 10.16-	115402	12 1.8	
							116411	12 2.2	
		10.16-	116195	14 180					
	[DAVA]	10.16-	116359	14 140					A49
		10.16-	116717	14 140					
		09.16-	115898	14 140		DKG 09.16- 09.16-	115402	12 1.8	
							116411	12 2.2	
	[DAWA]	09.16-	116195	14 180					A49
		09.16-	116359	14 140					
		09.16-	116717	14 140					
		05.17-	116195	14 180		07.17-	116411	12 2.2	
	[DAWA]	05.17-	116359	14 140					A49
		05.17-	116717	14 140					
		07.17-	115898	14 140					
Crafter 2.0 TDI 4motion	[DAUA]	04.17-	115898	14 140		04.17-	116411	12 2.2	A49
		04.17-	116195	14 180					
		04.17-	116359	14 140					
		04.17-	116717	14 140					
	[DAVA]	03.17-	116717	14 140					A49
Crafter 30-35 2.0 TDi	[CKTB]	05.11- 12.16	116717	14 140					A49
	[CKTC]	05.11-	114697	14 180		05.11-	116248	12 2.2	A49
		05.11-	115707	14 110	A25	05.11-	115736	12 2.2	
		05.11-	115730	14 140					
		05.11-	116359	14 140					
		05.11- 12.16	116717	14 140					
	A25	05.11-	116195	14 180					A49
	[CKUB]	07.11-	115707	14 110		07.11-	116248	12 2.2	A49
		07.11- 12.16	116717	14 140					
	[CKUC]	10.11- 12.16	116717	14 140					A49
	[CSLB]	11.13-	115707	14 110		11.13-	115841	12 2.4	
		11.13- 12.16	116717	14 140					A49
	[CSNA]	07.11-	115707	14 110		07.11-	115841	12 2.4	
		07.11- 12.16	116717	14 140					
Crafter 30-35 2.0 TDi 4motion	[CKUB]	07.11- 12.16	116717	14 140		11.11-	115841	12 2.4	A49
		11.11-	115707	14 110					
	[CSNA]	07.11- 12.16	116717	14 140		11.11-	115841	12 2.4	A49
		11.11-	115707	14 110					



VW Continued

Crafter 30-35 2.5 TDi	[BJJ]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180		04.06-	115736	12 2.2
	[BJK]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180		04.06-	115736	12 2.2
	[BJL]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180		04.06-	115736	12 2.2
	[BJM]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180		04.06-	115736	12 2.2
	[CEBA]	04.06-	113992	14 140		04.06-	116248	12 2.2
		04.06-	115370	14 110				
		04.06-	116038	14 180				
	[CEBB]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180		04.06-	115736	12 2.2
	[CECA]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180		04.06-	115736	12 2.2
	[CECB]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180				
Crafter 30-50 2.0 TDi	[CKTB]	05.11- 12.16	116717	14 140				
	[CKTC]	05.11-	114697	14 180		05.11-	116248	12 2.2
		05.11-	115707	14 110		05.11-	115841	12 2.4
		05.11-	115730	14 140	A25	05.11-	115736	12 2.2
		05.11-	116359	14 140				
		05.11- 12.16	116717	14 140				
	[CKUB]	A25 05.11-	116195	14 180				
		07.11-	115707	14 110		07.11-	115841	12 2.4
	[CKUC]	07.11- 12.16	116717	14 140				
		10.11- 12.16	116717	14 140				
	[CSLB]	11.13-	115707	14 110		11.13-	115841	12 2.4
		11.13- 12.16	116717	14 140				
	[CSLC]	11.15-	115707	14 110		11.15-	115841	12 2.4
		11.15-	116359	14 140				
		11.15- 12.16	116717	14 140				
	[CSNA]	07.11-	115707	14 110	A25	07.11-	115736	12 2.2
		07.11- 12.16	116717	14 140		07.11-	115841	12 2.4
Crafter 30-50 2.5 TDi	[BJJ]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180		04.06-	115736	12 2.2
	[BJK]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180				
	[BJL]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180				
	[BJM]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180				
	[CEBA]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	115841	12 2.4
		04.06-	116038	14 180		04.06-	116248	12 2.2
	[CEBB]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	115841	12 2.4
		04.06-	116038	14 180		04.06-	116248	12 2.2
	[CECA]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180		04.06-	115841	12 2.4
	[CECB]	04.06-	113992	14 140		04.06-	114317	12 2.0
		04.06-	115370	14 110		04.06-	116248	12 2.2
		04.06-	116038	14 180		04.06-	115841	12 2.4
Crafter Bus 2.0 TDi 4Motion	[DAUA]	04.17-	115898	14 140	DKG	04.17-	115402	12 1.8
		04.17-	116195	14 180		04.17-	116411	12 2.2
		04.17-	116359	14 140				
	[DAVA]	03.17-	115898	14 140	DKG	03.17-	115402	12 1.8
		03.17-	116195	14 180		03.17-	116411	12 2.2
		03.17-	116359	14 140				
Derby 0.9	[HA]	08.79- 09.81	110913	14 70				
Derby 1.0	[GL]	02.80- 09.81	110360	14 45				
		10.81- 12.84	110360	14 45				
Derby 1.1	[HB]	10.81- 12.84	110913	14 70				
		02.77- 09.81	110360	14 45				
Derby 1.1	[HD]	08.79- 09.81	110913	14 70				
Derby 1.3	[GK]	02.77- 09.81	110360	14 45				
		09.82- 12.84	110360	14 45				
	[HH]	09.82- 12.84	110913	14 70				
		08.79- 09.81	110913	14 70				
	[HJ]	02.80- 09.81	110360	14 45				
		01.77- 09.81	110360	14 45				
	[HK]	08.79- 09.81	110913	14 70				
		08.83- 12.84	110360	14 45				
Eos 1.4 TSi	[CAVD]	08.83- 12.84	110913	14 70				
		05.08-	114769	14 110		05.08-	114163	12 1.1
	[CAXA]	11.07-	114884	14 140		05.08-	114163	12 1.1
		11.07-	115528	14 140	A49	11.07-	114163	12 1.1
		11.07-	116345	14 140		11.07-	115900	12 1.1
Eos 1.6 FSi	[CTHD]	05.08-	114769	14 110				
	[BLF]	06.06-	114769	14 110		06.06-	114163	12 1.1
Eos 2.0 TDi 16V	[CBAB]	05.08-	113992	14 140		05.08-	113841	12 1.7
		05.08-	115433	14 140		05.08-	115900	12 1.1
		05.08-	116036	14 140		05.08-	115638	12 1.7
		05.08-	116452	14 140				



	[CFFB]	05.08- 05.08- 05.08- 05.08-	113992 115433 116036 116452	14 140 14 140 14 140 14 140	A25	05.08- 05.08- 05.08-	115402 115900 115638	12 1.8 12 1.1 12 1.7
Eos 2.0 TDi	[BMM]	06.06- 06.06-	113992 115370	14 140 14 110		06.06- 06.06-	113773 116156	12 1.1 12 2.0
	[CFFA]	05.08- 05.08- 05.08- 05.08-	114697 115433 116036 116452	14 180 14 140 14 140 14 140	AT	05.08- 05.08- 05.08-	115333 115900 115638	12 1.0 12 1.1 12 1.7
Eos 2.0 FSi	[BVY]	03.06-	113992	14 140		03.06-	113509	12 1.7
	[BVZ]	03.06-	113992	14 140		03.06-	115539	12 2.0 A49
Eos 2.0 TFSi	[BWA]	03.06-	113992	14 140		03.06-	113773	12 1.1
	[CAWB]	05.08- 05.08-	113992 114722	14 140 14 140		05.08- 05.08-	113509 115333	12 1.7 12 1.0
	[CCZA]	05.09-	114722	14 140	DKG	05.09-	115333	12 1.0
Eos 2.0 TSi	[CCZB]	11.09-	114722	14 140		11.09-	114175	12 1.1
Eos 3.2 FSi	[BUB]	06.06- 06.06-	113992 115370	14 140 14 110		06.06- 06.06-	113773 114163	12 1.1 12 1.1
Eurovan 2.0 CNG	[AXA]	11.03- 05.11 11.03- 05.11 11.03- 05.11 11.03- 05.11 11.03- 05.11	111989 112002 112079 113992 115483	14 90 14 120 14 90 14 140 14 120 A49		11.03- 05.11	114163	12 1.1
Fox 1.2	[BMD]	04.05-	113253	14 90		04.05-	113515	12 0.9
	[CHFA]	09.10- 12.11	113253	14 90		09.10- 12.11	113515	12 0.9
	[CHFB]	04.05-	113253	14 90		04.05-	113515	12 0.9
Fox 1.4 TDi	[BNM]	04.05- 04.05- 04.05-	112079 114789 115764	14 90 A47 14 90 A49 14 90		04.05- 04.05-	112438 116335	12 2.0 A49 12 2.0
Fox 1.4	[BKR]	AC 04.05-	112274	14 90		04.05-	113515	12 0.9
Golf 1.0 TSi	[DKRB]	12.18- 12.18-	116193 116298	14 140 14 140				
Golf 1.5 TSi	[DADA]	11.18- 11.18- 11.18- 11.18- 11.18-	116193 116228 116229 116231 116298	14 140 12 180 12 180 12 110 14 140				
Golf 1.6 BiFuel Plus	[CHGA]	05.09- 05.09-	113992 115621	14 140 14 110		05.09- 05.09-	115560 115818	12 1.7 12 1.1
Golf 1.6 TDi Plus	[CAYB]	02.09- 02.09- 02.09- 02.09- 02.09-	113992 115433 116036 116452	14 140 14 140 14 140 14 140		02.09- 02.09- 02.09-	114299 114176 115818	12 1.7 12 1.0 12 1.1
Golf VI 1.2 TSi	[CBZA]	05.10- 11.12 05.10- 11.12 05.10- 11.12	115765 115767 116207	14 140 14 140 14 110		05.10- 11.12 05.10- 11.12	114163 115818	12 1.1 12 1.1
	[CBZB]	06.11- 06.11-	115765 116207	14 140 14 110		06.11- 06.11-	114163 115818	12 1.1 12 1.1
Golf VI 1.4 TSi	[CAVD]	06.11-	114884	14 140		06.11-	115336	12 2.2
	[CNWA]	06.11-	114884	14 140	A25 and DKG	06.11- 06.11-	115337 115612	12 2.0 12 1.2
	[CTHD]	06.11-	114884	14 140		06.11- 06.11-	114175 115612	12 1.1 12 1.2
	[CTKA]	06.11-	114884	14 140		06.11- 06.11-	114175 115612	12 1.1 12 1.2
Golf VI 1.6 Multijet	[CMXA]	07.09-	113992	14 140		07.09-	115402	12 1.8
Golf VI 1.6 TDi	[CAYC]	06.11- 06.11- 06.11- 06.11-	113992 115433 116036 116452	14 140 14 140 14 140 14 140		06.11- 06.11- 06.11- 06.11-	113773 114176 115818 115645	12 1.1 12 1.0 12 1.1 12 2.0
Golf VI 2.0 TDi	[CFHC]	06.11- 06.11- 06.11-	115433 116036 116452	14 140 14 140 14 140		06.11- 06.11- 06.11-	114163 115818 115612	12 1.1 12 1.1 12 1.2
	[CUUA]	11.13- 11.13- 11.13- 05.16	115898 116359 116717	14 140 14 140 14 140		11.13- 11.13- 11.13- 05.16	115900 115645 115612	12 1.1 12 2.0 12 1.2
Golf VI 2.0 TSi	[CCZB]	06.11-	114722	14 140	A25	06.11-	115336	12 2.2
Golf Alltrack 1.6 TDi 4motion	[CRKB]	12.14- 12.14- 12.14- 12.14- 12.14-	115898 116359 116373 116647 116717	14 140 14 140 14 140 14 140 14 140		12.14-	115402	12 1.8
	[CXXB]	12.14- 12.14- 12.14- 12.14- 12.14-	115898 116359 116373 116647 116717	14 140 14 140 14 140 14 140 14 140		12.14- 12.14-	115561 116097	12 1.7 12 2.0
Golf Alltrack 1.8 TSi 4motion	[CJSB]	12.14-	116747	14 180				
Golf Alltrack 2.0 TDi 4motion	[CRBC]	12.14- 12.14- 12.14- 12.14- 12.14- 05.18	115898 116359 116373 116647 116717	14 140 14 140 14 140 14 140 14 140		12.14-	116097	12 2.0
	[CRLB]	12.14- 12.14- 12.14- 12.14- 12.14- 05.18	115898 116359 116373 116647 116717	14 140 14 140 14 140 14 140 14 140		12.14- 12.14-	115402 115638	12 1.8 12 1.7
	[CUNA]	12.14- 12.14- 12.14- 12.14- 12.14-	115898 116359 116373 116647 116717	14 140 14 140 14 140 14 140 14 140		12.14-	115402	12 1.8
Golf Hatchback Van 1.9 TDi	[BKC]	11.03- 02.06 11.03- 02.06	113992 115370	14 140 14 110	AT	11.03- 02.06 11.03- 02.06	113509 113842	12 1.7 12 1.7
Golf I 1.1	[FA]	04.74- 07.79	110360	14 45		04.74- 07.79	110864	12 0.7
	[FJ]	08.76- 07.80	110360	14 45	AT	08.76- 07.80	110864	12 0.7
	[GG]	04.74- 07.83 08.79- 07.83	110360 110913	14 45 14 70		04.74- 07.83 08.79- 07.83	110864 111059	12 0.7 12 0.9



VW Continued

Golf I 1.3	[GF]	09.79- 07.83	110913	14	70	09.79- 07.83	111059	12	0.9
		02.80- 07.83	110360	14	45	AT 02.80- 07.83	110864	12	0.7
	[GS]	08.82- 07.83	110360	14	45	AT 08.82- 07.83	110864	12	0.7
		08.82- 07.83	110913	14	70	08.82- 07.83	111059	12	0.9
Golf I 1.5 Diesel	[CK]	08.79- 07.80	110360	14	45	AT 08.79- 07.80	110864	12	0.7
		08.79- 07.80	110913	14	70	08.79- 07.80	111059	12	0.9
Golf I 1.5	[JB]	08.77- 07.83	110360	14	45	AT 08.77- 07.83	110864	12	0.7
		08.79- 07.83	111653	14	45	08.79- 07.83	116349	12	1.7
Golf I 1.6 Diesel	[CR]	08.80- 07.83	110360	14	45	AT 08.80- 07.83	110864	12	0.7
		08.80- 07.83	110913	14	70	08.80- 07.83	111059	12	0.9
	[JK]	08.80- 07.83	110360	14	45	AT 08.80- 07.83	110864	12	0.7
		08.80- 07.83	110913	14	70	08.80- 07.83	111059	12	0.9
Golf I 1.6 TD	[CY]	03.82- 07.83	110360	14	45	AT 03.82- 07.83	110864	12	0.7
		03.82- 07.83	110913	14	70	03.82- 07.83	111059	12	0.9
Golf I 1.6	[EG]	01.79- 07.82	111653	14	45				
	[EM]	08.79- 07.83	110919	14	65	08.79- 07.83	116349	12	1.7
		08.79- 07.83	111653	14	45				
	[EW]	08.83- 07.85	110919	14	65	08.83- 07.85	110996	12	1.7
		08.85- 12.92	112149	14	65				A49
	[FN]	08.75- 02.84	110360	14	45	08.75- 02.84	111059	12	0.9
	[FP]	08.75- 02.84	110360	14	45	AT 08.75- 02.84	110864	12	0.7
	[RE]	04.86- 07.90	112149	14	65				
Golf I 1.6 GTi	[EG]	08.76- 07.82	110913	14	70	08.76- 07.82	111059	12	0.9
		09.77- 07.82	111653	14	45				
Golf I 1.8	[ZH]	08.89- 08.93	112149	14	65				
		08.82- 07.83	111653	14	45	08.83- 07.85	110996	12	1.7
	[DX]	08.83- 07.85	110919	14	65				A49
		08.85- 07.92	112149	14	65				
		01.84- 07.85	110919	14	65	01.84- 07.85	111748	12	1.1
	[EV]	08.85- 07.87	112149	14	65				
		08.83- 07.85	110919	14	65	08.83- 07.85	110996	12	1.7
	[EX]	08.85- 12.92	112149	14	65				A49
		08.83- 07.85	110919	14	65	08.83- 07.85	116349	12	1.7
	[JH]	08.85- 08.93	112149	14	65				
Golf I 1.8 GTi	[PB]	01.87- 07.92	112149	14	65				
	[DX]	08.82- 07.83	111653	14	45				
	[JJ]	08.82- 07.83	111653	14	45				
Golf II 1.0	[HZ]	08.85- 10.91	111288	14	65	08.85- 10.91	111059	12	0.9
Golf II 1.3	[ZG]	01.89- 07.92	111288	14	65	01.89- 07.92	111060	12	1.7
	[GT]	07.85- 07.87	111288	14	65	07.85- 07.87	111059	12	0.9
	[MH]	08.85- 12.88	111288	14	65	08.85- 12.88	111060	12	1.7
	[NU]	08.85- 12.87	111288	14	65	08.85- 12.87	111059	12	0.9
	[NZ]	08.85- 07.92	111288	14	65	08.85- 07.92	111060	12	1.7
		08.83- 07.90	111288	14	65	08.83- 07.90	111060	12	1.7
Golf II 1.6		08.89- 07.91	111154	14	65	08.89- 07.91	111059	12	0.9
Golf II 1.6 Diesel	[JP]	08.85- 10.91	111154	14	65	08.85- 10.91	111059	12	0.9
		08.85- 10.91	111288	14	65				
		AC 08.83- 05.84	112729	14	90				
	[ME]	05.88- 10.91	111154	14	65	05.88- 10.91	111059	12	0.9
		05.88- 10.91	111288	14	65				
		08.89- 07.92	111154	14	65	08.89- 07.92	111059	12	0.9
Golf II 1.6 TD	[1V]	08.89- 07.92	111154	14	65				
		08.89- 07.92	111288	14	65				
	[JR]	08.85- 10.91	111154	14	65	08.85- 10.91	111059	12	0.9
		08.85- 10.91	111288	14	65				
	AC	08.83- 05.84	112729	14	90				
		05.88- 10.91	111154	14	65	05.88- 10.91	111059	12	0.9
	[MF]	05.88- 10.91	111288	14	65				
		04.89- 02.90	111154	14	65	04.89- 02.90	111059	12	0.9
	[RA]	04.89- 02.90	111288	14	65				
		04.89- 10.91	111154	14	65	04.89- 10.91	111059	12	0.9
Golf II 1.6	[SB]	04.89- 10.91	111288	14	65				
		08.83- 07.85	110919	14	65	08.83- 07.85	111059	12	0.9
	[EZ]	08.85- 07.88	112149	14	65	AT 08.83- 07.85	110864	12	0.7
		08.85- 08.91	112149	14	65	08.85- 08.91	111060	12	1.7
	[HM]	08.83- 07.85	110919	14	65	AT 08.83- 07.85	110864	12	0.7
		08.85- 07.88	112149	14	65	08.85- 07.88	111060	12	1.7
	[PN]	10.86- 07.92	112149	14	65	10.86- 07.92	111060	12	1.7
		02.86- 10.91	112149	14	65				
	[RF]	08.83- 07.85	110919	14	65	AT 08.83- 07.85	110864	12	0.7
		08.85- 10.91	112149	14	65	08.85- 10.91	111748	12	1.1
Golf II 1.8	[GU]	06.83- 07.85	110919	14	65	AT 06.83- 07.85	110864	12	0.7
		08.85- 07.88	112149	14	65	08.85- 07.88	112131	12	1.4
	[GX]	08.85- 07.88	112149	14	65	08.83- 07.85	111059	12	0.9
		08.83- 07.85	110919	14	65				
	[HV]	08.85- 07.87	112149	14	65				
		08.86- 07.90	112149	14	65	08.86- 07.90	112131	12	1.4
	[RH]	06.83- 07.85	110919	14	65	06.83- 07.85	111059	12	0.9
		08.85- 10.91	112149	14	65				
Golf II 1.8 Syncro	[1P]	08.88- 07.91	112149	14	65				
		02.86- 07.91	112149	14	65				
	[GX]	02.86- 07.88	112149	14	65				
		08.87- 07.88	112149	14	65				
	[RH]	08.87- 10.91	112149	14	65	08.87- 10.91	111748	12	1.1
		08.83- 07.85	110919	14	65	08.83- 07.85	111059	12	0.9
Golf II 1.8 GTi	[EV]	08.85- 07.87	112149	14	65				
		08.83- 07.85	110919	14	65	08.83- 07.85	111059	12	0.9
	[GZ]	08.85- 07.88	112149	14	65				
		08.83- 07.85	110919	14	65	08.83- 07.85	111059	12	0.9
	[HT]	01.85- 07.85	110919	14	65	01.85- 07.85	111059	12	0.9
		08.85- 10.91	112149	14	65				
	[PB]	08.85- 10.91	112149	14	65				
		08.85- 10.87	112149	14	65				
Golf III 1.4	[RV]	01.85- 07.85	110919	14	65	01.85- 07.85	111059	12	0.9
		11.91- 07.95	111352	14	70	11.91- 07.95	111059	12	0.9
	PS	11.91- 07.95	111353	14	70	11.91- 07.95	112307	12	1.1
		11.91- 07.95	111479	14	90	11.91- 07.95	115504	12	1.1
	PS	11.91- 07.95	111477	14	90	07.93- 07.95	112286	12	1.7
						11.91- 07.95	111909	12	1.1
						11.91- 07.95	111748	12	1.1
						03.92- 07.95	112005	12	1.1



	[AEX]	07.95- 04.99	111352	14 70	AT	07.95- 04.99	112286	12 1.7	A49
		PS 07.95- 04.99	111353	14 70		07.95- 12.97	112307	12 1.1	
		07.95- 04.99	111479	14 90		07.95- 04.99	115504	12 1.1	
		PS 07.95- 04.99	111477	14 90		07.95- 04.99	111909	12 1.1	
						07.95- 04.99	111748	12 1.1	
	[APQ]	12.97- 05.98	111352	14 70		12.97- 05.98	112236	12 1.8	A49
		12.97- 05.98	111479	14 90		12.97- 05.98	115504	12 1.1	
		AC 12.97- 05.98	111353	14 70		12.97- 05.98	111900	12 1.8	
		AC 12.97- 05.98	111477	14 90		12.97- 05.98	115503	12 1.8	
			AC 08.91- 05.96	111820	14 90				
Golf III 1.6	[ABU]	09.92- 09.94	111352	14 70		09.92- 09.94	111059	12 0.9	A49
		09.92- 09.94	111479	14 90		09.92- 09.94	115504	12 1.1	
		ACPS 09.92- 09.94	111353	14 70		09.92- 09.94	112005	12 1.1	
		ACPS 09.92- 09.94	111477	14 90		09.92- 09.94	111748	12 1.1	
	[AEA]	10.94- 12.97	111352	14 70		10.94- 12.97	111059	12 0.9	A49
		10.94- 12.97	111479	14 90		10.94- 12.97	115504	12 1.1	
	[AEE]	07.95- 12.97	111353	14 70	AT	07.95- 12.97	111909	12 1.1	
		07.95- 12.97	111477	14 90		07.95- 12.97	111748	12 1.1	
	[AEK]	10.94- 12.95	111352	14 70	AT	10.94- 12.95	112286	12 1.7	A49
		10.94- 12.95	111479	14 90		10.94- 12.95	115504	12 1.1	
		PS 07.94- 12.95	111353	14 70		07.94- 12.95	111909	12 1.1	
		PS 07.94- 12.95	111477	14 90		07.94- 12.95	111748	12 1.1	
	[AFT]	12.95- 02.99	111352	14 70		12.95- 02.99	112286	12 1.7	A49
		AC 12.95- 02.99	111353	14 70		12.95- 12.97	112236	12 1.8	
		12.95- 02.99	111479	14 90		12.95- 02.99	115504	12 1.1	
		PS 12.95- 02.99	111477	14 90		12.95- 02.99	111748	12 1.1	
						12.95- 02.99	111909	12 1.1	
						12.95- 12.97	111900	12 1.8	
						12.95- 12.97	111749	12 1.1	
						12.95- 12.97	115503	12 1.8	
[AKS]	12.95- 12.97	111352	14 70	AT	12.95- 12.97	112286	12 1.7	A49	
	12.95- 12.97	111353	14 70		12.95- 12.97	111909	12 1.1		
	12.95- 12.97	111479	14 90		12.95- 12.97	115504	12 1.1		
	PS 05.97- 02.99	111477	14 90		05.97- 02.99	111748	12 1.1		
Golf III 1.6		08.92- 06.95	111352	14 70		08.92- 06.95	112236	12 1.8	A49
		08.92- 06.95	111353	14 70		08.92- 06.95	111900	12 1.8	
		AC 08.92- 06.95	111477	14 90		08.92- 06.95	115503	12 1.8	
		08.92- 06.95	111479	14 90					
		PS 08.92- 06.95	111820	14 90					
Golf III 1.8	[ABS]	11.91- 09.94	111352	14 70		11.91- 09.94	112236	12 1.8	A49
		AC 11.91- 09.94	111353	14 70		11.91- 09.94	111900	12 1.8	
		11.91- 09.94	111479	14 90		11.91- 09.94	115503	12 1.8	
		AC 11.91- 09.94	111477	14 90		11.91- 09.94	115503	12 1.8	
	[ADZ]	10.94- 04.97	111352	14 70		10.94- 04.97	112236	12 1.8	A49
		10.94- 04.97	111479	14 90		10.94- 04.99	111900	12 1.8	
						10.94- 04.97	115503	12 1.8	
		AC 10.94- 04.99	111353	14 70					
	[AAM]	AC 10.94- 04.97	111477	14 90					A49
		11.91- 12.97	111352	14 70		11.91- 12.97	112236	12 1.8	
		11.91- 12.97	111479	14 90					
						11.91- 12.97	111900	12 1.8	
		AC 11.91- 12.97	111353	14 70		11.91- 12.97	115503	12 1.8	
		AC 11.91- 12.97	111477	14 90					
Golf III 1.8 Syncro	[ABS]	01.93- 09.94	111352	14 70		01.93- 09.94	111059	12 0.9	A49
		01.93- 09.94	111479	14 90		01.93- 09.94	115504	12 1.1	
		AC 01.93- 09.94	111353	14 70		01.93- 09.94	111909	12 1.1	
		AC 01.93- 09.94	111477	14 90		01.93- 09.94	111748	12 1.1	
	[ADZ]	10.94- 12.97	111352	14 70	AT	10.94- 12.97	111059	12 0.9	A49
AC 10.94- 12.97		111353	14 70	10.94- 12.97		112286	12 1.7		
10.94- 12.97		111479	14 90	10.94- 12.97		115504	12 1.1		
AC 10.94- 12.97		111477	14 90	10.94- 12.97		111909	12 1.1		
					10.94- 12.97	111748	12 1.1		
					10.94- 12.97	111749	12 1.1		
Golf III 1.8	[AAM]	08.91- 07.95	111352	14 70		08.91- 07.95	112166	12 1.7	A49
		08.91- 07.95	111353	14 70		08.91- 07.95	111900	12 1.8	
		08.91- 07.95	111477	14 90		08.91- 07.95	115503	12 1.8	
		08.91- 07.95	111479	14 90		08.91- 07.95	115503	12 1.8	
		AC 08.91- 07.95	111820	14 90					
Golf III 1.9 Diesel	[1Y]	11.91- 12.97	111352	14 70		11.91- 12.97	111059	12 0.9	A49
		AC 11.91- 12.97	111353	14 70		11.91- 12.97	115504	12 1.1	
		11.91- 12.97	111479	14 90		07.93- 04.99	112236	12 1.8	
		AC 11.91- 12.97	111477	14 90		11.91- 12.97	112005	12 1.1	
			AC 07.93- 04.99	111884	14 90		11.91- 12.97	111900	12 1.8
					08.91- 07.95	115503	12 1.8	A49	
Golf III 1.9 SDI	[AEY]	01.95-	111988	14 120		01.95-	111749	12 1.1	A49
		08.95- 09.97	111352	14 70		04.97-	111909	12 1.1	
		08.95- 09.97	111353	14 70		08.95- 09.97	112166	12 1.7	
		08.95- 09.97	111477	14 90		08.95- 09.97	111900	12 1.8	
		08.95- 09.97	111479	14 90		08.95- 09.97	115503	12 1.8	
		08.95- 09.97	111820	14 90					
		AC 08.95- 09.97	111884	14 90					
Golf III 1.9 TD	[AAZ]	11.91- 12.97	111352	14 70		11.91- 12.97	111059	12 0.9	A49
		AC 11.91- 12.97	111353	14 70		11.91- 12.97	115504	12 1.1	
		11.91- 12.97	111479	14 90		07.93- 04.99	112307	12 1.1	
		AC 11.91- 12.97	111477	14 90		11.91- 12.97	112005	12 1.1	
		AC 11.91- 12.97	111884	14 90		11.91- 12.97	111748	12 1.1	
						07.93- 04.99	111909	12 1.1	
Golf III 1.9 TDi	[1Z]	08.91- 09.97	111353	14 70		08.91- 09.97	111900	12 1.8	A49
		08.91- 09.97	111477	14 90		08.91- 09.97	115503	12 1.8	
		08.91- 09.97	111820	14 90		09.93- 07.96	112005	12 1.1	
		AC 08.95- 05.98	111884	14 90		09.93- 07.96	111748	12 1.1	
		08.91- 09.97	111988	14 120		03.94- 07.96	111909	12 1.1	
		AC 08.95- 05.98	111828	14 120					
	[AFN]	03.96-	111353	14 70		03.96-	111909	12 1.1	
		03.96-	111477	14 90		03.96-	111749	12 1.1	
		03.96-	111988	14 120		07.96- 04.98	111748	12 1.1	
		04.96-	111828	14 120					



VW Continued

	[AHU]	07.96-	111353	14 70	07.96-	111909	12 1.1			
		07.96-	111477	14 90	07.96-	111748	12 1.1			
		AC 08.96- 05.98	111884	14 90	08.96- 12.97	112005	12 1.1			
		07.96-	111988	14 120						
		08.96- 12.97	111828	14 120						
	[ALE]	07.95- 04.99	111353	14 70	07.95- 04.99	111900	12 1.8			
		07.95- 04.99	111477	14 90	07.95- 04.99	115503	12 1.8	A49		
		AC 08.95- 05.98	111884	14 90	AT 05.97- 12.97	111909	12 1.1			
		07.95- 04.99	111988	14 120	05.97- 12.97	111749	12 1.1			
		05.97- 12.97	111828	14 120						
Golf III 1.9 TDi Syncro	[1Z]	08.95- 07.96	111353	14 70	08.95- 07.96	111909	12 1.1			
		08.95- 07.96	111477	14 90	08.95- 07.96	111748	12 1.1			
		08.95- 07.96	111988	14 120						
	[AHU]	07.96-	111353	14 70	07.96-	111909	12 1.1			
		07.96-	111477	14 90	07.96-	111748	12 1.1			
AC 07.96-		111988	14 120							
	[ALE]	A21 08.96- 12.97	111828	14 120						
		05.96-	111477	14 90	05.96-	111748	12 1.1			
		05.96-	111988	14 120						
	Golf III 2.0	[2E]	07.93- 09.94	111352	14 70	AT 07.93- 09.94	112286	12 1.7		
			07.93- 09.94	111479	14 90	07.93- 09.94	115504	12 1.1	A49	
AC 09.93- 09.94			111353	14 70	09.93- 09.94	111909	12 1.1			
AC 09.93- 09.94			111477	14 90	09.93- 09.94	111748	12 1.1			
[ADY]		10.94- 05.96	111352	14 70	AT 10.94- 05.96	112286	12 1.7			
		10.94- 05.96	111479	14 90	10.94- 05.96	115504	12 1.1	A49		
		AC 10.94- 07.95	111353	14 70	10.94- 07.95	111909	12 1.1			
		AC 10.94- 07.95	111477	14 90	10.94- 07.95	111748	12 1.1			
[AGG]		07.95- 04.99	111352	14 70	07.95- 04.99	112286	12 1.7			
		07.95- 04.99	111479	14 90	07.95- 04.99	115504	12 1.1	A49		
		AC 07.95- 04.99	111353	14 70	07.95- 04.99	111909	12 1.1			
		AC 07.95- 04.99	111477	14 90	07.95- 04.99	111748	12 1.1			
[AKR]		04.97- 05.98	111352	14 70	AT 04.97- 05.98	112286	12 1.7			
		04.97- 05.98	111479	14 90	04.97- 05.98	115504	12 1.1	A49		
		AC 04.97- 05.98	111353	14 70	04.97- 05.98	111909	12 1.1			
		AC 04.97- 05.98	111477	14 90	04.97- 05.98	111748	12 1.1			
Golf III 2.0 Syncro		[AGG]	08.95- 12.97	111352	14 70	08.95- 12.97	112286	12 1.7		
			08.95- 12.97	111353	14 70	08.95- 12.97	111909	12 1.1		
			08.95-	111479	14 90	08.95-	115504	12 1.1	A49	
			AC 08.95- 12.97	111477	14 90	08.95- 12.97	111748	12 1.1		
Golf III 2.0 GTi 16V	[ABF]	08.92- 12.97	111353	14 70	08.92- 12.97	111909	12 1.1			
		08.92- 12.97	111477	14 90	08.92- 12.97	111748	12 1.1			
		Golf III 2.0 GTi	[2E]	11.91- 09.94	111352	14 70	11.91- 09.94	112236	12 1.8	
				11.91- 09.94	111479	14 90	11.91- 09.94	115504	12 1.1	A49
AC 11.91- 09.94	111353			14 70	11.91- 09.94	111900	12 1.8			
AC 11.91- 09.94	111477			14 90	11.91- 09.94	115503	12 1.8	A49		
[ABA]	11.91- 08.97		111352	14 70	11.91- 08.97	112236	12 1.8			
	11.91- 08.97		111479	14 90	11.91- 08.97	115504	12 1.1	A49		
	AC 11.91- 08.97		111353	14 70	11.91- 08.97	111900	12 1.8			
	AC 11.91- 08.97		111477	14 90	11.91- 08.97	115503	12 1.8	A49		
[ADY]	10.94- 12.97		111352	14 70	10.94- 12.97	112307	12 1.1			
	10.94- 12.97		111479	14 90	10.94- 12.97	115504	12 1.1	A49		
	AC 10.94- 12.97		111353	14 70	10.94- 12.97	111909	12 1.1			
	AC 10.94- 12.97		111477	14 90	10.94- 12.97	111748	12 1.1			
[AGG]	07.95- 12.97		111479	14 90	07.95- 12.97	115504	12 1.1	A49		
	AC 07.95- 12.97		111353	14 70	07.95- 12.97	111909	12 1.1			
	AC 07.95- 12.97		111477	14 90	07.95- 12.97	111748	12 1.1			
	[AKR]		05.97- 12.97	111479	14 90	05.97- 12.97	115504	12 1.1	A49	
AC 05.97- 12.97		111353	14 70	AT 05.97- 12.97	111909	12 1.1				
AC 05.97- 12.97		111477	14 90	05.97- 12.97	111748	12 1.1				
Golf III 2.0		[AGG]	08.95- 09.97	111352	14 70	08.95- 09.97	112166	12 1.7		
	08.95- 09.97		111479	14 90	08.95- 09.97	111900	12 1.8			
	AC 08.95- 09.97		111353	14 70	08.95- 09.97	115503	12 1.8	A49		
	AC 08.95- 09.97		111477	14 90						
	AC 08.95- 09.97		111820	14 90						
Golf III 2.0 GTi	[ABF]	08.91- 09.97	111353	14 70	08.91- 09.97	111900	12 1.8			
		08.91- 09.97	111477	14 90	08.91- 09.97	115503	12 1.8	A49		
		08.91- 09.97	111820	14 90						
Golf IV 1.4 16V	[AHW]	10.97- 05.98	111820	14 90	AT 10.97- 05.98	112286	12 1.7			
		05.98-	112075	14 70	05.98-	115504	12 1.1	A49		
		AC 05.98-	111989	14 90	05.99-	112005	12 1.1			
	[AKQ]	05.98-	111989	14 90	AT 10.97- 05.98	112286	12 1.7			
		05.99- 05.00	112075	14 70	05.98-	112236	12 1.8			
		10.97- 05.98	111820	14 90	05.99- 05.00	112005	12 1.1			
					05.99- 05.00	115504	12 1.1	A49		
	[APE]	08.97- 06.05	111989	14 90	08.97- 06.05	111909	12 1.1			
		05.99- 05.00	112075	14 70	05.99- 05.00	115504	12 1.1	A49		
	[AXP]	05.00-	111989	14 90	05.00-	112005	12 1.1			
		05.00-	112075	14 70	05.00-	115504	12 1.1	A49		
					08.97- 06.05	111909	12 1.1			
	[BCA]	10.01-	111989	14 90	10.01-	111909	12 1.1			
	Golf IV 1.6	[AEH]	08.97- 02.00	112002	14 120 A47	05.98-	115504	12 1.1	A49	
			01.98- 05.98	111820	14 90	08.97- 02.00	111909	12 1.1		
01.98- 04.01			115483	14 120 A49	AT 01.98- 05.98	112286	12 1.7			
05.98-			111989	14 90						
05.98-			112075	14 70						
[AFT]		06.98-	111352	14 70	6 Speed 06.98-	112429	12 2.0			
		06.98-	111479	14 90						
		AC 06.98-	111353	14 70						
[AKL]		AC 06.98-	111477	14 90						
		08.97-	112002	14 120 A47	08.97-	111909	12 1.1			
		10.97- 05.98	111820	14 90	AT 10.97- 05.98	112286	12 1.7			
		10.97- 02.00	115483	14 120 A49	05.98-	115504	12 1.1	A49		
		05.98-	111989	14 90	05.99-	111900	12 1.8			
[AKS]		05.98-	112075	14 70						
		06.98-	111352	14 70	06.98-	112429	12 2.0			
		06.98-	111479	14 90	06.98-	112435	12 1.1			
	AC 06.98-	111353	14 70							
	AC 06.98-	111477	14 90							



	[APF]	05.00- 08.00	111989	14 90	05.00- 08.00	111909	12 1.1	A49
		05.00- 08.00	112075	14 70	05.00- 08.00	115504	12 1.1	
		05.99- 02.00	112002	14 120 A47	05.99- 02.00	111900	12 1.8	
		05.99- 08.00	115483	14 120 A49				
	[AVU]	08.00-	111989	14 90	08.00-	111909	12 1.1	A49
		08.00-	112002	14 120 A47	08.00-	111900	12 1.8	
		08.00-	112075	14 70	08.00-	115504	12 1.1	
		08.00- 06.05	115483	14 120 A49				
	[BFQ]	08.00- 06.05	111989	14 90	08.00- 06.05	111909	12 1.1	A49
		08.00- 06.05	112002	14 120 A47	08.00- 06.05	115503	12 1.8	
		08.00-	112075	14 70	08.00-	115504	12 1.1	
		08.00- 06.05	115483	14 120 A49				
	[BJH]	08.00- 06.05	111989	14 90	08.00- 06.05	111909	12 1.1	A49
		08.00- 06.05	112002	14 120 A47	08.00- 06.05	115503	12 1.8	
		08.00- 06.05	115483	14 120 A49				
Golf IV 1.6 16V	[ATN]	11.99-	111989	14 90	11.99-	111909	12 1.1	
					11.99-	112005	12 1.1	
	[AUS]	05.00-	111989	14 90	05.00-	112005	12 1.1	
		05.00-	112273	14 70				
	[AZD]	09.00-	111989	14 90	09.00-	111909	12 1.1	
		09.00-	112273	14 70	09.00-	112005	12 1.1	
Golf IV 1.8	[BCB]	11.01- Chas. 1J-X-000 001-	112273	14 70	11.01-	112005	12 1.1	
		11.01-	111989	14 90	11.01-	111909	12 1.1	
	[ADZ]	06.98-	111352	14 70	06.98-	112429	12 2.0	
		06.98-	111479	14 90	06.98-	112435	12 1.1	
		AC 06.98-	111477	14 90				
	[AGN]	08.97-	111820	14 90	AT 08.97-	112286	12 1.7	A49
		08.97-	112075	14 70	08.97-	115504	12 1.1	
	[AGU]	08.97-	111820	14 90	AT 08.97-	112286	12 1.7	A49
		08.97-	112075	14 70	08.97-	115504	12 1.1	
	[ANN]	06.98-	111352	14 70	06.98-	112429	12 2.0	
		06.98-	111479	14 90				
Golf IV 1.8 4 Motion	[ANP]	06.98-	111477	14 90				
		AC 06.98-	111477	14 90	6 Speed 06.98-	112429	12 2.0	
	[AQA]	08.97- 06.05	111820	14 90	AT 08.97- 06.05	112286	12 1.7	A49
		08.97- 06.05	112075	14 70	08.97- 06.05	115504	12 1.1	
	[ARZ]	08.97- 06.05	111820	14 90	AT 08.97- 06.05	112286	12 1.7	A49
		08.97- 06.05	112075	14 70	08.97- 06.05	115504	12 1.1	
	[AUM]	09.00- 05.06	115483	14 120 A49	AT 09.02- 05.03	111909	12 1.1	
		09.02- 05.03	111989	14 90	08.97- 06.05	111900	12 1.8	
		08.97- 06.05	112002	14 120 A47				
	[AWD]	12.99- 04.01	111820	14 90	12.99- 04.01	112286	12 1.7	A49
		12.99- 04.01	112075	14 70	12.99- 04.01	115504	12 1.1	
	[BAF]	08.97- 06.05	111989	14 90	08.97- 06.05	111909	12 1.1	
	[AAM]	06.98-	111352	14 70	6 Speed 06.98-	112429	12 2.0	
		06.98-	111479	14 90				
		AC 06.98-	111477	14 90				
Golf IV 1.8 4 Motion	[AGN]	05.98-	111989	14 90	05.98-	111909	12 1.1	A49
		05.98-	112075	14 70	05.98-	115504	12 1.1	
					05.99-	112005	12 1.1	
Golf IV 1.8 GTi Turbo	[AUQ]	06.01-	111989	14 90	AT 06.01-	111909	12 1.1	A49
		06.01-	112075	14 70	06.01-	115504	12 1.1	
		06.01- 06.05	115483	14 120 A49	08.01-	111900	12 1.8	
		08.01-	112002	14 120 A47				
Golf IV 1.8 Turbo	[AGU]	05.00- 05.03	111989	14 90	AT 05.00- 05.03	111909	12 1.1	A49
		05.00-	112002	14 120 A47	05.00-	111900	12 1.8	
		05.00- 05.03	112075	14 70	05.00- 05.03	115504	12 1.1	
		05.00- 05.03	115483	14 120 A49				
	[AQA]	05.00-	111989	14 90	05.00-	111909	12 1.1	A49
		05.00-	112002	14 120 A47	05.00-	115503	12 1.8	
		05.00-	112075	14 70	05.00-	115504	12 1.1	
		05.00-	115483	14 120 A49				
	[ARZ]	05.00-	111989	14 90	05.00-	111909	12 1.1	A49
		05.00-	112002	14 120 A47	05.00-	115503	12 1.8	
		05.00-	112075	14 70	05.00-	115504	12 1.1	
		05.00-	115483	14 120 A49				
	[AUM]	05.00-	112002	14 120 A47	AT 05.00-	113509	12 1.7	A49
		09.00- 05.03	111989	14 90	09.00- 05.03	111909	12 1.1	
		09.00- 05.03	112075	14 70	09.00- 05.03	115504	12 1.1	
		09.00- 05.03	115483	14 120 A49				
	[AWD]	05.00-	111989	14 90	05.00-	111909	12 1.1	A49
		05.00-	112002	14 120 A47	05.00-	115503	12 1.8	
		05.00-	112075	14 70	05.00-	115504	12 1.1	
		05.00-	115483	14 120 A49				
Golf IV 1.9 SDi	[AGP]	08.97-	111353	14 70	08.97-	112429	12 2.0	A49
		08.97-	113340	14 70	05.99-	115503	12 1.8	
		10.97- 04.01	115483	14 120 A49				
		05.99-	112002	14 120 A47				
		05.99-	112079	14 90 A47				
		05.99-	114789	14 90 A49				
	[AQM]	08.97- 06.05	112002	14 120 A47	AT, 5 Speed 08.97- 06.05	115503	12 1.8	A49
		08.97- 06.05	112079	14 90 A47	08.97- 06.05	115523	12 2.3	
		08.97- 06.05	114789	14 90 A49	11.98- 05.04	111909	12 1.1	
		11.98- 05.04	111989	14 90	11.98- 05.04	115504	12 1.1	
		11.98- 05.04	115483	14 120 A49				
Golf IV 1.9 TDi	[AGR]	10.97- 04.98	111820	14 90	10.97- 04.98	112286	12 1.7	A49
		10.97-	112002	14 120 A47	10.97-	111909	12 1.1	
		10.97-	112079	14 90 A47	10.97-	115504	12 1.1	
		10.97- 05.04	114789	14 90 A49				
		05.98-	113340	14 70				
		05.98- 05.06	115483	14 120 A49				
	[AHF]	08.97- 04.98	111353	14 70	6 Speed 08.97- 04.98	112429	12 2.0	A49
		08.97- 04.98	111820	14 90	AT 08.97- 04.98	112286	12 1.7	
		08.97-	112002	14 120 A47	08.97-	111909	12 1.1	
		08.97-	112079	14 90 A47	08.97-	115504	12 1.1	
		10.97- 05.04	114789	14 90 A49				
		10.97- 05.04	115483	14 120 A49				
		05.98-	113340	14 70				

VW Continued

	[AHU]	06.98- 06.00	111353	14 70	AT	06.98- 06.00	112286	12 1.7	
		06.98- 06.00	111477	14 90	6 Speed	06.98- 06.00	112429	12 2.0	
		06.98- 06.00	111988	14 120					
		AC 04.98- 06.00	111828	14 120					
		AC 06.98- 06.00	111884	14 90					
	[AJM]	12.98-	112002	14 120 A47		08.99-	115503	12 1.8	A49
		12.98-	112079	14 90 A47		12.98-	111909	12 1.1	
		12.98- 06.01	114789	14 90 A49		12.98-	115504	12 1.1	A49
		05.99- 07.01	112075	14 70					
		05.99-	113340	14 70					
[ALE]	05.99- 07.01	115483	14 120 A49						
	06.98-	111353	14 70	AT	06.98-	112286	12 1.7		
	06.98-	111477	14 90	6 Speed	06.98-	112429	12 2.0		
	06.98-	111988	14 120						
	AC 06.98-	111828	14 120						
[ALH]	AC 06.98-	111884	14 90						
	10.97- 04.98	111820	14 90		10.97-	115503	12 1.8	A49	
	10.97-	112002	14 120 A47		05.99-	115504	12 1.1	A49	
	10.97-	112079	14 90 A47		10.97- 04.98	112286	12 1.7		
	10.97- 05.04	114789	14 90 A49	5 Speed	05.99-	111909	12 1.1		
[ARL]	10.97- 05.04	115483	14 120 A49						
	05.98-	113340	14 70						
	05.00-	112002	14 120 A47		05.00-	111909	12 1.1		
	05.00-	112079	14 90 A47		05.00-	114160	12 1.8		
	10.00-	113340	14 70						
[ASV]	10.00- 05.06	115483	14 120 A49						
	05.00- 05.06	115483	14 120 A49		08.97- 05.04	111900	12 1.8		
	08.97- 05.04	112002	14 120						
	08.97- 05.04	113340	14 70						
	04.01-	113340	14 70						
[ASZ]	04.01- 05.06	115483	14 120 A49		11.00-	111900	12 1.8		
	11.00-	112002	14 120 A47		11.00-	114160	12 1.8		
	11.00-	112079	14 90 A47		11.00-	115900	12 1.1		
	11.00-	112079	14 90 A47						
	02.00- 06.06	115483	14 120 A49		09.00-	111909	12 1.1		
[ATD]	09.00-	112002	14 120 A47		09.00-	114160	12 1.8		
	09.00-	112079	14 90 A47		09.00-	115504	12 1.1	A49	
	09.00-	112079	14 90 A47		09.00-	115504	12 1.1	A49	
	09.00-	113340	14 70						
	12.98- 06.01	112002	14 120 A47	AT, 5 Speed	12.98- 06.01	111900	12 1.8		
12.98- 06.01	112079	14 90 A47	12.98- 06.01		115523	12 2.3			
12.98- 06.01	114789	14 90 A49	05.99- 06.01		115504	12 1.1	A49		
05.99- 06.01	112075	14 70	08.99- 06.01		111748	12 1.1			
05.99- 06.01	115483	14 120 A49							
[AXR]	08.99- 06.01	113340	14 70						
	09.00-	112002	14 120 A47		09.00-	111909	12 1.1		
	09.00-	112079	14 90 A47	A25	09.00-	115504	12 1.1		
	09.00-	113340	14 70		09.00-	114160	12 1.8		
	09.00- 06.06	115483	14 120 A49						
Golf IV 1.9 TDi 4 Motion	[AGR]	10.97- 05.05	115483	14 120 A49		07.98-	111909	12 1.1	
		04.98-	113340	14 70	A25	07.98-	115504	12 1.1	
		07.98-	112002	14 120 A47		05.99-	115503	12 1.8	A49
		07.98-	112079	14 90 A47		07.98- 09.02	112005	12 1.1	
		Chas. 1J-X-000001- 07.98- 09.02	111989	14 90					
	[AJM]	02.99- 06.01	113340	14 70	AT	05.99- 06.01	111909	12 1.1	
		02.99- 06.01	115483	14 120 A49		05.99- 06.01	115504	12 1.1	A49
		05.99- 06.01	112002	14 120 A47					
		05.99- 06.01	112079	14 90 A47					
		05.99- 06.01	114789	14 90 A49					
[ALH]	10.97-	111989	14 90		10.97-	111909	12 1.1		
	04.98-	113340	14 70		07.98-	111900	12 1.8		
	07.98-	112002	14 120 A47	AT, 5 Speed	07.98-	115523	12 2.3		
	07.98-	112079	14 90 A47						
	07.98- 05.06	115483	14 120 A49						
[ARL]	02.00-	112002	14 120 A47		02.00-	111909	12 1.1		
	02.00-	112079	14 90 A47		02.00-	114160	12 1.8		
	10.00-	113340	14 70						
	10.00- 05.06	115483	14 120 A49						
	11.00-	112002	14 120 A47		11.00-	111900	12 1.8		
[ASZ]	11.00-	112079	14 90 A47	AT, 5 Speed	11.00-	115523	12 2.3		
	04.01-	113340	14 70						
	04.01- 05.06	115483	14 120 A49						
	09.00-	112002	14 120 A47	AT	09.00-	111909	12 1.1		
	09.00-	112079	14 90 A47		09.00-	114160	12 1.8		
[AUY]	09.00-	113340	14 70		09.00-	114174	12 1.1		
	09.00- 05.06	115483	14 120 A49						
	09.99- 06.01	112002	14 120 A47		09.99- 06.01	111909	12 1.1		
	09.99- 06.01	112079	14 90 A47		09.99- 06.01	115504	12 1.1	A49	
	09.99- 06.01	113340	14 70						
Golf IV 1.9 TDi 4motion	[ARL]	09.99- 06.01	114789	14 90 A49					
		09.99- 06.01	115483	14 120 A49					
	05.02- 06.05	112002	14 120		05.02- 06.05	115503	12 1.8	A49	
	05.02- 06.05	112079	14 90						
	[AUY]	01.00- 04.01	112002	14 120		01.00- 04.01	115503	12 1.8	A49
		01.00- 04.01	112079	14 90					
		01.00- 04.01	112274	14 90					
01.00- 04.01		113340	14 70						
01.00- 04.01		114789	14 90 A49						
01.00- 04.01	115483	14 120 A49							
Golf IV 2.0	[AGG]	06.98-	111352	14 70		06.98-	112429	12 2.0	
		06.98-	111479	14 90					
		AC 06.98-	111477	14 90					
	[AKR]	06.98-	111352	14 70		06.98-	112429	12 2.0	
		06.98-	111479	14 90					
		AC 06.98-	111477	14 90					
	[APK]	08.98-	111989	14 90		08.98-	112005	12 1.1	
		08.98-	112075	14 70		08.98-	115504	12 1.1	A49
[AQY]	08.98-	111989	14 90		08.98-	112005	12 1.1		
	08.98-	112075	14 70		08.98-	115504	12 1.1	A49	
[ATU]	06.99- 06.00	111352	14 70	6 Speed	06.99- 06.00	112429	12 2.0		
	AC 06.99- 06.00	111477	14 90						



	[AWF]	06.00- 06.02	111352	14 70		06.00- 06.02	112429	12 2.0
		AC 06.00- 06.02	111477	14 90				
	[AWG]	06.00- 06.02	111352	14 70	6 Speed	06.00- 06.02	112429	12 2.0
		AC 06.00- 06.02	111477	14 90				
	[AZG]	05.01- 04.02	111989	14 90		05.01- 04.02	111909	12 1.1
		05.01- 04.02	112075	14 70		05.01- 04.02	115504	12 1.1 A49
		05.01- 04.02	115483	14 120 A49		07.98- 06.05	111900	12 1.8
		07.98- 06.05	112002	14 120 A47				
	[AZJ]	04.00- 06.01	111989	14 90		04.00- 06.01	111909	12 1.1
		04.00- 06.01	112002	14 120 A47		04.00- 06.01	115503	12 1.8 A49
		05.01- 05.06	115483	14 120 A49		07.98- 05.04	115504	12 1.1 A49
		07.98- 05.04	112075	14 70				
	[BER]	07.98- 06.05	111989	14 90		07.98- 06.05	111909	12 1.1
		07.98- 06.05	112002	14 120 A47		07.98- 06.05	115503	12 1.8 A49
		07.98- 06.05	112075	14 70		07.98- 06.05	115504	12 1.1 A49
		07.98- 06.05	115483	14 120 A49				
Golf IV 2.0 4 Motion	[AZH]	04.00- 06.01	111989	14 90		04.00- 06.01	111909	12 1.1
		04.00- 06.01	112075	14 70		04.00- 06.01	115504	12 1.1 A49
		04.00- 06.01	115483	14 120 A49		10.00- 06.05	111900	12 1.8
		10.00- 06.05	112002	14 120 A47				
	[AZJ]	05.01- 06.05	111989	14 90		10.00- 06.05	111749	12 1.1
		05.01- 06.05	112075	14 70	AT	10.00- 06.05	113509	12 1.7
		05.01- 06.05	115483	14 120 A49	AT	05.01- 06.05	111909	12 1.1
		10.00- 06.05	112002	14 120 A47		05.01- 06.05	115504	12 1.1 A49
Golf IV 2.0 BiFuel	[BEH]	02.02- 05.02	112002	14 120 A47		02.02- 05.02	115503	12 1.8 A49
		05.02- 05.02	112075	14 70		05.02- 05.02	115504	12 1.1 A49
		05.02- 06.06	115483	14 120 A49		05.02- 05.02	111909	12 1.1
		AC 05.02- 05.02	111989	14 90				
Golf IV 2.0 BiFuel BiFuel	[BEH]	05.02- 05.03	111989	14 90		05.02- 05.03	111909	12 1.1
		05.02- 05.03	112002	14 120		05.02- 05.03	115503	12 1.8 A49
		05.02- 05.03	112075	14 70		05.02- 05.03	115504	12 1.1 A49
		05.02- 05.03	115483	14 120 A49				
Golf IV 2.3 V5	[AGZ]	08.97- 10.00	112002	14 120 A47		08.97- 10.00	111909	12 1.1
		08.97- 10.00	112079	14 90 A47		08.97- 10.00	115504	12 1.1 A49
		08.97- 10.00	114789	14 90 A49				
		10.97- 02.01	115483	14 120 A49				
	[AQN]	05.98- 09.00	113340	14 70		10.00- 09.00	111909	12 1.1
		09.00- 10.00	115483	14 120 A49		10.00- 10.00	115503	12 1.8 A49
		10.00- 10.00	112002	14 120 A47	AT	10.00- 10.00	115523	12 2.3
		10.00- 10.00	112079	14 90 A47		10.00- 10.00	114160	12 1.8
Golf IV 2.3 V5 4 Motion	[AGZ]	10.97- 02.01	115483	14 120 A49	AT	12.98- 12.98	111909	12 1.1
		12.98- 12.98	112002	14 120 A47		12.98- 12.98	115504	12 1.1 A49
		12.98- 12.98	112079	14 90 A47				
		12.98- 12.98	113340	14 70				
	[AQN]	12.98- 10.00	114789	14 90 A49				
		09.00- 09.00	113340	14 70		10.00- 10.00	111900	12 1.8
		09.00- 10.00	115483	14 120 A49		10.00- 10.00	115503	12 1.8 A49
		10.00- 10.00	112002	14 120 A47		10.00- 10.00	114160	12 1.8
Golf IV 2.8 V6 4 Motion	[AQP]	03.99- 06.05	112002	14 120 A47		03.99- 06.05	111909	12 1.1
		03.99- 06.05	112079	14 90 A47		03.99- 06.05	115504	12 1.1 A49
		03.99- 06.05	114789	14 90 A49				
		05.99- 05.00	113340	14 70				
	[AUE]	05.99- 05.00	115483	14 120 A49				
		01.00- 04.01	113340	14 70		05.00- 03.99- 06.05	115504	12 1.1 A49
		01.00- 04.01	115483	14 120 A49		03.99- 06.05	111900	12 1.8
		05.00- 05.00	112079	14 90 A47	AT, 5 Speed	03.99- 06.05	115523	12 2.3
	[BDE]	05.00- 05.00	114789	14 90 A49				
		03.99- 06.05	112002	14 120 A47				
		05.00- 05.00	112002	14 120 A47	AT, 5 Speed	05.00- 05.00	111749	12 1.1
		05.00- 05.00	112079	14 90 A47		05.00- 03.99- 06.05	115523	12 2.3
Golf IV 3.2 4 Motion	[BFH]	05.01- 06.05	113340	14 70			111900	12 1.8
		05.01- 06.05	115483	14 120 A49			115523	12 2.3
		06.02- 05.04	115483	14 120 A49	AT, 5 Speed	09.02- 09.02	111900	12 1.8
		09.02- 09.02	112002	14 120 A47		09.02- 09.02	115523	12 2.3
	[BML]	09.02- 09.02	112079	14 90 A47				
		06.02- 06.06	115483	14 120 A49		09.02- 06.06	115503	12 1.8 A49
		09.02- 06.06	112002	14 120 A47				
Golf IV	[SSL]					04.01- 04.01	112435	12 1.1
Golf Plus 1.2 TSi	[CBZA]	05.10- 05.10	115765	14 140	DKG	05.10- 05.10	115337	12 2.0
		05.10- 05.10	115767	14 140		05.10- 05.10	114175	12 1.1
		05.10- 05.10	116207	14 110		05.10- 05.10	115645	12 2.0
						05.10- 05.10	115612	12 1.2
Golf Plus Van 1.2 TSi	[CBZB]	11.09- 08.14	116207	14 110		11.09- 08.14	114299	12 1.7
		11.09- 08.14	115765	14 140		11.09- 08.14	114163	12 1.1
		A25 11.09- 08.14	115767	14 140	DKG	11.09- 08.14	115611	12 1.1
						11.09- 08.14	115612	12 1.2
						11.09- 08.14	115645	12 2.0
						11.09- 08.14	114175	12 1.1
Golf Plus Van 1.4 TSi	[CAVD]	01.09- 09.12	114884	14 140	DKG	01.09- 09.12	115311	12 2.0
					For vehicles with DKG	01.09- 09.12	115611	12 1.1
						01.09- 09.12	115612	12 1.2
		A25 01.09- 09.12	115528	14 140 A49	For vehicles with DKG	01.09- 09.12	115337	12 2.0
	[CAXA]	A25 01.09- 09.12	116345	14 140		01.09- 09.12	114163	12 1.1
		A25 01.09- 08.14	115528	14 140 A49	A25	01.09- 08.14	115336	12 2.2
		A25 01.09- 08.14	116345	14 140	DKG	01.09- 08.14	115611	12 1.1
		01.09- 08.14	114884	14 140		01.09- 08.14	115612	12 1.2
Golf Plus Van 1.6 TDi	[CAYB]					01.09- 08.14	114299	12 1.7
						01.09- 08.14	116272	12 1.1
	[CAYC]	02.09- 08.14	113992	14 140		02.09- 08.14	113841	12 1.7
		02.09- 08.14	116452	14 140	DKG	02.09- 08.14	116272	12 1.1
		A25 02.09- 08.14	115433	14 140		02.09- 08.14	115336	12 2.2
		02.09- 08.14	113992	14 140		02.09- 08.14	115402	12 1.8
		02.09- 08.14	116452	14 140	DKG	02.09- 08.14	115634	12 1.8
		A25 02.09- 08.14	115433	14 140		02.09- 08.14	115610	12 2.0
						02.09- 08.14	115337	12 2.0



VW Continued

Golf Plus Van 2.0 TDi	[CFHC]	11.09- 08.14	113992	14 140	DKG	11.09- 08.14	115376	12 1.8	
						11.09- 08.14	115638	12 1.7	
Golf Sportsvan 1.0 TSI	[CHZC]	05.17-	116228	12 180		05.17-	115336	12 2.2	
		05.17-	116229	12 180		05.17-	116097	12 2.0	
		05.17-	116298	14 140		05.17-	115818	12 1.1	
	[CHZD]	05.15-	116619	14 110		05.15-	115612	12 1.2	
		05.15-	116717	14 140					
	[CHZK]	05.17-	116228	12 180	A25	05.17-	115336	12 2.2	
		05.17-	116229	12 180		05.17-	116097	12 2.0	
		05.17-	116298	14 140		05.17-	115818	12 1.1	
Golf Sportsvan 1.2 TSI	[CYVA]	05.14-	116619	14 110	A25 and DKG	05.14-	115610	12 2.0	
	[CYVB]	04.14-	116619	14 110		04.14-	115612	12 1.2	
Golf Sportsvan 1.4 TSI	[CPVB]	04.14-	116619	14 110		04.14-	115612	12 1.2	
Golf Sportsvan 1.4 TSI	[CZCA]	04.14-	116619	14 110		04.14-	115612	12 1.2	
	[CZDA]	02.14-	116619	14 110		02.14-	115612	12 1.2	
Golf Sportsvan 1.5 TSI	[DACA]	05.17-	116228	12 180		05.17-	116720	12 1.4	
		05.17-	116229	12 180		05.17-	115944	12 1.7	
		05.17-	116298	14 140	A25	05.17-	115818	12 1.1	
	[DADA]	05.17-	116228	12 180		05.17-	116720	12 1.4	
		05.17-	116229	12 180		05.17-	115944	12 1.7	
		05.17-	116298	14 140	A25	05.17-	115818	12 1.1	
Golf Sportsvan 1.6 TDI	[CRKA]	02.14-	115898	14 140		02.14-	115560	12 1.7	
		02.14-	116373	14 140	DKG	02.14-	115634	12 1.8	
		02.14-	116647	14 140					
		02.14-	116717	14 140					
	[CRKB]	02.14-	115898	14 140	A25	02.14-	115402	12 1.8	
		02.14-	116373	14 140	DKG	02.14-	115634	12 1.8	
		02.14-	116647	14 140					
		02.14-	116717	14 140					
	[CXXB]	02.14-	115898	14 140		02.14-	115336	12 2.2	
		02.14-	116373	14 140	A25 and DKG	02.14-	115610	12 2.0	
		02.14-	116647	14 140					
		02.14-	116717	14 140					
	[DDYA]	11.16-	114322	14 140		11.16-	115560	12 1.7	
		11.16-	116647	14 140					
		11.16-	116717	14 140					
Golf Sportsvan 2.0 TDI	[CRLB]	02.14-	115898	14 140		02.14-	115336	12 2.2	
		02.14-	116359	14 140		02.14-	115696	12 1.1	
		02.14-	116373	14 140		02.14-	115638	12 1.7	
		02.14-	116647	14 140					
		02.14-	116717	14 140					
	[CRVA]	05.14-	115898	14 140	A25	05.14-	115336	12 2.2	
		05.14-	116359	14 140		05.14-	115696	12 1.1	
		05.14-	116373	14 140		05.14-	115638	12 1.7	
		05.14-	116647	14 140					
		05.14-	116717	14 140					
Golf Touran 2.0 TDI	[DFGC]	02.19-	114322	14 140	DKG	02.19-	115539	12 2.0	A49
		02.19-	116384	14 180		02.19-	115402	12 1.8	
		02.19-	116647	14 140	DKG	02.19-	116156	12 2.0	
	[DTRC]	11.20-	116384	14 180		11.20-	115402	12 1.8	
Golf V 1.2 TSi Plus	[CBZB]	08.09-	115765	14 140		08.09-	115508	12 1.7	A49
		08.09-	115767	14 140		08.09-	114299	12 1.7	
		08.09-	116207	14 110		08.09-	114176	12 1.0	
					For vehicles with DKG	08.09-	115611	12 1.1	
						08.09-	115612	12 1.2	
						08.09-	115645	12 2.0	
Golf V 1.4	[BUD]	06.07- 07.09	116587	14 110		06.07- 07.09	114176	12 1.0	
	[CAXA]	05.07-	114769	14 110		05.07-	113842	12 1.7	
					Direct shift gearbox (Double Clutch)	05.07-	115611	12 1.1	
						05.07-	114163	12 1.1	
Golf V 1.4 FSi Plus	[BLN]	07.05- 05.06	114769	14 110		07.05- 05.06	113842	12 1.7	
Golf V 1.4 16V	[BCA]	10.03-	116587	14 110		10.03-	114176	12 1.0	
		01.05-	112075	14 70	AT	01.05-	113509	12 1.7	
		AC 01.05-	111989	14 90	AT	01.05-	111909	12 1.1	
	[BUD]	05.06-	113874	14 110	AT	05.06-	113509	12 1.7	
		05.06-	116587	14 110		05.06-	114176	12 1.0	
Golf V 1.4 16V Plus	[BUD]	01.05-	113874	14 110	AT, 6 Speed	01.05-	113509	12 1.7	
		01.05-	116587	14 110		01.05-	114176	12 1.0	
	[CGGA]	01.05-	113874	14 110	AT	01.05-	113509	12 1.7	
		01.09-	116587	14 110		01.09-	114176	12 1.0	
Golf V 1.4 FSi	[BKG]	10.03-	114769	14 110		10.03-	113842	12 1.7	
	[BLN]	10.03-	114769	14 110		10.03-	115311	12 2.0	
Golf V 1.4 TSi	[BLG]	11.05-	114769	14 110		11.05-	113842	12 1.7	
						11.05-	114163	12 1.1	
						06.07-	115561	12 1.7	
	[BMY]	05.06-	114769	14 110		05.06-	113842	12 1.7	
		05.06-	114884	14 140		05.06-	115311	12 2.0	
						05.06-	114163	12 1.1	
	[CAVD]					07.08-	114163	12 1.1	
	[CAXA]	06.07-	114769	14 110		06.07-	115539	12 2.0	A49
					Direct shift gearbox (Double Clutch)	06.07- 07.09	115611	12 1.1	
						06.07-	114163	12 1.1	
Golf V 1.4 TSi Plus	[BLG]					11.05-	114163	12 1.1	
		05.06-	114769	14 110		05.06-	113842	12 1.7	
		05.06-	114884	14 140		05.06-	115311	12 2.0	
	[BMY]	05.06-	114769	14 110		05.06-	113842	12 1.7	
		05.06-	114884	14 140		05.06-	115311	12 2.0	
						05.06-	114163	12 1.1	
	[CAVD]	06.08-	114884	14 140		06.08-	115311	12 2.0	
						06.08-	114163	12 1.1	
						06.08-	115612	12 1.2	
	[CAXA]	06.07-	114769	14 110		06.07-	115561	12 1.7	
		06.07-	114884	14 140		06.07-	115311	12 2.0	
		06.07-	115528	14 140	A49	06.07-	115508	12 1.7	A49
		06.07-	116345	14 140		06.07-	114176	12 1.0	
					AT	06.07-	115611	12 1.1	
						06.07-	114163	12 1.1	
						06.07-	115612	12 1.2	



	[CNWA]	06.08-	114884	14 140	AT	06.08-06.08-06.08-	115333 114163 115612	12 1.0 12 1.1 12 1.2	
Golf V 1.6 Multijet	[CCSA]	10.07-11.07-	111989 113992	14 90 14 140	AT	10.07-11.07-	113509 113841	12 1.7 12 1.7	
Golf V 1.6 TDi Plus	[CAYC]	03.09-03.09-03.09-03.09-	113992 115433 116036 116452	14 140 14 140 14 140 14 140		03.09-03.09-03.09-03.09-03.09-03.09-	113841 115508 114175 114176 115610 115634	12 1.7 12 1.7 12 1.1 12 1.0 12 2.0 12 1.8	A49
Golf V 1.6 Plus Multifuel	[CCSA]	11.07-11.07-	113992 115621	14 140 14 110		11.07-11.07-	113841 115508	12 1.7 12 1.7	A49
	[CMXA]	11.07-	115621	14 110		11.07-	115508	12 1.7	A49
Golf V 1.6	[BGU]	01.04-	113992	14 140	AT	01.04-01.04-06.07-	113509 115611 113841	12 1.7 12 1.1 12 1.7	
	[BSE]	01.04-01.04-	111989 113992	14 90 14 140	AT	01.04-01.04-06.07-07.09-06.07-	111909 113773 113509 113841	12 1.1 12 1.1 12 1.7 12 1.7	
	[BSF]	01.04-01.04-	111989 113992	14 90 14 140	AT	01.04-01.04-06.07-07.09-06.07-	111909 113773 113509 114034	12 1.1 12 1.1 12 1.7 12 1.0	
	[CCSA]	06.07-	113992	14 140		06.07-	113841	12 1.7	
Golf V 1.6 Plus	[BSE]	05.05-05.05-	113992 114722	14 140 14 140		05.05-05.05-05.05-	113773 113842 115612	12 1.1 12 1.7 12 1.2	
	[BSF]	05.05-05.05-	113992 114722	14 140 14 140	AT	05.05-05.05-05.05-	113509 113842 115612	12 1.7 12 1.7 12 1.2	
	[CCSA]	11.07-11.07-	113992 114722	14 140 14 140		11.07-11.07-11.07-	113841 113842 115612	12 1.7 12 1.7 12 1.2	
	[CMXA]	05.05-05.05-	113992 114722	14 140 14 140		05.05-05.05-05.05-	113841 113842 115612	12 1.7 12 1.7 12 1.2	
Golf V 1.6 FSi	[BAG]	10.03-	114769	14 110		10.03-	113842	12 1.7	
	[BLF]	10.03-	114769	14 110		10.03-	113842	12 1.7	
	[BLP]	05.05-07.08-05.05-07.08	114769 114884	14 110 14 140	AT	05.05-07.08-05.05-07.08	115376 115311	12 1.8 12 2.0	
Golf V 1.9 TDi	[BKC]	10.03-10.03-	113992 115370	14 140 14 110	AT	10.03-10.03-06.07-	113509 115333 113841	12 1.7 12 1.0 12 1.7	
	[BLS]	10.03-10.03-	113992 115370	14 140 14 110		10.03-10.03-06.07-	113773 115508 113841	12 1.1 12 1.7 12 1.7	A49
	[BRU]	05.04-02.06-05.04-02.06	113992 115370	14 140 14 110	AT, 6 Speed	05.04-02.06-05.04-02.06	113509 115333	12 1.7 12 1.0	
	[BXE]	10.03-10.03-	113992 115370	14 140 14 110		10.03-10.03-01.05-06.07-	113773 115508 115504 114034	12 1.1 12 1.7 12 1.1 12 1.0	A49 A49
	[BXF]	02.06-02.06-	113992 115370	14 140 14 110	AT	02.06-02.06-	113773 115508	12 1.1 12 1.7	A49
	[BXJ]	05.07-05.07-	113992 115370	14 140 14 110		05.07-05.07-	113841 115508	12 1.7 12 1.7	A49
Golf V 1.9 TDi 4 Motion	[BKC]	08.04-08.04-	113992 115370	14 140 14 110	AT	08.04-08.04-	113509 115333	12 1.7 12 1.0	
	[BLS]	08.04-08.04-	113992 115370	14 140 14 110		08.04-08.04-01.08-	113773 115508 113841	12 1.1 12 1.7 12 1.7	A49
	[BXE]	08.04-08.04-	113992 115370	14 140 14 110		08.04-08.04-	113773 115508	12 1.1 12 1.7	A49
Golf V 1.9 TDi Plus	[BLS]	01.05-01.05-	113992 115370	14 140 14 110		01.05-01.05-	113773 115508	12 1.1 12 1.7	A49
	[BRU]	05.04-02.06-05.04-02.06	113992 115370	14 140 14 110	For vehicles with DKG	05.04-02.06-05.04-02.06	113773 115337	12 1.1 12 2.0	
	[BXF]	02.06-02.06-	113992 115370	14 140 14 110		02.06-02.06-	113773 115504	12 1.1 12 1.1	A49
	[BXJ]	05.07-05.07-	113992 115370	14 140 14 110		05.07-05.07-	113841 115508	12 1.7 12 1.7	A49
Golf V 2.0 SDi	[BDK]	01.04-01.04-	113992 115370	14 140 14 110		01.04-01.04-	113841 115508	12 1.7 12 1.7	A49
Golf V 2.0 TDi 16V	[BKD]	10.03-10.03-	113992 115370	14 140 14 110	AT	10.03-10.03-06.07-	113509 115333 114034	12 1.7 12 1.0 12 1.0	
	[CBDB]	01.05-	113992	14 140		01.05-01.05-	113842 115638	12 1.7 12 1.7	
	[CFHC]	01.05-	113992	14 140		01.05-01.05-	113842 115638	12 1.7 12 1.7	
Golf V 2.0 TDi 16V 4 Motion	[BKD]	08.04-08.04-	113992 115370	14 140 14 110		08.04-08.04-	114034 115508	12 1.0 12 1.7	A49
Golf V 2.0 TDi	[AZV]	10.03-10.03-	113992 115370	14 140 14 110	AT	10.03-10.03-06.07-	113773 115333 113841	12 1.1 12 1.0 12 1.7	
	[BMM]	12.04-12.04-	113992 115370	14 140 14 110		12.04-12.04-06.07-	113773 115337 114062	12 1.1 12 2.0 12 1.7	
	[BMN]	11.05-11.05-	113992 115370	14 140 14 110	A25	11.05-11.05-	113773 115336	12 1.1 12 2.2	
Golf V 2.0 TDi 4 Motion	[BMM]	08.04-08.04-	113992 115370	14 140 14 110		08.04-08.04-	113773 115504	12 1.1 12 1.1	A49
Golf V 2.0 TDi 4motion	[DTTC]					06.21-	116156	12 2.0	
Golf V 2.0 TDi Plus	[AZV]	05.05-05.05-	113992 115370	14 140 14 110	AT	05.05-05.05-	113773 115333	12 1.1 12 1.0	
	[BEE]	11.05-	115370	14 110		11.05-	115508	12 1.7	A49
	[BMM]	12.05-12.05-	113992 115370	14 140 14 110		12.05-12.05-	113773 115337	12 1.1 12 2.0	



VW Continued

	[CBDA]	05.05-	113992	14 140		05.05-	113842	12 1.7	
		05.05-	115370	14 110		05.05-	115508	12 1.7	A49
	[CBDC]	03.09-	113992	14 140		03.09-	113841	12 1.7	
	[CFHB]	05.05-	113992	14 140		05.05-	113842	12 1.7	
		05.05-	115370	14 110		05.05-	115508	12 1.7	A49
Golf V 2.0	[CLCA]	03.09-	113992	14 140		03.09-	113841	12 1.7	
	[CBPA]	08.06-	113992	14 140		08.06-	113841	12 1.7	
Golf V 2.0 FSi						08.06-	114163	12 1.1	
	[AXW]	01.04-	113992	14 140		01.04-	113841	12 1.7	
						01.04-	114163	12 1.1	
	[BLR]	01.04-	113992	14 140		01.04-	113773	12 1.1	
						01.04-	114163	12 1.1	
	[BLX]	01.04-	113992	14 140	AT	01.04-	113773	12 1.1	
						01.04-	114163	12 1.1	
	[BLY]	01.04-	113992	14 140		01.04-	113773	12 1.1	
						01.04-	114163	12 1.1	
	[BVX]	01.04-	113992	14 140		01.04-	113773	12 1.1	
Golf V 2.0 FSi 4 Motion						01.04-	114163	12 1.1	
						01.04-	113773	12 1.1	
	[BLX]					05.04- 11.05	114163	12 1.1	
		08.04-	113992	14 140		08.04-	113773	12 1.1	
	[BVX]	08.04-	113992	14 140		08.04-	113773	12 1.1	
						11.05-	114163	12 1.1	
Golf V 2.0 FSi Plus	[BLR]	05.05-	113992	14 140		05.05-	113773	12 1.1	
						05.05-	114163	12 1.1	
	[BLY]	05.05-	113992	14 140		05.05-	113773	12 1.1	
						05.05-	114163	12 1.1	
	[BVY]	05.05-	113992	14 140	AT	05.05-	113773	12 1.1	
Golf V 2.0 GTi						11.05-	114163	12 1.1	
	[BXX]	10.04-	113992	14 140		10.04-	113509	12 1.7	
	[BWA]	10.04-	113992	14 140	AT, 6 Speed	10.04-	113509	12 1.7	
	[BYD]	09.06-	113992	14 140		09.06-	113773	12 1.1	
Golf V 3.2 R32 4 Motion	[CAWB]	10.04-	113992	14 140		10.04-	113773	12 1.1	
	[BUB]	11.05-	113992	14 140		11.05-	113773	12 1.1	
Golf V Variant 1.5 TGI	[CBRA]	11.05-	113992	14 140		11.05-	113841	12 1.7	
	[DHFA]					09.20-	115944	12 1.7	
Golf V Variant 2.0 TDI						09.20-	116272	12 1.1	
	[BVB]	06.07- 07.09	113874	14 110		06.07- 07.09	115539	12 2.0	A49
		06.07- 07.09	116587	14 110		06.07- 07.09	115561	12 1.7	
Golf V Variant 2.0 TDI 4motion	[DTTC]					06.21-	116156	12 2.0	
Golf V Variant 2.0 4motion	[DNNA]					06.21-	115561	12 1.7	
Golf V Variant 2.0 TSI R 4motion	[DNFG]					06.21-	115561	12 1.7	
Golf Van III 1.4 Variant	[ABD, AEX]	05.93- 07.95	111352	14 70		05.93- 07.95	111059	12 0.9	
		05.93- 07.95	111479	14 90		05.93- 07.95	112286	12 1.7	
	PS	05.93- 07.95	111353	14 70		05.93- 07.95	115503	12 1.8	A49
	PS	05.93- 07.95	111477	14 90					
	PS	05.93- 07.95	111820	14 90					
Golf Van III 1.8 Variant	[ADZ, ABS]	08.93- 12.99	111352	14 70		08.93- 12.99	112307	12 1.1	
		08.93- 12.99	111479	14 90		08.93- 12.99	112286	12 1.7	
	PS	08.93- 12.99	111353	14 70		08.93- 12.99	115503	12 1.8	A49
	AC	08.93- 12.99	111477	14 90					
	AC	08.93- 12.99	111820	14 90					
	[AAM]	07.93- 02.99	111352	14 70		07.93- 02.99	112286	12 1.7	
		07.93- 02.99	111479	14 90		07.93- 02.99	111909	12 1.1	
	AC	07.93- 02.99	111353	14 70		07.93- 02.99	115504	12 1.1	A49
	AC	07.93- 02.99	111477	14 90					
	AC	07.93- 02.99	111820	14 90					
Golf Van III 1.9 Diesel Variant	[1Y]	08.93- 02.99	111352	14 70	AT	08.93- 02.99	112286	12 1.7	
		08.93- 02.99	111479	14 90		08.93- 02.99	111909	12 1.1	
	PS	08.93- 02.99	111353	14 70		08.93- 02.99	115504	12 1.1	A49
	AC	08.93- 02.99	111477	14 90					
	AC	08.93- 02.99	111820	14 90					
Golf Van III 1.9 SDI Variant	[AEY]	07.95- 02.99	111353	14 70		07.95- 02.99	111900	12 1.8	
		07.95- 02.99	111820	14 90					
		07.95- 02.99	111988	14 120					
Golf Van III 1.9 TDI Variant	[AFN]	05.96- 02.99	111353	14 70		05.96- 02.99	111900	12 1.8	
		05.96- 02.99	111477	14 90					
		05.96- 02.99	111820	14 90					
		05.96- 02.99	111828	14 120					
	[AHU, 1Z]	08.93- 12.99	111353	14 70		08.93- 12.99	111909	12 1.1	
		08.93- 12.99	111477	14 90		08.93- 12.99	115504	12 1.1	A49
		08.93- 12.99	111820	14 90					
		08.93- 12.99	111988	14 120					
	AC	08.93- 12.99	111828	14 120					
	AC	08.93- 12.99	111884	14 90					
Golf Van IV Variant 1.4	[AXP, BCA]	05.00- 06.06	112274	14 90	AT	05.00- 06.06	115523	12 2.3	
	AC	05.00- 06.06	112079	14 90		05.00- 06.06	111900	12 1.8	
	AC	05.00- 06.06	114789	14 90	A49				
Golf Van IV Variant 1.6	[BCB, AUS, AZD]	05.00- 06.06	111820	14 90		05.00- 06.06	112429	12 2.0	
		05.00- 06.06	112075	14 70		05.00- 06.06	111909	12 1.1	
		05.00- 06.06	112274	14 90	AT	05.00- 06.06	115523	12 2.3	
	AC	05.00- 06.06	112079	14 90		05.00- 06.06	111900	12 1.8	
	AC	05.00- 06.06	114789	14 90	A49				
Golf Van IV Variant 1.9 SDi	[AQM]	05.99- 05.06	112002	14 120		05.99- 05.06	112429	12 2.0	
		05.99- 05.06	112079	14 90		05.99- 05.06	111900	12 1.8	
		05.99- 05.06	114789	14 90	A49				
		05.99- 05.06	115483	14 120	A49				
Golf Van IV Variant 1.9 TDi	[AGR, ALH]	05.99- 05.06	112002	14 120		05.99- 05.06	112429	12 2.0	
		05.99- 05.06	112079	14 90		05.99- 05.06	115503	12 1.8	A49
		05.99- 05.06	113340	14 70					
		05.99- 05.06	114789	14 90	A49				
		05.99- 05.06	115483	14 120	A49				



[AJM]		05.99- 04.02	112002	14 120		05.99- 04.02	112286	12 1.7	A49		
		05.99- 04.02	112079	14 90		05.99- 04.02	115503	12 1.8			
		05.99- 04.02	112274	14 90		AT 05.99- 04.02	115523	12 2.3			
		05.99- 04.02	114789	14 90	A49						
		05.99- 04.02	115483	14 120	A49						
	[ASV,AHF]		05.99- 05.06	112002	14 120	AT	05.99- 05.06	112286		12 1.7	
			05.99- 05.06	112079	14 90		05.99- 05.06	115503		12 1.8	
			05.99- 05.06	114789	14 90	A49					
			05.99- 05.06	115483	14 120	A49					
	[ATD,AXR]		02.00- 06.06	112002	14 120	AT	02.00- 06.06	112286		12 1.7	
			02.00- 06.06	112079	14 90						
			02.00- 06.06	114789	14 90	A49					
			02.00- 06.06	115483	14 120	A49					
								04.01- 05.06		111909	12 1.1
	Golf Van VI Variant 1.2 TSi	[CBZB]	09.09- 05.14	115765	14 140		09.09- 05.14	114163		12 1.1	
			A25 09.09- 05.14	115767	14 140						
Golf Van VI Variant 1.4 TSi	[CAVD]	07.09- 10.12	114769	14 110	AT	07.09- 10.12	115311	12 2.0			
		07.09- 10.12	114884	14 140		07.09- 10.12	115336	12 2.2			
					For vehicles with DKG	07.09- 10.12	115611	12 1.1			
					07.09- 10.12	115612	12 1.2				
				A25 and DKG	07.09- 10.12	115610	12 2.0				
	[CAXA]	07.09- 05.14	114769	14 110		07.09- 05.14	115336	12 2.2			
		07.09- 05.14	114884	14 140		07.09- 05.14	114299	12 1.7			
				For vehicles with DKG	07.09- 05.14	115611	12 1.1				
				07.09- 05.14	115612	12 1.2					
				A25 and DKG	07.09- 05.14	115610	12 2.0				
Golf Van VI Variant 1.6 TDi	[CAYB]	12.09- 10.12	113992	14 140		12.09- 10.12	113841	12 1.7			
		12.09- 10.12	116452	14 140		12.09- 10.12	115638	12 1.7			
		A25 12.09- 10.12	115433	14 140		12.09- 10.12	114299	12 1.7			
Golf Van VI Variant 1.6 TDi BlueMotion [CAYC]		07.09- 05.14	113992	14 140	DKG	07.09- 05.14	115376	12 1.8			
		07.09- 05.14	116452	14 140		07.09- 05.14	115645	12 2.0			
	A25 07.09- 05.14	115433	14 140		07.09- 05.14	114175	12 1.1				
Golf Van VI Variant 2.0 TDi	[CFHC,CBDB]	07.09- 05.14	113992	14 140	DKG	07.09- 05.14	115376	12 1.8			
Golf Van VII Variant 1.2 TSi	[CJZA]	04.13- 03.17	115916	14 140		04.13- 03.17	115560	12 1.7			
		04.13- 03.17	116193	14 140	A25 and DKG	04.13- 03.17	116156	12 2.0			
		04.13- 03.17	116228	12 180		04.13- 03.17	115612	12 1.2			
		04.13- 03.17	116229	12 180							
		04.13- 03.17	116231	12 110							
		04.13- 03.17	116298	14 140							
	[CJZB,CYVA]	05.13- 03.17	115916	14 140		05.13- 03.17	115402	12 1.8			
		05.13- 03.17	116193	14 140		05.13- 03.17	116272	12 1.1			
		05.13- 03.17	116228	12 180		05.13- 03.17	115612	12 1.2			
		05.13- 03.17	116229	12 180							
	05.13- 03.17	116231	12 110								
	05.13- 03.17	116298	14 140								
	Golf Van VII Variant 1.4 TSi	[CHPA]	05.13- 03.17	115916	14 140	A25	05.13- 03.17	115402	12 1.8		
			05.13- 03.17	116193	14 140		05.13- 03.17	116097	12 2.0		
05.13- 03.17			116228	12 180							
05.13- 03.17			116229	12 180							
05.13- 03.17			116231	12 110							
05.13- 03.17			116298	14 140							
[CXSA]		05.13- 03.17	115916	14 140	A25	05.13- 03.17	115402	12 1.8			
		05.13- 03.17	116193	14 140		05.13- 03.17	116097	12 2.0			
05.13- 03.17	116228	12 180									
05.13- 03.17	116229	12 180									
05.13- 03.17	116231	12 110									
05.13- 03.17	116298	14 140									
Golf Van VII Variant 1.6 TDi	[CLHA]	05.13- 03.17	114322	14 140	A25 and DKG	05.13- 03.17	115539	12 2.0			
		05.13- 03.17	115898	14 140	A25	05.13- 03.17	115336	12 2.2			
		05.13- 03.17	116195	14 180		05.13- 03.17	115944	12 1.7			
		05.13- 03.17	116206	12 110	DKG	05.13- 03.17	115638	12 1.7			
		05.13- 03.17	116359	14 140							
		05.13- 03.17	116384	14 180							
	[CRKA,CLHB,CXXA]	05.13- 03.17	116647	14 140	A25 and DKG	05.13- 03.17	115539	12 2.0			
		05.13- 03.17	114322	14 140	A25	05.13- 03.17	115336	12 2.2			
		05.13- 03.17	116195	14 180		05.13- 03.17	115945	12 1.4			
		05.13- 03.17	116206	12 110		05.13- 03.17	115645	12 2.0			
	05.13- 03.17	116359	14 140								
	05.13- 03.17	116384	14 180								
	05.13- 03.17	116647	14 140								
	[CRKB]	05.13- 03.17	114322	14 140	A25	05.13- 03.17	115560	12 1.7			
05.13- 03.17		115898	14 140	A25	05.13- 03.17	115336	12 2.2				
05.13- 03.17		116195	14 180	A25	05.13- 03.17	115818	12 1.1				
05.13- 03.17		116206	12 110	A25	05.13- 03.17	115645	12 2.0				
05.13- 03.17		116359	14 140								
05.13- 03.17		116384	14 180								
05.13- 03.17	116647	14 140									
05.13- 03.17	116717	14 140									
Golf Van VII Variant 1.6 TDi	[CLHA]	05.13- 03.17	114322	14 140		05.13- 03.17	115560	12 1.7			
		05.13- 03.17	115898	14 140		05.13- 03.17	116720	12 1.4			
		05.13- 03.17	116195	14 180	A25	05.13- 03.17	115818	12 1.1			
		05.13- 03.17	116206	12 110	A25 and DKG	05.13- 03.17	115610	12 2.0			
		05.13- 03.17	116359	14 140							
		05.13- 03.17	116384	14 180							
Golf Van VII Variant 2.0 TDi	[CRBC,CRLB]	04.13- 03.17	115898	14 140		04.13- 03.17	116720	12 1.4			
		04.13- 03.17	116195	14 180		04.13- 03.17	115696	12 1.1			
		04.13- 03.17	116206	12 110	A25 and DKG	04.13- 03.17	115610	12 2.0			
		04.13- 03.17	116359	14 140							
Golf Van VII Variant 2.0 TDi	[CRBC,CRLB]	04.13- 03.17	115898	14 140	A25 and DKG	04.13- 03.17	116156	12 2.0			
		04.13- 03.17	116195	14 180	DKG	04.13- 03.17	115634	12 1.8			
		04.13- 03.17	116206	12 110	DKG	04.13- 03.17	115612	12 1.2			
		04.13- 03.17	116359	14 140							
Golf VI 1.2 TSi	[CBZA]	05.10- 11.12	116207	14 110		05.10- 11.12	115638	12 1.7			
		05.10- 11.12	115765	14 140		05.10- 11.12	115611	12 1.1			
		A25 05.10- 11.12	115767	14 140	DKG	05.10- 11.12	115612	12 1.2			

VW Continued

	[CBZB]	05.09- 11.12	115765	14 140		05.09- 11.12	115638	12 1.7
		05.09- 11.12	115767	14 140				
		05.09- 11.12	116207	14 110	DKG	05.09- 11.12	115611	12 1.1
Golf VI 1.2 TSI BlueMotion	[CBZB]	05.09- 11.12	116207	14 110		05.09- 11.12	115638	12 1.7
		05.09- 11.12	115765	14 140	DKG	05.09- 11.12	115611	12 1.1
	A25	05.09- 11.12	115767	14 140	DKG	05.09- 11.12	115612	12 1.2
Golf VI 1.4	[CGGA]	07.09- 07.13	113874	14 110		07.09- 07.13	113509	12 1.7
Golf VI 1.4 TSI	[CAVD]	07.09-	114769	14 110		10.08-	113773	12 1.1
		10.08-	113992	14 140	A25 and DKG	10.08- 11.12	115337	12 2.0
		10.08- 11.12	114884	14 140		10.08- 11.12	114299	12 1.7
		10.08- 11.12	115528	14 140 A49		10.08- 11.12	114163	12 1.1
		10.08- 11.12	116345	14 140	DKG	10.08- 11.12	115611	12 1.1
					DKG	10.08- 11.12	115612	12 1.2
						07.09-	115311	12 2.0
	A25				A25	07.09-	115336	12 2.2
						10.08- 11.12	115900	12 1.1
	[CAXA]	07.09-	114769	14 110	A25 and DKG	10.08- 11.12	115337	12 2.0
		10.08- 11.12	114884	14 140		10.08- 11.12	114299	12 1.7
		10.08- 11.12	115528	14 140 A49		10.08- 11.12	114163	12 1.1
		10.08- 11.12	116345	14 140	DKG	10.08- 11.12	115611	12 1.1
					For vehicles with DKG	10.08- 11.12	115612	12 1.2
	A25				A25	07.09-	115336	12 2.2
					For vehicles with DKG	10.08- 11.12	115900	12 1.1
	[CNWA]	10.08- 11.12	114884	14 140	A25 and DKG	10.08- 11.12	115337	12 2.0
		10.08- 11.12	115528	14 140 A49	A25 and DKG	10.08- 11.12	116156	12 2.0
		10.08- 11.12	116345	14 140		10.08- 11.12	115611	12 1.1
		07.09-	113992	14 140		07.09-	115311	12 2.0
		07.09-	114769	14 110	A25	07.09-	115336	12 2.2
						07.09- 07.13	115612	12 1.2
	[CTHD]	10.08- 11.12	114884	14 140		10.08- 11.12	114299	12 1.7
		10.08- 11.12	115528	14 140 A49	A25 and DKG	10.08- 11.12	116156	12 2.0
		10.08- 11.12	116345	14 140		10.08- 11.12	115611	12 1.1
						10.08- 11.12	115612	12 1.2
		07.09-	113992	14 140		07.09-	115311	12 2.0
		07.09-	114769	14 110	A25 and DKG	07.09-	115337	12 2.0
	[CTKA]	07.09-	113992	14 140		10.08- 11.12	114299	12 1.7
		07.09-	114769	14 110		10.08- 11.12	115900	12 1.1
		10.08- 11.12	114884	14 140	DKG	10.08- 11.12	115611	12 1.1
		10.08- 11.12	115528	14 140 A49		10.08- 11.12	115612	12 1.2
		10.08- 11.12	116345	14 140		07.09-	113841	12 1.7
					A25	07.09-	115336	12 2.2
Golf VI 1.6 BiFuel	[CHGA]	03.09-	113992	14 140		03.09-	113841	12 1.7
Golf VI 1.6 Multijet	[CCSA]	10.08-	113992	14 140	AT	10.08-	115376	12 1.8
	[CMXA]	05.10-	113992	14 140	DKG	05.10-	115376	12 1.8
Golf VI 1.6 TDi	[CAYB]	02.09- 11.12	113992	14 140	DKG	02.09- 11.12	115311	12 2.0
		02.09- 11.12	115433	14 140		02.09- 11.12	114176	12 1.0
		02.09- 11.12	116036	14 140		02.09- 11.12	115610	12 2.0
		02.09- 11.12	116452	14 140		02.09- 11.12	115612	12 1.2
					AT	12.09-	115376	12 1.8
						12.09- 07.13	114163	12 1.1
	[CAYC]	02.09- 11.12	115433	14 140		02.09- 11.12	114299	12 1.7
		02.09- 11.12	116036	14 140		02.09- 11.12	115638	12 1.7
		02.09- 11.12	116452	14 140		02.09- 11.12	115611	12 1.1
		07.09-	113992	14 140	A25 and DKG	07.09-	115539	12 2.0 A49
						07.09-	115561	12 1.7
						07.09- 07.13	114176	12 1.0
						07.09- 07.13	115645	12 2.0
						07.09- 07.13	115612	12 1.2
Golf VI 1.6 TDi BlueMotion	[CAYC]	05.09- 11.12	113992	14 140	AT	05.09- 11.12	115333	12 1.0
		05.09- 11.12	116452	14 140		05.09- 11.12	115612	12 1.2
	A25	05.09- 11.12	115433	14 140		05.09- 11.12	114163	12 1.1
Golf VI 1.6	[BSE]	10.08-	113992	14 140		10.08-	114034	12 1.0
		10.08- 11.12	115621	14 110		10.08- 11.12	115638	12 1.7
						07.09-	113841	12 1.7
	[BSF]	10.08-	113992	14 140		10.08-	113773	12 1.1
		10.08- 11.12	115621	14 110		10.08- 11.12	115638	12 1.7
					A25	07.09-	115402	12 1.8
	[CCSA]	10.08-	113992	14 140		10.08-	113773	12 1.1
		10.08- 11.12	115621	14 110	For vehicles with	10.08- 11.12	115634	12 1.8
					A25	07.09-	115402	12 1.8
	[CMXA]	10.08- 11.12	113992	14 140		10.08- 11.12	115311	12 2.0
		10.08- 11.12	115621	14 110		10.08- 11.12	115638	12 1.7
Golf VI 2.0 TDi	[CBAB]	10.08- 05.13	113992	14 140		10.08- 05.13	113841	12 1.7
		10.08- 05.13	115433	14 140		10.08- 05.13	114175	12 1.1
		10.08- 05.13	116036	14 140	DKG	10.08- 05.13	115638	12 1.7
		10.08- 05.13	116452	14 140	DKG	10.08- 05.13	115611	12 1.1
	[CBBB]	04.09- 11.09	113992	14 140		04.09- 11.09	113841	12 1.7
		04.09- 11.09	115433	14 140		04.09- 11.09	114299	12 1.7
		04.09- 11.09	116036	14 140		04.09- 11.09	115638	12 1.7
		04.09- 11.09	116452	14 140		04.09- 11.09	115611	12 1.1
	[CBDA]	07.09- 09.10	113992	14 140	DKG	07.09- 09.10	115376	12 1.8
	[CBDB]	07.09-	113992	14 140		07.09-	115311	12 2.0
	[CBDC]	10.08-	113992	14 140		10.08-	113773	12 1.1
	[CBAA]	10.08- 11.09	113992	14 140	A25	10.08- 11.09	115402	12 1.8
		10.08- 11.09	114722	14 140	A25	10.08- 11.09	115336	12 2.2
		10.08- 11.09	115433	14 140		10.08- 11.09	114176	12 1.0
		10.08- 11.09	116036	14 140	A25	10.08- 11.09	115645	12 2.0
		10.08- 11.09	116452	14 140		10.08- 11.09	115612	12 1.2
	[CFFA]	11.09- 11.12	113992	14 140		11.09- 11.12	113841	12 1.7
		11.09- 11.12	114722	14 140	DKG	11.09- 11.12	115333	12 1.0
		11.09- 11.12	115433	14 140		11.09- 11.12	114175	12 1.1
		11.09- 11.12	116036	14 140	DKG	11.09- 11.12	115638	12 1.7
		11.09- 11.12	116452	14 140	DKG	11.09- 11.12	115611	12 1.1
	[CFFB]	10.08- 05.13	113992	14 140		10.08- 05.13	113841	12 1.7
		10.08- 05.13	115433	14 140		10.08- 05.13	114175	12 1.1
		10.08- 05.13	116036	14 140	DKG	10.08- 05.13	115638	12 1.7
		10.08- 05.13	116452	14 140		10.08- 05.13	115611	12 1.1
	[CFFB,CJAA]	09.09- 11.12	113992	14 140	AT	09.09- 11.12	115333	12 1.0
		09.09- 11.12	116452	14 140		09.09- 11.12	115612	12 1.2
	A25	09.09- 11.12	115433	14 140		09.09- 11.12	114163	12 1.1



[CFGB]		11.09- 11.12	113992	14 140		11.09- 11.12	113841	12 1.7	
		11.09- 11.12	115433	14 140		11.09- 11.12	114175	12 1.1	
		11.09- 11.12	116036	14 140		11.09- 11.12	115638	12 1.7	
		11.09- 11.12	116452	14 140		11.09- 11.12	115611	12 1.1	
					AT	05.10- 11.12	115333	12 1.0	
						05.10- 11.12	115612	12 1.2	
						05.10- 11.12	114163	12 1.1	
	[CFHB]	07.10-	113992	14 140		07.10-	115311	12 2.0	
	[CFHC]	07.09-	113992	14 140		07.09-	115311	12 2.0	
	[CJAA]	10.08-	113992	14 140		10.08-	113773	12 1.1	
		10.08- 05.13	115433	14 140		10.08- 05.13	114299	12 1.7	
		10.08- 05.13	116036	14 140		10.08- 05.13	115638	12 1.7	
		10.08- 05.13	116452	14 140		10.08- 05.13	115611	12 1.1	
					A25 and DKG	07.09-	115539	12 2.0 A49	
	[CLCA]	10.08- 11.12	113992	14 140		10.08- 11.12	115311	12 2.0	
[CLCB]	07.09-	113992	14 140		07.09-	115311	12 2.0		
[CUUB]	11.13-	115898	14 140		11.13-	115638	12 1.7		
	11.13- 05.16	116717	14 140		11.13- 05.16	115612	12 1.2		
Golf VI 2.0 TDi 4 Motion	[CBAB]	10.08-	113992	14 140		10.08-	115402	12 1.8	
		10.08- 11.12	115433	14 140		10.08- 11.12	114176	12 1.0	
		10.08- 11.12	116036	14 140		10.08- 11.12	115645	12 2.0	
		10.08- 11.12	116452	14 140		10.08- 11.12	115612	12 1.2	
	[CFFB]	11.09- 11.12	113992	14 140		11.09- 11.12	115402	12 1.8	
	11.09- 11.12	115433	14 140		11.09- 11.12	114176	12 1.0		
	11.09- 11.12	116036	14 140	A25	11.09- 11.12	115645	12 2.0		
	11.09- 11.12	116452	14 140		11.09- 11.12	115612	12 1.2		
Golf VI 2.0	[CCZA]	07.09-	113874	14 110		07.09-	113773	12 1.1	
		07.09-	114722	14 140	A25	07.09-	115336	12 2.2	
	[CDLA]	01.13-	113992	14 140		01.13-	115311	12 2.0	
	[CDLF]	11.09-	113992	14 140		11.09-	113841	12 1.7	
Golf VI 2.0 4motion	[CDLC]	11.09-	113992	14 140	DKG	11.09-	115376	12 1.8	
	[CRZA]	11.09- 11.13	113992	14 140		11.09- 11.13	115311	12 2.0	
Golf VI 2.0 GTI	[CCZB]	02.09- 11.12	114722	14 140		02.09- 11.12	115336	12 2.2	
Golf VI 2.0 TSi	[CCZB]	04.09- 11.12	114722	14 140	DKG	04.09- 11.12	115333	12 1.0	
Golf VI 2.0 TSi R 4motion	[CDLF]	11.09- 11.12	113992	14 140	DKG	11.09- 11.12	115333	12 1.0	
Golf VII 1.0 TSi	[CHZC]	11.16-	116298	14 140		11.16-	115944	12 1.7	
	[CHZD]	05.15-	116193	14 140		05.15-	116097	12 2.0	
		05.15-	116228	12 180		05.15-	115900	12 1.1	
		05.15-	116231	12 110		05.15-	115944	12 1.7	
		05.15-	116298	14 140					
		05.15-	116619	14 110					
	[CHZK]	01.17-	116229	12 180		01.17-	116097	12 2.0	
		01.17-	116231	12 110		01.17-	115900	12 1.1	
		01.17-	116298	14 140		01.17-	115944	12 1.7	
		11.12-	115916	14 140		11.12-	115560	12 1.7	
Golf VII 1.2 TSi	[CJZA]	11.12-	116619	14 110	A25	11.12-	115610	12 2.0	
	[CJZB]	08.12-	115916	14 140		08.12-	115560	12 1.7	
		08.12-	116619	14 110		08.12-	115638	12 1.7	
					A25	07.13-	115561	12 1.7	
					AT	07.13-	115612	12 1.2	
[CYVA]	08.12-	115916	14 140		08.12-	115402	12 1.8		
	08.12-	116619	14 110		08.12-	115612	12 1.2		
[CYVB]	04.14-	115916	14 140	A25	04.14-	115402	12 1.8		
	04.14-	116619	14 110		04.14-	115612	12 1.2		
Golf VII 1.4 TSi	[CPVA]	04.13-	115916	14 140		04.13-	115560	12 1.7	
Golf VII 1.4 TSi	[CPVB]	12.13-	116619	14 110		12.13-	115612	12 1.2	
Golf VII 1.4 TSi MultiFuel	[CPVA]	04.13-	115916	14 140		04.13-	115561	12 1.7	
		04.13-	116619	14 110		04.13-	115612	12 1.2	
Golf VII 1.4 TSi	[CHPA]	11.12-	115916	14 140		11.12-	115560	12 1.7	
		11.12-	116619	14 110		11.12-	115638	12 1.7	
						05.13-	115561	12 1.7	
						05.13-	115612	12 1.2	
	[CHPB]	05.14-	116619	14 110		05.14-	115612	12 1.2	
	[CMBA]	11.12-	115916	14 140		11.12-	115560	12 1.7	
		11.12-	116619	14 110	A25 and DKG	11.12-	115610	12 2.0	
	[CPTA]	11.12-	115916	14 140		11.12-	115560	12 1.7	
		11.12-	116619	14 110	A25 and DKG	11.12-	115610	12 2.0	
	[CPVA]	11.12-	115916	14 140	A25	11.12-	115402	12 1.8	
		11.12-	116619	14 110		11.12-	115612	12 1.2	
	[CUKA]	11.12-	115916	14 140		11.12-	115560	12 1.7	
		11.12-	116619	14 110	A25 and DKG	11.12-	115610	12 2.0	
	[CXSA]	11.12-	115916	14 140		11.12-	115560	12 1.7	
		11.12-	116619	14 110	A25 and DKG	11.12-	115610	12 2.0	
					A25	07.13-	115561	12 1.7	
						07.13-	115612	12 1.2	
		[CZCA]	05.14-	116619	14 110		05.14-	115612	12 1.2
		[CZDA]	05.14-	116619	14 110		05.14-	115612	12 1.2
		[CZEA]	05.14-	116619	14 110		05.14-	115612	12 1.2
Golf VII 1.4	[CPWA]	09.13-	115916	14 140	A25 and DKG	09.13-	115561	12 1.7	
		09.13-	116619	14 110		09.13-	115612	12 1.2	
	[CZBA]	09.13-	115916	14 140		09.13-	115561	12 1.7	
	09.13-	116619	14 110		09.13-	115612	12 1.2		
Golf VII 1.4 TGI	[CPWA]	06.13-	115916	14 140		06.13-	115561	12 1.7	
		06.13-	116619	14 110		06.13-	115612	12 1.2	
	[CZBA]	06.13-	115916	14 140		06.13-	115561	12 1.7	
	06.13-	116619	14 110		06.13-	115612	12 1.2		
Golf VII 1.5 TSi	[DACA]	07.17-	116228	12 180		07.17-	116097	12 2.0	
		07.17-	116229	12 180					
		07.17-	116231	12 110					
		07.17-	116298	14 140	DKG	07.17-	115900	12 1.1	
						07.17-	115944	12 1.7	
	[DADA]	04.17-	116228	12 180		04.17-	116097	12 2.0	
		04.17-	116229	12 180		04.17-	115900	12 1.1	
	04.17-	116231	12 110						
	04.17-	116298	14 140	A25	04.17-	115944	12 1.7		
Golf VII 1.6 TDi	[CLHA]	08.12-	116359	14 140	A25 and DKG	08.12-	115944	12 1.7	
		08.12-	116373	14 140		A25	08.12-	115818	12 1.1
		08.12-	116647	14 140	A25	11.12-	115402	12 1.8	
		08.12-	116717	14 140		05.13-	116720	12 1.4	
		11.12-	115898	14 140		05.13-	115696	12 1.1	



VW Continued

	[CLHB]	04.13-	115898	14 140		04.13-	115336	12 2.2
		04.13-	116373	14 140		04.13-	115818	12 1.1
		04.13-	116647	14 140		05.13-	116720	12 1.4
		04.13-	116717	14 140		05.13-	115696	12 1.1
	[CRKA]	04.13-	115898	14 140		04.13-	115336	12 2.2
		04.13-	116373	14 140		04.13-	115818	12 1.1
		04.13-	116647	14 140		05.13-	116720	12 1.4
		04.13-	116717	14 140		05.13-	115696	12 1.1
	[CRKB]	01.13-	115898	14 140		01.13-	115336	12 2.2
		01.13-	116373	14 140		01.13-	115818	12 1.1
		01.13-	116647	14 140		05.13-	116720	12 1.4
		01.13-	116717	14 140		05.13-	115696	12 1.1
	[CXXA]	05.13-	115898	14 140		05.13-	116720	12 1.4
		05.13-	116373	14 140		05.13-	115696	12 1.1
		05.13-	116647	14 140				
		05.13-	116717	14 140				
	[CXXB]	01.13-	115898	14 140		01.13-	116720	12 1.4
		01.13-	116373	14 140		01.13-	115696	12 1.1
		01.13-	116647	14 140				
		01.13-	116717	14 140				
	[DDYA]	11.16-	115898	14 140		DKG 11.16-	116272	12 1.1
		11.16-	116195	14 180		A25 11.16-	115818	12 1.1
		11.16-	116206	12 110		11.16-	116097	12 2.0
		11.16-	116359	14 140				
		11.16-	116647	14 140				
		11.16-	116717	14 140				
Golf VII 1.6 TDI 4 Motion	[CLHA]	11.12-	115898	14 140		A25 11.12-	115402	12 1.8
		11.12-	116373	14 140		A25 11.12-	115818	12 1.1
		11.12-	116647	14 140				
		11.12-	116717	14 140				
Golf VII 1.6 TDI 4motion	[CRKB]	01.13-	115898	14 140		01.13-	115336	12 2.2
		01.13-	116195	14 180		01.13-	116097	12 2.0
		01.13-	116206	12 110		A25 01.13-	115818	12 1.1
		01.13-	116359	14 140		DKG 01.13-	115634	12 1.8
		01.13-	116373	14 140		A25 05.13-	115560	12 1.7
		01.13-	116384	14 180		DKG 05.13-	116272	12 1.1
		01.13-	116647	14 140		05.13-	115696	12 1.1
		01.13-	116717	14 140				
		05.13-	114322	14 140				
	[CXXB]	01.13-	115898	14 140	A25 and DKG	01.13-	116272	12 1.1
		01.13-	116195	14 180	A25	01.13-	115818	12 1.1
		01.13-	116206	12 110		01.13-	115696	12 1.1
		01.13-	116359	14 140	DKG	01.13-	115634	12 1.8
Golf VII 2.0 GTD	[CUNA]	04.13-	115898	14 140		04.13-	115818	12 1.1
		04.13-	116359	14 140	DKG	01.15-	116272	12 1.1
		04.13-	116373	14 140		04.13-	115945	12 1.4
		04.13-	116647	14 140	DKG	01.15-	115634	12 1.8
		04.13-	116717	14 140		04.13-	115336	12 2.2
	[CKFC]	11.12-	115898	14 140	A25	11.12-	115818	12 1.1
		11.12-	116359	14 140		04.13-	115696	12 1.1
		11.12-	116373	14 140		04.13-	116720	12 1.4
		11.12-	116647	14 140	A25 and DKG	11.12-	115944	12 1.7
		11.12-	116717	14 140	A25	11.12-	115402	12 1.8
	[CRBB]	08.12-	115898	14 140		07.13-	115336	12 2.2
		08.12-	116359	14 140	A25	08.12-	115336	12 2.2
		08.12-	116717	14 140		08.12-	115945	12 1.4
	[CRBC]	11.12-	115898	14 140		11.12-	115818	12 1.1
		11.12-	116359	14 140		04.13-	115696	12 1.1
		11.12-	116373	14 140		04.13-	116720	12 1.4
		11.12-	116647	14 140	DKG	11.12-	115944	12 1.7
		11.12-	116717	14 140	A25	11.12-	115402	12 1.8
	[CRLB]	04.13-	116647	14 140		07.13-	115336	12 2.2
		11.12-	115898	14 140		11.12-	115402	12 1.8
		11.12-	116359	14 140		11.12-	115945	12 1.4
		11.12-	116373	14 140	A25	11.12-	115818	12 1.1
		11.12-	116717	14 140		04.13-	116720	12 1.4
Golf VII 2.0 TDi	[CRMB]	11.12-	115898	14 140		04.13-	115696	12 1.1
		11.12-	116359	14 140		04.13-	116720	12 1.4
		11.12-	116373	14 140		04.13-	115696	12 1.1
		11.12-	116647	14 140	DKG	11.12-	115944	12 1.7
		11.12-	116717	14 140	A25	11.12-	115402	12 1.8
	[CRVA]	11.12-	115898	14 140		07.13-	115336	12 2.2
		11.12-	116373	14 140	A25	11.12-	115336	12 2.2
		11.12-	116647	14 140		11.12-	115818	12 1.1
	[CRVC]	11.12-	116717	14 140		05.13-	116720	12 1.4
		08.12-	115898	14 140		05.13-	115696	12 1.1
		08.12-	116717	14 140	A25 and DKG	08.12-	116272	12 1.1
Golf VII 2.0 TDI 4 Motion	[CKFC]	11.12-	115898	14 140	A25	11.12-	115402	12 1.8
		11.12-	116359	14 140	DKG	11.12-	115944	12 1.7
		11.12-	116373	14 140		11.12-	115818	12 1.1
		11.12-	116647	14 140				
	[CRBC]	11.12-	115898	14 140		DKG 11.12-	116272	12 1.1
		11.12-	116359	14 140		11.12-	115818	12 1.1
		11.12-	116373	14 140		11.12-	115696	12 1.1
		11.12-	116717	14 140				
	[CRLB]	11.12-	115898	14 140		A25 11.12-	115402	12 1.8
		11.12-	116359	14 140		11.12-	115945	12 1.4
		11.12-	116373	14 140		11.12-	115818	12 1.1
		11.12-	116647	14 140				
		11.12-	116717	14 140				



	[CRMB]	11.12-	115898	14 140		11.12-	115402	12 1.8
		11.12-	116359	14 140		11.12-	115945	12 1.4
		11.12-	116373	14 140		11.12-	115818	12 1.1
		11.12-	116647	14 140				
		11.12-	116717	14 140				
Golf VII 2.0	[CJXB]	11.13-	116747	14 180				
	[CJXC]	11.13-	116747	14 180				
	[DLBA]	03.17-	116386	14 140		03.17-	115638	12 1.7
Golf VII 2.0 4motion		03.17-	116747	14 180				
	[CJXB]	03.15-	116747	14 180				
	[CJXD]	12.16-	116386	14 140 VA		12.16-	115638	12 1.7
		12.16-	116747	14 180				
	[CJXG]	12.16-	116386	14 140		12.16-	115638	12 1.7
		12.16-	116387	14 140				
		12.16-	116747	14 180				
	[DJHA]	12.16-	116386	14 140		12.16-	115638	12 1.7
Golf VII 2.0 R 4motion		12.16-	116387	14 140				
		12.16-	116747	14 180				
	[DJHB]	12.16-	116386	14 140		12.16-	115638	12 1.7
		12.16-	116747	14 180				
	[CJXC]	03.15-	116747	14 180				
Golf VII 2.0 GTI		11.14-	116386	14 140		DKG 11.14-	115634	12 1.8
		11.14-	116387	14 140		11.14-	115638	12 1.7
	[CHHA]	04.13-	116747	14 180				
Golf VII 2.0 GTI Clubsport S	[CHHB]	04.13-	116747	14 180				
	[CJXE]	02.16-	116747	14 180				
	[CJXG]	05.16-	116386	14 140		DKG 05.16-	115634	12 1.8
Golf VII Van 1.2 TSI BlueMotion		05.16-	116387	14 140		05.16-	115638	12 1.7
		09.16-	116747	14 180				
	[CJZA]	11.12-	115916	14 140		11.12-	115560	12 1.7
		11.12-	116193	14 140		A25 and DKG 11.12-	116156	12 2.0
		11.12-	116228	12 180		11.12-	115696	12 1.1
		11.12-	116229	12 180		11.12-	115645	12 2.0
		11.12-	116231	12 110		11.12-	115612	12 1.2
		11.12-	116298	14 140				
	[CJZB]	08.12-	115916	14 140		08.12-	115560	12 1.7
		08.12-	116193	14 140		08.12-	116156	12 2.0
		08.12-	116228	12 180		DKG 08.12-	115634	12 1.8
		08.12-	116229	12 180		08.12-	115645	12 2.0
Golf VII Van 1.4 TSI BlueMotion		08.12-	116231	12 110				
		08.12-	116298	14 140				
	[CHPA]	08.12-	115916	14 140		08.12-	115560	12 1.7
		08.12-	116193	14 140		DKG 08.12-	116272	12 1.1
		08.12-	116228	12 180		DKG 08.12-	115634	12 1.8
		08.12-	116229	12 180		A25 and DKG 08.12-	115610	12 2.0
		08.12-	116231	12 110				
		08.12-	116298	14 140				
	[CXSA]	05.13-	115916	14 140		05.13-	115561	12 1.7
		05.13-	116193	14 140		05.13-	116097	12 2.0
		05.13-	116228	12 180		DKG 05.13-	115638	12 1.7
		05.13-	116229	12 180		A25 and DKG 05.13-	115610	12 2.0
Golf VII Van 1.5 TGI TGI		05.13-	116231	12 110				
		05.13-	116298	14 140				
	[DHFA]	11.18-	116193	14 140		11.18-	116720	12 1.4
		11.18-	116228	12 180		11.18-	115696	12 1.1
		11.18-	116229	12 180		11.18-	115638	12 1.7
		11.18-	116231	12 110		11.18-	115612	12 1.2
		11.18-	116298	14 140				
	[CLHA]	08.12-	114322	14 140		A25 and DKG 08.12-	115539	12 2.0 A49
		08.12-	115898	14 140		08.12-	115561	12 1.7
		08.12-	116195	14 180		08.12-	116097	12 2.0
		08.12-	116206	12 110		08.12-	115944	12 1.7
		08.12-	116359	14 140				
Golf VII Van 1.6 TDI BlueMotion		08.12-	116384	14 180				
		08.12-	116647	14 140				
		08.12-	116717	14 140				
	[CRKA]	04.13-	114322	14 140		04.13-	115539	12 2.0 A49
		04.13-	115898	14 140		A25 04.13-	115402	12 1.8
		04.13-	116195	14 180		04.13-	116097	12 2.0
		04.13-	116206	12 110		04.13-	115944	12 1.7
		04.13-	116359	14 140				
		04.13-	116384	14 180				
		04.13-	116647	14 140				
		04.13-	116717	14 140				
	[CRKB,CXXB]	11.13-	114322	14 140				
Golf VII Van 2.0 TD GTD		11.13-	115898	14 140		A25 11.13-	115560	12 1.7
		11.13-	116195	14 180		11.13-	115402	12 1.8
		11.13-	116206	12 110		11.13-	115900	12 1.1
		11.13-	116298	14 140		11.13-	115945	12 1.4
		11.13-	116359	14 140				
		11.13-	116384	14 180				
		11.13-	116647	14 140				
		11.13-	116717	14 140				
	[CUNA]	04.13-	115898	14 140		A25 04.13-	115402	12 1.8
		04.13-	116195	14 180		04.13-	115900	12 1.1
		04.13-	116206	12 110		04.13-	115945	12 1.4
		04.13-	116359	14 140				
Golf VII Van 2.0 TDI BlueMotion		05.13-	114322	14 140		05.13-	115560	12 1.7
		05.13-	115898	14 140		A25 05.13-	115336	12 2.2
		05.13-	116195	14 180		DKG 05.13-	115944	12 1.7
		05.13-	116206	12 110		A25 05.13-	115818	12 1.1
		05.13-	116359	14 140				
		05.13-	116384	14 180				
		05.13-	116647	14 140				
		05.13-	116717	14 140				
Golf VII Van 2.0 TDI BlueMotion	[CRBC]	05.13-	115898	14 140		A25 05.13-	115336	12 2.2
		05.13-	116195	14 180		05.13-	115944	12 1.7
		05.13-	116206	12 110		A25 05.13-	115818	12 1.1
		05.13-	116359	14 140				
Golf VII Van 2.0 GTI	[CHHA]	04.15-	116386	14 140				
		04.15-	116387	14 140				
		04.15-	116747	14 180				



Application list

VW Continued

	[CHHB]	04.13- 04.13- 04.13-	116386 116387 116747	14 140 14 140 14 180				
Golf VII Van 2.0 GTI TCR	[CJXH, DNUC]	01.19- 01.19-	116387 116747	14 140 14 180				
Golf VIII 1.0 TSI	[DLAB]				02.20-	115560	12 1.7	
	[DLAA]				02.20-	115560	12 1.7	
Golf VIII 1.5 TSI	[DPBA]				07.19-	115560	12 1.7	
	[DPCA]				07.19-	115560	12 1.7	
Golf VIII 1.5 TGI	[DHFA]				09.20-	115944	12 1.7	
					09.20-	116272	12 1.1	
Golf VIII 2.0 TDI	[DSRB]				08.19-	115539	12 2.0 A49	
					08.19-	116156	12 2.0	
	[DSUD]				08.19-	115402	12 1.8	
Golf VIII 2.0 TDi 4Motion	[DTUA]				11.20-	116156	12 2.0	
Golf VIII 2.0 TDi GTD	[DTUA]				09.20-	116156	12 2.0	
Golf VIII 2.0 GTI	[DNPA]			For vehicles with DKG	09.20-	115560	12 1.7	
					09.20-	115561	12 1.7	
Golf VIII 2.0 GTI Clubsport	[DNFC]				10.20-	115561	12 1.7	
Golf VIII 2.0 TSI R 4Motion	[DNFG]				09.20-	115561	12 1.7	
Golf VIII Variant 1.0 TSI	[DLAB]				08.20-	115560	12 1.7	
	[DLAA]				08.20-	115560	12 1.7	
Golf VIII Variant 1.5 TSI	[DPBA]				08.20-	115560	12 1.7	
	[DPCA]				08.20-	115560	12 1.7	
Golf VIII Variant 2.0 TDi	[DSUD]				08.20-	115402	12 1.8	
					08.20-	115610	12 2.0	
	[DTSB]				08.20-	116156	12 2.0	
Grand California Camper 2.0 TDI	[DAUA, DNAE]	04.19- 04.19- 04.19-	115898 116195 116359	14 140 14 180 14 140	AT Manual gearbox	04.19- 04.19-	115402 116411	12 1.8 12 2.2
	[DAVA]	04.19- 04.19- 04.19-	115898 116195 116359	14 140 14 180 14 140	DKG	04.19- 04.19-	115402 116411	12 1.8 12 2.2
Grand California Camper 2.0 TDI	[DAVA]	04.19- 04.19- 04.19-	115898 116195 116359	14 140 14 180 14 140	DKG	04.19- 04.19-	115402 116411	12 1.8 12 2.2
	[DNAE, DAUA]	04.19- 04.19- 04.19-	115898 116195 116359	14 140 14 180 14 140	AT Manual gearbox	04.19- 04.19-	115402 116411	12 1.8 12 2.2
Ittis 1.7	[YX]	08.80- 12.88	111653	14 45				
Jetta 1.1	[GG]	08.80- 07.82 08.81- 07.82	110360 110913	14 45 14 70	AT	08.80- 07.82	110864	12 0.7
Jetta 1.2 TSI	[CBZB]	02.11- 02.11- 02.11-	115765 115767 116207	14 140 14 140 14 110	DKG	02.11- 02.11- 02.11- 02.11- 02.11-	116272 115900 115696 115612 115645	12 1.1 12 1.1 12 1.1 12 1.2 12 2.0
Jetta 1.3	[2G]	01.89- 07.92	111288	14 65	AT	01.89- 07.92	113509	12 1.7
	[GF]	02.80- 12.83 08.81- 12.83	110360 110913	14 45 14 70	AT	02.80- 12.83 08.81- 12.83	110864 111059	12 0.7 12 0.9
	[GS]	08.82- 12.83 08.82- 12.83	110360 110913	14 45 14 70	AT	08.82- 12.83 08.82- 12.83	110864 111059	12 0.7 12 0.9
	[GT]	08.85- 07.87	111288	14 65		08.85- 07.87	110996	12 1.7 A49
	[MH]	08.85- 12.88	111288	14 65	AT	08.85- 12.88	111909	12 1.1
	[NZ]	02.87- 07.92	111288	14 65		02.87- 07.92	111909	12 1.1
Jetta 1.4 TSi	[CAVD]	04.11-	114884	14 140		04.11- 04.11-	114163 115612	12 1.1 12 1.2
	[CAXA]	05.07-	114769	14 110	05.07- Direct shift gearbox (Double Clutch)	05.07-	114163 115611	12 1.1 12 1.1
	[CTHD]	04.11-	114884	14 140		04.11- 04.11-	114163 115612	12 1.1 12 1.2
Jetta 1.5	[JB]	08.79- 12.83	111653	14 45		08.79- 12.83	113773	12 1.1
Jetta 1.5 TGI TGI	[DHFA]	12.18- 12.18- 12.18-	116193 116231 116298	14 140 12 110 14 140	A25	12.18- 12.18-	115818 115696	12 1.1 12 1.1
Jetta 1.6 Multijet	[CCSA]	01.08-	113992	14 140		01.08-	115504	12 1.1 A49
Jetta 1.6 Diesel	[CR]	08.80- 12.83 AC 08.80- 12.83	110360 110913	14 45 14 70	AT	08.80- 12.83 08.80- 12.83	110864 111059	12 0.7 12 0.9
	[JK]	08.80- 12.83	110360	14 45	AT	08.80- 12.83	110864	12 0.7
		08.80- 12.83	110913	14 70		08.80- 12.83	111059	12 0.9
	[JP]	08.85- 10.91 AC 08.85- 10.91	111154 111288	14 65 14 65		08.85- 10.91 08.85- 10.91	111059 111060	12 0.9 12 1.7
		01.84- 05.84	112729	14 90		01.84- 05.84	113841	12 1.7
	[ME]	08.85- 10.91 AC 08.85- 10.91	111154 111154	14 65 14 65		08.85- 10.91 08.85- 10.91	111059 111060	12 0.9 12 1.7
Jetta 1.6 TD	[1V]	08.89- 07.92 AC 08.89- 07.92	111154 111288	14 65 14 65		08.89- 07.92 08.89- 07.92	111060 111909	12 1.7 12 1.1
	[CY]	03.82- 12.83 AC 03.82- 12.83	110360 110913	14 45 14 70	AT	03.82- 12.83 03.82- 12.83	110864 111059	12 0.7 12 0.9
	[JR]	08.85- 10.91 AC 08.85- 10.91	111154 111288	14 65 14 65		08.85- 10.91 08.85- 10.91	111059 111060	12 0.9 12 1.7
		01.84- 05.84	112729	14 90		01.84- 05.84	113841	12 1.7
	[MF]	08.85- 07.92 AC 08.85- 07.92	111154 111288	14 65 14 65		08.85- 07.92 08.85- 07.92	111059 111060	12 0.9 12 1.7
	[RA]	04.89- 02.90 AC 04.89- 02.90	111154 111288	14 65 14 65		04.89- 02.90 04.89- 02.90	111059 111060	12 0.9 12 1.7
	[SB]	08.89- 10.91 AC 08.89- 10.91	111154 111288	14 65 14 65		08.89- 10.91 08.89- 10.91	111059 110996	12 0.9 12 1.7 A49
Jetta 1.6 TDI	[CAYC]	02.11- 02.11- 02.11- 02.11-	113992 115433 116036 116452	14 140 14 140 14 140 14 140	DKG A25	06.09- 02.11- 02.11- 02.11- 02.11-	115610 115504 116349 115818 115696	12 2.0 12 1.1 12 1.7 12 1.1 12 1.1
Jetta 1.6	[FR]	08.80- 12.83	111653	14 45		08.80- 12.83	113773	12 1.1
	[ABN]	01.84- 07.85 08.85- 07.92	110919 112149	14 65 14 65		01.84- 07.85 08.85- 07.92	111059 113773	12 0.9 12 1.1
	[BSE]	10.05- 10.05-	111989 113992	14 90 14 140		10.05- 10.05- 10.05-	113773 113842 115612	12 1.1 12 1.7 12 1.2



Jetta 1.6 FSi	[BSF]	10.05- 10.05-	111989 113992	14 90 14 140	10.05- 10.05- 10.05-	113773 115402 115612	12 1.1 12 1.8 12 1.2
	[CCSA]	10.05- 10.05-	111989 113992	14 90 14 140	10.05- 10.05- 10.05-	113773 115336 115612	12 1.1 12 2.2 12 1.2
	[EZ]	01.84- 07.92 01.84- 07.92 01.84- 07.92	111094 111154 112729	14 65 14 65 14 90	01.84- 07.92 01.84- 07.92 01.84- 07.92	111059 111060 113841	12 0.9 12 1.7 12 1.7
	[HM]	01.84- 07.85 08.85- 07.88	110919 112149	14 65 14 65	01.84- 07.85 08.85- 07.88	111059 113773	12 0.9 12 1.1
	[PN]	10.86- 07.92	112149	14 65	10.86- 07.92	113773	12 1.1
	[RF]	03.86- 10.91	112149	14 65	03.86- 10.91	113773	12 1.1
	[BLF]	09.05-	114769	14 110	09.05-	114163	12 1.1
	[EG]	08.79- 07.82	111653	14 45	08.79- 07.82	113773	12 1.1
	[EJ]	08.79- 08.80 08.79- 08.80	110975 111653	14 65 14 45	08.79- 08.80 08.79- 08.80	111059 113773	12 0.9 12 1.1
	[BSF]	07.09- 12.10	113992	14 140	07.09- 12.10	114163	12 1.1
	[EV]	01.84- 07.85 08.85- 07.87	110919 112149	14 65 14 65	01.84- 07.85 08.85- 07.87	111059 113773	12 0.9 12 1.1
	[GU]	12.83- 07.85 08.85- 10.91	110919 112149	14 65 14 65	12.83- 07.85 08.85- 10.91	111059 113841	12 0.9 12 1.7
Jetta 1.6 Bifuel BiFuel	[GX]	08.84- 07.85 08.85- 10.87 08.85- 07.88 12.83- 07.85	111094 112888 112149 110919	14 65 14 65 14 65 14 65	12.83- 07.85 08.85- 10.87 08.85- 10.91 08.85- 10.87	111059 111909 113773 113509	12 0.9 12 1.1 12 1.1 12 1.7
	[GZ]	01.84- 07.85 08.85- 07.87	110919 112149	14 65 14 65	01.84- 07.85 08.85- 07.87	111059 113841	12 0.9 12 1.7
	[HV]	12.83- 07.85 04.84- 07.87 08.85- 07.87	110919 111288 112149	14 65 14 65 14 65	12.83- 07.85 04.84- 07.87 08.85- 07.87	111059 113509 113841	12 0.9 12 1.7 12 1.7
	[JJ]	08.82- 12.83	111653	14 45	08.82- 12.83	113773	12 1.1
	[PB]	02.87- 10.91	112149	14 65	02.87- 10.91	113841	12 1.7
	[PF]	08.85- 07.92	112149	14 65	08.85- 07.92	113773	12 1.1
	[RD]	08.85- 10.87	112149	14 65	08.85- 10.87	113841	12 1.7
	[RH]	08.86- 07.90	112149	14 65	08.86- 07.90	113773	12 1.1
	[RP]	01.84- 07.85 08.85- 10.91	110919 112149	14 65 14 65	01.84- 07.85 08.85- 10.91	111059 113773	12 0.9 12 1.1
	[1P]	08.88- 07.92	112149	14 65	08.88- 07.92	113841	12 1.7
	[RP]	10.87- 10.91	111288	14 65	10.87- 10.91	110996	12 1.7 A49
	[CPKA]	07.14-	114722	14 140	07.14-	114163	12 1.1
	[CPRA]	07.14-	114722	14 140	07.14-	114163	12 1.1
Jetta 1.8 Syncro	[BKC]	09.05- 09.05-	113992 115370	14 140 14 110	09.05- 09.05-	113842 114163	12 1.7 12 1.1
	[BLS]	08.05- 08.05-	113992 115370	14 140 14 110	08.05- 08.05-	115311 114163	12 2.0 12 1.1
	[BXE]	09.05- 09.05-	113992 115370	14 140 14 110	09.05- 09.05-	115333 116720	12 1.0 12 1.4
	[AZV]	09.05- 09.05-	113992 115370	14 140 14 110	09.05- 09.05-	115333 116703	12 1.0 12 1.4
	[BKD]	08.05- 08.05-	113992 115370	14 140 14 110	08.05- 08.05-	115560 114163	12 1.7 12 1.1
	[BMM]	10.05- 10.05-	113992 115370	14 140 14 110	10.05- 10.05-	115333 116703	12 1.0 12 1.4
	[BMN]	10.06- 10.06-	113992 115370	14 140 14 110	10.06- 10.06-	115333 114163	12 1.0 12 1.1
	[CBDA]	09.05- 09.05-	113992 115370	14 140 14 110	09.05- 09.05-	114176 116349	12 1.0 12 1.7
	[CBDB]	04.08-	113992	14 140	04.08-	115336	12 2.2
	[CEGA]	10.06- 10.06-	113992 115370	14 140 14 110	10.06- 10.06-	114176 116349	12 1.0 12 1.7
	[CFFB]	02.11-	113992	14 140	02.11- 02.11-	115504 115638	12 1.1 12 1.7
	[CFHC]	02.11-	113992	14 140	02.11- 02.11-	114299 115638	12 1.7 12 1.7
	[CJAA]	04.08-	113992	14 140	04.08- 02.11- 02.11-	114176 115508 115638	12 1.0 12 1.7 12 1.7
Jetta 1.8 TSi	[CLCA]	10.10- 10.10- 10.10-	113992 115898 116717	14 140 14 140 14 140	10.10- 10.10- 10.10-	115504 115900 115634	12 1.1 12 1.1 12 1.8
	[CLCB]	02.11-	113992	14 140	02.11- 02.11-	115508 115638	12 1.7 12 1.7
	[CUUB]	07.14- 08.14-	116717 115898	14 140 14 140	07.14- 08.14-	115634 115900	12 1.8 12 1.1
	[CBPA]	06.10- 06.10-	113992 115370	14 140 14 110	06.10- 06.10-	115504 116720	12 1.1 12 1.4
	[CKJA]	06.10- 06.10-	113992 115370	14 140 14 110	06.10- 06.10-	115508 116720	12 1.7 12 1.4
	[BLR]	08.05-	113992	14 140	08.05-	113842	12 1.7
	[BLY]	08.05-	113992	14 140	08.05-	115311	12 2.0
	[BVY]	08.05-	113992	14 140	AT 08.05-	115333	12 1.0
	[BVZ]	08.05-	113992	14 140	AT 08.05-	115333	12 1.0
	[BPY]	10.05-	113992	14 140	AT 10.05-	115333	12 1.0
	[BWA]	10.05-	113992	14 140	10.05-	115311	12 2.0
	[CAWB]	10.05-	113992	14 140	10.05-	114299	12 1.7
Jetta 2.0 TDi	[CBFA]	10.05-	113992	14 140	10.05-	114175	12 1.1
	[CCTA]	02.08-	113992	14 140	02.08-	115333	12 1.0
	[CCZA]	10.05-	113992	14 140	10.05-	114176	12 1.0
	[CBFA]	12.10-	114722	14 140	12.10-	114163	12 1.1
	[CCTA]	12.10-	114722	14 140	12.10-	114163	12 1.1
	[CCZA]	12.10-	114722	14 140	12.10-	114163	12 1.1
	[CYVD]	08.14- 08.14-	116193 116298	14 140 14 140	DKG 08.14- 08.14- 08.14-	115944 115696 115645	12 1.7 12 1.1 12 2.0
	[CAVA]	04.11-	114884	14 140	04.11- 04.11-	114034 115612	12 1.0 12 1.2
	[CBPA]	06.10- 06.10-	113992 115370	14 140 14 110	06.10- 06.10-	115504 116720	12 1.1 12 1.4
	[CKJA]	06.10- 06.10-	113992 115370	14 140 14 110	06.10- 06.10-	115508 116720	12 1.7 12 1.4
	[BLR]	08.05-	113992	14 140	08.05-	113842	12 1.7
	[BLY]	08.05-	113992	14 140	08.05-	115311	12 2.0
	[BVY]	08.05-	113992	14 140	AT 08.05-	115333	12 1.0
	[BVZ]	08.05-	113992	14 140	AT 08.05-	115333	12 1.0
Jetta 2.0 FSi	[BPY]	10.05-	113992	14 140	AT 10.05-	115333	12 1.0
	[BWA]	10.05-	113992	14 140	10.05-	115311	12 2.0
	[CAWB]	10.05-	113992	14 140	10.05-	114299	12 1.7
	[CBFA]	10.05-	113992	14 140	10.05-	114175	12 1.1
	[CCTA]	02.08-	113992	14 140	02.08-	115333	12 1.0
	[CCZA]	10.05-	113992	14 140	10.05-	114176	12 1.0
	[CBFA]	12.10-	114722	14 140	12.10-	114163	12 1.1
	[CCTA]	12.10-	114722	14 140	12.10-	114163	12 1.1
	[CCZA]	12.10-	114722	14 140	12.10-	114163	12 1.1
	[CYVD]	08.14- 08.14-	116193 116298	14 140 14 140	DKG 08.14- 08.14- 08.14-	115944 115696 115645	12 1.7 12 1.1 12 2.0
	[CAVA]	04.11-	114884	14 140	04.11- 04.11-	114034 115612	12 1.0 12 1.2
	[CBPA]	06.10- 06.10-	113992 115370	14 140 14 110	06.10- 06.10-	115504 116720	12 1.1 12 1.4
	[CKJA]	06.10- 06.10-	113992 115370	14 140 14 110	06.10- 06.10-	115508 116720	12 1.7 12 1.4



VW Continued

	[CAXA]				05.11-	115612	12	1.2
	[CMSB]				05.11-	115612	12	1.2
	[CTHA]	04.11-	114884	14 140	DKG 04.11-	116272	12	1.1
					04.11-	115612	12	1.2
Jetta IV 1.6	[CFNA]	12.11-	114884	14 140	12.11-	115900	12	1.1
					12.11-	115612	12	1.2
	[CFNB]	03.13-	114884	14 140	03.13-	115900	12	1.1
	[CLRA]	12.11-	114884	14 140	12.11-	115560	12	1.7
					12.11-	115612	12	1.2
Jetta IV 2.0 TSI	[CPLA]				12.12- 12.17	115696	12	1.1
Jetta VI 1.6	[CWVA]				09.15-	115560	12	1.7
					09.15-	115696	12	1.1
K 70 1.6	[DA]	08.70- 10.74	110975	14 65				
		01.73- 10.74	110360	14 45				
K 70 1.8	[DC]	01.73- 10.74	110360	14 45				
Kaefer 1.2	[D]	08.74- 07.75	111096	14 51	08.74- 07.75	110363	12	0.7
Kaefer 1.2 1303	[D]	04.75- 07.75	111096	14 51	04.75- 07.75	110363	12	0.7
Kaefer 1.3	[AB]	08.74- 07.75	111096	14 51	08.74- 07.75	110363	12	0.7
	[AR]	08.74- 07.75	111096	14 51	08.74- 07.75	110363	12	0.7
Kaefer 1.3 1302	[AB]				08.70- 07.72	110363	12	0.7
Kaefer 1.3 1303	[AB]				08.72- 07.75	110363	12	0.7
		08.74- 07.75	111096	14 51				
Kaefer 1.3 Karmann	[F]				08.69- 07.70	110363	12	0.7
Kaefer 1.6	[ACD]				10.92-	110363	12	0.7
		07.94-	111096	14 51				
	[AD]	08.74- 12.79	111096	14 51	08.74- 12.79	110363	12	0.7
	[AF]				10.73- 09.92	110363	12	0.7
	[AJ]	08.74- 12.79	111096	14 51	08.74- 12.79	110363	12	0.7
	[AS]				08.72- 12.79	110363	12	0.7
		08.74- 12.79	111096	14 51				
Kaefer 1.6	[AS]	08.75- 12.77	111096	14 51	08.75- 12.77	110363	12	0.7
Karmann Ghia 1.5	[H]				01.66- 12.69	110363	12	0.7
Karmann Ghia 1.6 1600	[AD]				01.70- 12.73	110363	12	0.7
Kombi / Caravelle V Bus 2.0 CNG	[AXA]	01.06- 08.15	112002	14 120	01.06- 08.15	113841	12	1.7
		01.06- 08.15	112079	14 90	01.06- 08.15	114163	12	1.1
		01.06- 08.15	113992	14 140				
		01.06- 08.15	114789	14 90 A49				
		01.06- 08.15	115483	14 120 A49				
Kombi / Caravelle V Bus 2.0 TDI	[CSDA]	05.11- 08.15	114697	14 180				
		05.11- 08.15	115707	14 110				
		05.11- 08.15	115730	14 140				
	A25	05.11- 08.15	116195	14 180				
	A25	05.11- 08.15	116359	14 140				
Kombi / Caravelle V Bus 3.2 V6	[BDL]	11.03- 11.09	112002	14 120	11.03- 11.09	115336	12	2.2
		11.03- 11.09	113884	14 150				
		11.03- 11.09	115483	14 120				
Kombi / Caravelle VI Bus 2.0 TDI	[CXGD]	10.19-	115898	14 140	A25 10.19-	115336	12	2.2
		10.19-	116195	14 180				
		10.19-	116359	14 140				
	[CXHC]	07.19-	115898	14 140	A25 07.19-	115336	12	2.2
		07.19-	116195	14 180				
		07.19-	116359	14 140				
Load Up 1.0	[CHYA]	12.14-	115695	14 110	12.14-	115560	12	1.7
		12.14-	116204	14 90	12.14-	115696	12	1.1
	A25	12.14-	116232	14 110				
Load Up 1.0 BlueMotion	[CHYB]	05.16-	115695	14 110	05.16-	115696	12	1.1
		05.16-	116204	14 90				
	A25	05.16-	116232	14 110				
Load Up 1.0 EcoFuel	[CPGA]	12.14-	115695	14 110	A25 12.14-	115560	12	1.7
		12.14-	116204	14 90	12.14-	115696	12	1.1
	A25	12.14-	116232	14 110				
Load Up 1.0 TSI BlueMotion	[CHZA]	A25 05.16-	116231	12 110				
LT 28-35 2.0	[CH]	08.79- 11.82	111653	14 45	08.79- 11.82	112430	12	2.0
					08.79- 11.82	112537	12	2.2
LT 28-35 2.3	[AGL]	05.96-	111902	14 115	05.96-	114304	12	2.3
LT 28-35 2.4 Diesel	[1S]	08.88- 07.92	111094	14 65	08.88- 07.92	111120	12	2.2
		08.88- 07.92	112729	14 90	08.89- 07.92	111112	12	2.0
	[ACT]	08.92- 04.96	111094	14 65 Change pulley	08.92- 04.96	111347	12	1.2
					08.92- 12.95	111120	12	2.2
		08.92- 04.96	112729	14 90				
	[CP]	08.79- 11.82	111653	14 45	08.79- 11.82	112537	12	2.2
					09.79- 11.82	112430	12	2.0
	[DW]	12.78- 02.91	111653	14 45	12.78- 02.91	112221	12	2.0
		12.78- 02.91	112149	14 65				
		12.78- 02.91	112729	14 90				
					11.82- 07.92	111120	12	2.2
					11.82- 07.85	112430	12	2.0
					12.82- 07.85	112537	12	2.2
					08.87- 07.92	110844	12	2.2
					08.87- 07.92	111112	12	2.0
		11.82- 07.92	111094	14 65 Change pulley				
LT 28-35 2.4 TD	[1G]	08.88- 08.92	111094	14 65	08.88- 08.92	111112	12	2.0
					08.88- 08.92	111120	12	2.2
					08.88- 08.92	111347	12	1.2
		08.88- 08.92	112149	14 65				
		08.88- 08.92	112729	14 90				
	[ACL]	09.92- 04.96	111094	14 65	09.92- 04.96	111112	12	2.0
					09.92- 04.96	111120	12	2.2
		09.92- 04.96	112729	14 90				
	[DV]	12.82- 07.85	111653	14 45	12.82- 07.85	112430	12	2.0
					12.82- 07.85	112537	12	2.2
					08.85- 08.92	111120	12	2.2
		08.83- 08.92	112729	14 90	08.87- 08.92	111112	12	2.0
					08.87- 08.92	111347	12	1.2
		08.85- 08.92	111094	14 65				
		08.85- 08.92	112149	14 65				
LT 28-35 2.4	[DL]	12.82- 07.85	111653	14 45	12.82- 07.85	112430	12	2.0
					12.82- 07.85	112537	12	2.2
		08.83- 07.84	112729	14 90	08.85- 07.92	111120	12	2.2
		08.85- 07.92	111094	14 65				
		08.85- 07.92	112149	14 65				



LT 28-35 2.4 i	[1E]	10.88- 04.96 10.88- 07.93 10.88- 04.96	111094 112149 112729	14 65 14 65 14 90	10.88- 04.96	112537	12 2.2
LT 28-35 2.5 SDi	[AGX]	05.96- 04.01 07.96- 07.98 07.96- 07.98 07.98-	113754 111898 111899 112043	14 120 14 120 14 90 14 90	07.96- 07.98	112221	12 2.0
LT 28-35 2.5 TDi	[AHD]	05.96- 05.99 05.96- 07.98 05.96- 05.99 07.98-	111898 111899 113754 112043	14 120 14 90 14 120 14 90	05.96- 05.99 05.96- 07.98	112221 112014	12 2.0 12 2.0
	[ANJ]	05.99- 05.99- 04.06	112043 113754	14 90 14 120			
	[APA]	05.99- 05.99- 04.01	112043 113754	14 90 14 120			
	[AVR]	12.02- 04.06	113754	14 120			
	[BBE]	05.01- 05.01-	112043 113754	14 90 14 120			
	[BBF]	05.01- 05.01-	112043 113754	14 90 14 120			
LT 28-35 2.8 TDi	[AGK]	06.97- 07.98 06.97- 07.98 01.98- 12.98	111898 111899 113888	14 120 14 90 14 90	06.97- 07.98 06.97- 07.98	112221 112014	12 2.0 12 2.0
	[ATA]	01.99- 01.02	113888	14 90			
	[AUH]	04.02- 04.02- 04.02- 04.02- 07.06	112002 112079 114789 115483	14 120 14 90 14 90 14 120	Change pulley A47 A49	04.02- 114304	12 2.3
	[BCQ]	04.02- 04.02- 04.02- 04.02- 07.06	112002 112079 114789 115483	14 120 14 90 14 90 14 120	A47 A47 A49 A49	04.02- 114304	12 2.3
LT 40-55 2.4 Diesel	[1S]	08.89- 07.92	111094	14 65	Change pulley	08.89- 07.92	111112 12 2.0
		08.89- 07.92	112729	14 90		08.89- 07.92	111347 12 1.2
	[ACT]	08.92- 12.95 08.92- 12.95	111094 112729	14 65 14 90	Change pulley	08.92- 12.95	114304 12 2.3 111112 12 2.0
	[CP]	08.79- 11.82	111653	14 45		08.79- 11.82	111120 12 2.2 112537 12 2.2
	[DW]	12.78- 02.91 12.78- 02.91 12.78- 02.91	111653 112149 112729	14 45 14 65 14 90		12.78- 02.91 12.78- 02.91	112537 12 2.2 114304 12 2.3
LT 40-55 2.4 Diesel 4x4	[DW]	12.82- 07.85 08.84- 07.92 08.85- 07.92	111653 112729 111094	14 45 14 90 14 65		12.82- 07.85 08.85- 07.92	112537 12 2.2 111120 12 2.2
LT 40-55 2.4 TD	[1G]	08.88- 08.92 08.88- 08.92	111094 112729	14 65 14 90		08.88- 08.92 08.88- 08.92	110844 12 2.2 114304 12 2.3
	[ACL]	09.92- 04.96 09.92- 04.96	111094 112729	14 65 14 90		09.92- 04.96	111112 12 2.0
	[DV]	08.85- 08.92 12.82- 07.85 12.82- 08.92	111094 111653 112729	14 65 14 45 14 90		12.82- 07.85 12.82- 08.92 08.85- 08.92	112537 12 2.2 114304 12 2.3 111112 12 2.0 111347 12 1.2
LT 40-55 2.4 TD 4x4	[DV]	09.85- 08.92 09.85- 08.92	111094 112729	14 65 14 90		09.85- 08.92	111120 12 2.2
LT 40-55 2.4	[DL]	09.85- 07.92	111094	14 65		09.85- 07.92	111120 12 2.2
LT 40-55 2.4 i	[1E]	10.88- 04.96 07.93- 04.96	111094 112729	14 65 14 90		10.88- 04.96	111120 12 2.2
LT 40-55 2.5 SDi	[AGX]	09.96-	113754	14 120			
LT 40-55 2.5 TDi	[ANJ]	05.99-	113754	14 120			
	[APA]	05.99-	113754	14 120			
	[AVR]	05.99-	113754	14 120			
	[BBE]	05.01- 05.01-	112043 113754	14 90 14 120		05.01-	112221 12 2.0
	[BBF]	05.01- 05.01-	112043 113754	14 90 14 120		05.01-	112014 12 2.0
LT 40-55 2.8 TDi	[AUH]	04.02- 04.06	112002	14 120	Change pulley	04.02- 04.06	112537 12 2.2
				14 120	Change pulley	04.02-	112430 12 2.0
		04.02- 04.02- 04.02- 04.02- 07.06	112079 114789 114789 115483	14 90 14 90 14 90 14 120	A47 A49 A49	04.02- 112221	12 2.0 12 2.0
	[BCQ]	04.02- 04.02- 04.02- 04.02- 07.06	112002 112079 114789 115483	14 120 14 90 14 90 14 120	A47 A47 A49 A49	04.02- 112221	12 2.0 12 2.0
LT28-50 2.4 281-363	[1E]	08.88- 04.96 08.88- 04.96	112149 112729	14 65 14 90			
Lupo 1.0	[AER]	PS 01.99- PS 01.99-	112273 112274	14 70 14 90		01.99- 01.99-	112307 12 1.1 113750 12 0.9 BO
	[ALD]	PS 05.99- PS 05.99-	112273 112274	14 70 14 90		05.99- 05.99-	112307 12 1.1 113750 12 0.9 BO
	[ALL]	PS 10.98- PS 10.98-	112273 112274	14 70 14 90		10.98- 10.98-	111900 12 1.8 114758 12 0.9 MA
	[ANV]	PS 05.99- PS 05.99-	112273 112274	14 70 14 90		05.99- 05.99-	112307 12 1.1 113750 12 0.9 BO
	[AUC]	PS 10.98- PS 10.98-	112273 112274	14 70 14 90		10.98- 10.98-	111904 12 1.8 114758 12 0.9 MA
Lupo 1.2 TDi 3L	[ANY]	07.99-	113275	14 120			
	[AYZ]	07.99-	113275	14 120			
Lupo 1.4 TDi	[AMF]	01.99-	113275	14 120			
Lupo 1.4	[AHW]	01.99- 01.99- 10.98- 10.98-	112273 112274 112273 112274	14 70 14 90 14 70 14 90		AT 01.99- 01.99- 10.98- 10.98-	111823 12 1.1 114758 12 0.9 MA 113750 12 0.9 BO 114758 12 0.9 MA
	[AKQ]						
	[APE]	05.99- 05.99-	112273 112274	14 70 14 90		05.99- 05.99-	112307 12 1.1 113750 12 0.9 BO
	[AUD]	10.00-	112274	14 90		10.00-	114758 12 0.9 MA
Lupo 1.4 16V	[AFK]	05.99- 05.99-	112273 112274	14 70 14 90		AC 05.99- 05.99-	111823 12 1.1 114758 12 0.9 MA



VW Continued

	[ANM]	05.99-05.99-	112273	14	70	05.99-05.99-	112307	12	1.1	
	[AQQ]	05.99-05.99-	112273	14	70	05.99-05.99-	113750	12	0.9	BO
		05.99-05.99-	112274	14	90	05.99-05.99-	113750	12	0.9	BO
	[AUB]	05.00-05.00-	112273	14	70	AC 05.00-05.00-	111823	12	1.1	
Lupo 1.6		05.00-05.00-	112274	14	90		113515	12	0.9	
	[BLH]	01.04-12.09	112079	14	90	01.04-12.09	112307	12	1.1	
Lupo 1.6 GTi		01.04-12.09	112274	14	90	01.04-12.09	114758	12	0.9	MA
	[AVY]	09.00-09.00-	111989	14	90	09.00-09.00-	112435	12	1.1	
		09.00-09.00-	112075	14	70	09.00-09.00-	112307	12	1.1	
Multivan 1.9 TDi		09.00-09.00-	112274	14	90	09.00-09.00-	115503	12	1.8	A49
	[AXB]	04.03-04.03-	112002	14	120 A47	04.03-04.03-	113387	12	2.0	
		04.03-04.03-	112079	14	90 A47	04.03-04.03-	113678	12	2.2	
		04.03-04.03-	113992	14	140	04.03-04.03-	115561	12	1.7	
		04.03-04.03-	115483	14	120 A49	04.03-04.03-	115507	12	2.2	A49
	[AXC]	04.03-11.09	112002	14	120 A47	04.03-11.09	113678	12	2.2	
		04.03-11.09	112079	14	90 A47	04.03-11.09	114299	12	1.7	
		04.03-11.09	115483	14	120 A49					
	[BRR]	01.06-01.06-	112002	14	120 A47	01.06-01.06-	113678	12	2.2	
		01.06-01.06-	113992	14	140	01.06-01.06-	115402	12	1.8	
		01.06-01.06-	115483	14	120 A49	01.06-01.06-	115508	12	1.7	A49
	[BRS]	06.06-06.06-	112002	14	120 A47	06.06-06.06-	113678	12	2.2	
		06.06-06.06-	113992	14	140	06.06-06.06-	115561	12	1.7	
		06.06-06.06-	115483	14	120 A49	06.06-06.06-	115508	12	1.7	A49
Multivan 2.0 BiTDI	[CFCA]	09.09-09.09-	114697	14	180	09.09-09.09-	115402	12	1.8	
		09.09-09.09-	115707	14	110	09.09-09.09-	114299	12	1.7	
		09.09-08.15	116717	14	140					
Multivan 2.0 BiTDI 4 Motion	[CFCA]	09.09-09.09-	114697	14	180	09.09-09.09-	115336	12	2.2	
		09.09-09.09-	115707	14	110	09.09-09.09-	114163	12	1.1	
		09.09-08.15	116717	14	140					
Multivan 2.0 TDi	[CCHA]	09.09-09.09-	114697	14	180	09.09-09.09-	115507	12	2.2	A49
		09.09-09.09-	115707	14	110	09.09-09.09-	115638	12	1.7	
		09.09-08.15	116717	14	140					
	[CCHB]	05.10-05.10-	114697	14	180	05.10-05.10-	115507	12	2.2	A49
		05.10-05.10-	115707	14	110	05.10-05.10-	115900	12	1.1	
		05.10-08.15	116717	14	140					
	[CFCA]	04.15-04.15-	116359	14	140					
		04.15-04.15-	116717	14	140					
	[CXEB]	06.15-06.15-	115898	14	140	06.15-06.15-	115638	12	1.7	
		06.15-06.15-	116359	14	140					
		06.15-06.15-	116717	14	140					
	[CXFA]	04.15-04.15-	115898	14	140	04.15-04.15-	115638	12	1.7	
		04.15-04.15-	116359	14	140					
		04.15-04.15-	116576	14	180					
		04.15-04.15-	116717	14	140					
	[CXGA]	04.15-04.15-	115898	14	140	04.15-04.15-	115638	12	1.7	
		04.15-04.15-	116359	14	140					
		04.15-04.15-	116576	14	180					
		04.15-04.15-	116717	14	140					
	[CXGB]	04.15-04.15-	115707	14	110	04.15-04.15-	115638	12	1.7	
		04.15-04.15-	116576	14	180					
		04.15-04.15-	116717	14	140					
	[CXGC]	05.16-05.16-	116576	14	180					
		05.16-05.16-	116717	14	140					
	[CXHA]	04.15-04.15-	115898	14	140	04.15-04.15-	115638	12	1.7	
		04.15-04.15-	116359	14	140					
		04.15-04.15-	116576	14	180					
		04.15-04.15-	116717	14	140					
	[CXHB]	05.16-05.16-	116195	14	180	05.16-05.16-	115638	12	1.7	
		05.16-05.16-	116359	14	140					
		05.16-05.16-	116576	14	180					
		05.16-05.16-	116717	14	140					
	[CAAA]	09.09-09.09-	114697	14	180	09.09-09.09-	115336	12	2.2	
		09.09-09.09-	115707	14	110	09.09-09.09-	116156	12	2.0	
		09.09-08.15	116717	14	140					
	[CAAB]	09.09-09.09-	114697	14	180	09.09-09.09-	115336	12	2.2	
		09.09-09.09-	115707	14	110	09.09-09.09-	116156	12	2.0	
		09.09-08.15	116717	14	140	04.15-04.15-	115638	12	1.7	
		04.15-04.15-	116576	14	180					
	[CAAC]	09.09-09.09-	114697	14	180	09.09-09.09-	115336	12	2.2	
		09.09-09.09-	115707	14	110	09.09-09.09-	116097	12	2.0	
		09.09-08.15	116717	14	140	04.15-04.15-	115638	12	1.7	
	[CAAD]	05.11-05.11-	115707	14	110	05.11-05.11-	115696	12	1.1	
		05.11-08.15	116717	14	140					
	[CAAE]	05.10-05.10-	114697	14	180	05.10-05.10-	115507	12	2.2	A49
		05.10-05.10-	115707	14	110	05.10-05.10-	115900	12	1.1	
		05.10-08.15	116717	14	140					
Multivan 2.0 TDi 4 Motion	[CCHA]	09.09-09.09-	114697	14	180	09.09-09.09-	115507	12	2.2	A49
		09.09-09.09-	115707	14	110	09.09-09.09-	115638	12	1.7	
		09.09-08.15	116717	14	140					
	[CAAC]	09.09-09.09-	114697	14	180	09.09-09.09-	115336	12	2.2	
		09.09-09.09-	115707	14	110	09.09-09.09-	116097	12	2.0	
		09.09-08.15	116717	14	140					
Multivan 2.0 TDi 4motion	[CCHB]	05.10-05.10-	114697	14	180	05.10-05.10-	115507	12	2.2	A49
		05.10-05.10-	115707	14	110	05.10-05.10-	115900	12	1.1	
		05.10-08.15	116717	14	140					
	[CFCA]	06.15-06.15-	116359	14	140					
		06.15-06.15-	116717	14	140					
	[CXEB]	06.15-06.15-	115898	14	140	06.15-06.15-	115638	12	1.7	
		06.15-06.15-	116359	14	140					
		06.15-06.15-	116717	14	140					
	[CXFA]	08.15-08.15-	115898	14	140	08.15-08.15-	115638	12	1.7	
		08.15-08.15-	116359	14	140					
		08.15-08.15-	116576	14	180					
		08.15-08.15-	116717	14	140					
	[CAAC]	06.15-06.15-	115707	14	110	06.15-06.15-	115638	12	1.7	
	06.15-06.15-	116717	14	140						
[CAAE]	05.10-05.10-	114697	14	180	05.10-05.10-	115507	12	2.2	A49	
	05.10-05.10-	115707	14	110	05.10-05.10-	115900	12	1.1		
	05.10-08.15	116717	14	140						



Multivan 2.0	[AXA]	04.03-	112002	14 120 A47		04.03-	113678	12 2.2	
		04.03-	113992	14 140		04.03-	115402	12 1.8	
		11.03-	115483	14 120 A49		11.03-	115508	12 1.7	A49
Multivan 2.0 TSi	[CJKA]	04.15-	116747	14 180					
		04.15-	116747	14 180					
Multivan 2.0 TSi 4motion	[CJKA]	06.15-	116747	14 180					
Multivan 2.5 TDi	[AXD]	04.03-	113947	14 180		04.03-	113841	12 1.7	
		04.03-	113947	14 180		04.03-	113841	12 1.7	
		11.03-	113947	14 180		11.03-	113842	12 1.7	
		04.03-	113947	14 180		04.03-	113842	12 1.7	
		04.03-	113947	14 180		04.03-	115539	12 2.0	A49
Multivan 2.5 TDi 4 Motion	[AXD]	07.04-	113947	14 180		07.04-	113841	12 1.7	
		07.04-	113947	14 180		07.04-	113842	12 1.7	
		07.04-	113947	14 180		07.04-	113842	12 1.7	
		07.04-	113947	14 180		07.04-	115539	12 2.0	A49
		07.04-	113947	14 180		07.04-	115539	12 2.0	A49
Multivan 2.5	[AET]	08.96- 08.98	111898	14 120	AT	08.96- 08.98	111060	12 1.7	
		08.96- 08.98	111899	14 90		08.96- 08.98	112167	12 1.8	
		08.96- 06.03	113754	14 120		08.96- 06.03	113841	12 1.7	
		08.98-	112043	14 90		08.98-	113678	12 2.2	
		08.96- 08.98	111898	14 120	AT	08.96- 08.98	111060	12 1.7	
	[APL]	08.96- 08.98	111899	14 90		08.96- 08.98	112167	12 1.8	
		08.98-	112043	14 90		08.98-	113841	12 1.7	
		05.99- 12.99	113754	14 120					
		08.96- 04.03	111898	14 120		08.96- 04.03	111060	12 1.7	
		08.96- 04.03	111899	14 90		08.96- 04.03	112167	12 1.8	
	[AVT]	12.99- 06.03	112043	14 90		12.99- 06.03	113841	12 1.7	
		12.99- 06.03	113754	14 120					
		04.03-	112002	14 120 A47		04.03-	113387	12 2.0	
		04.03-	113884	14 150		04.03-	113841	12 1.7	
		04.03-	115483	14 120 A49		04.03-	115507	12 2.2	A49
Multivan 3.2 V6	[BDL]	02.04-	112002	14 120 A47		02.04-	113387	12 2.0	
		02.04-	113884	14 150		02.04-	113841	12 1.7	
		02.04-	115483	14 120 A49		02.04-	115507	12 2.2	A49
	[BKK]	02.04-	112002	14 120 A47		02.04-	113387	12 2.0	
		02.04-	113884	14 150		02.04-	113841	12 1.7	
		02.04-	115483	14 120 A49		02.04-	115507	12 2.2	A49
Multivan 3.2 V6 4 Motion	[CFLA]	02.04-	112002	14 120 A47		02.04-	113678	12 2.2	
		02.04-	115483	14 120 A49		02.04-	114299	12 1.7	
		07.04-	112002	14 120 A47		07.04-	113677	12 1.1	
	[BKK]	07.04-	113884	14 150		07.04-	113841	12 1.7	
		07.04-	115483	14 120 A49		07.04-	115508	12 1.7	A49
		07.04-	112002	14 120 A47		07.04-	113678	12 2.2	
Multivan T7 1.5 TSi TSi	[DRBA]					09.21-	115561	12 1.7	
Multivan T7 2.0 TSi	[DRNB]					10.21-	115561	12 1.7	
New Beetle 1.4	[BCA]	11.01-	112075	14 70		11.01-	114174	12 1.1	
		01.03-	111989	14 90		01.03-	111909	12 1.1	
						11.01-	112005	12 1.1	
New Beetle 1.6	[AWH]	10.99- 10.00	111989	14 90		10.99- 10.00	112005	12 1.1	
		10.99- 09.00	112002	14 120 A47		10.99- 09.00	115503	12 1.8	A49
		10.99- 10.00	112075	14 70	AT, 6 Speed	10.99- 10.00	114174	12 1.1	
		10.99- 10.00	115483	14 120 A49					
	[AYD]	06.00-	112002	14 120 A47		06.00-	111900	12 1.8	
		09.00- 05.01	111989	14 90		09.00- 05.01	112005	12 1.1	
		09.00- 05.01	112075	14 70		09.00- 05.01	114174	12 1.1	
		09.00- 05.01	115483	14 120 A49					
	[BFS]	06.00- 09.10	111989	14 90		06.00- 09.10	115504	12 1.1	A49
		06.00- 09.10	112002	14 120 A47		01.03-	115503	12 1.8	A49
		06.00- 09.10	112075	14 70	AT, 6 Speed	01.03-	114174	12 1.1	
		06.00- 09.10	115483	14 120 A49		06.00- 09.10	111909	12 1.1	
New Beetle 1.8	[AGU]	10.00- 09.10	111989	14 90		10.00- 09.10	111909	12 1.1	
		10.00- 09.10	112002	14 120 A47		10.00- 09.10	115504	12 1.1	A49
		10.00-	115483	14 120 A49					
	[APH]	10.99-	111989	14 90	Chas. 9C-2-640990-	10.99-	112166	12 1.7	
		10.99-	112075	14 70		10.99-	115504	12 1.1	A49
	[AVC]	05.99- 10.00	111989	14 90		05.99- 10.00	112005	12 1.1	
		05.99-	112002	14 120 A47		05.99-	111909	12 1.1	
		05.99- 10.00	112075	14 70		05.99- 10.00	115504	12 1.1	A49
		05.99- 10.00	115483	14 120 A49					
	[AWU]	10.00-	111989	14 90		10.00-	112005	12 1.1	
		10.00-	112002	14 120 A47		10.00-	111900	12 1.8	
		10.00-	112075	14 70		10.00-	115504	12 1.1	A49
		10.00-	115483	14 120 A49					
	[AWV]	06.00- 05.01	111989	14 90		06.00- 05.01	112005	12 1.1	
		06.00-	112002	14 120 A47		06.00-	111909	12 1.1	
		06.00- 05.01	112075	14 70		06.00- 05.01	115504	12 1.1	A49
		06.00- 06.04	115483	14 120 A49					
New Beetle 1.8 Turbo	[BKF]	10.00- 09.10	111989	14 90	AT	10.00- 09.10	111909	12 1.1	
		10.00- 09.10	112002	14 120 A47		10.00- 09.10	115504	12 1.1	A49
		10.00-	115483	14 120 A49					
		11.01- 06.05	111989	14 90	AT	11.01- 06.05	111909	12 1.1	
		11.01- 06.05	112002	14 120 A47		11.01- 06.05	115504	12 1.1	A49
	[AWU]	11.01- 06.05	112075	14 70		11.01- 06.05	114174	12 1.1	
		11.01- 06.05	112079	14 90					
		11.01- 06.05	115483	14 120 A49					
		01.03-	112002	14 120 A47		01.03-	115504	12 1.1	A49
		01.03-	115483	14 120 A49		01.04-	111909	12 1.1	
	[AWV]	01.04-	111989	14 90	AT	01.04-	114174	12 1.1	
		01.04-	112075	14 70					
		01.03- 06.04	111989	14 90	AT, 4 Speed	01.03- 06.04	111909	12 1.1	
		01.03- 06.04	112002	14 120 A47		01.03- 06.04	115504	12 1.1	A49
		01.03- 06.04	115483	14 120 A49					
	[BKF]	07.04-	111989	14 90	AT	07.04-	111909	12 1.1	
		07.04-	112002	14 120 A47		07.04-	115504	12 1.1	A49
		07.04-	115483	14 120 A49					
	[BNU]	07.04-	111989	14 90		07.04-	111909	12 1.1	
		07.04-	112002	14 120 A47		07.04-	115504	12 1.1	A49
		07.04-	112075	14 70					
		07.04-	112079	14 90					
		07.04-	115483	14 120 A49					



VW Continued

New Beetle 1.9 TDi	[ALH]	01.98-	111353	14 70	01.98-	112429	12 2.0
		01.98-	112002	14 120 A47	01.98-	113515	12 0.9
		01.98-	112079	14 90 A47			
		01.98- 06.04	114789	14 90 A49			
		01.98- 06.04	115483	14 120 A49			
	[ATD]	03.98-	113340	14 70			
		02.01-	112002	14 120 A47	02.01-	111900	12 1.8
		02.01-	112079	14 90 A47			
		02.01-	113340	14 70			
		02.01- 09.10	114789	14 90 A49			
	[AXR]	02.01-	115483	14 120 A49			
		06.03-	112002	14 120 A47	06.03-	113515	12 0.9
		06.03-	112079	14 90 A47			
		06.03-	113340	14 70			
	[BEW]	06.03- 06.05	115483	14 120 A49			
		07.03- 09.10	112002	14 120	07.03- 09.10	115504	12 1.1 A49
		07.03- 09.10	112079	14 90 A47			
		07.03- 09.10	113340	14 70			
		07.03- 09.10	114789	14 90 A49			
	[BSW]	07.03-	115483	14 120 A49			
		07.05-	112002	14 120 A47	07.05-	115504	12 1.1 A49
		07.05-	112079	14 90 A47			
		07.05- 09.10	114789	14 90 A49			
New Beetle 2.0	[AEG]	07.05-	115483	14 120 A49			
		01.98- 03.98	111820	14 90	01.98- 03.98	112429	12 2.0
		01.98-	112002	14 120 A47	01.98-	111909	12 1.1
		01.98- 10.01	115483	14 120 A49	AT 03.98-	112286	12 1.7
		03.98-	111989	14 90	03.98-	115504	12 1.1 A49
	[APK]	03.98-	112075	14 70			
		06.00- 06.05	115483	14 120 A49	01.98- 03.98	112429	12 2.0
		01.98- 03.98	111820	14 90	01.98-	115503	12 1.8 A49
		01.98-	112002	14 120 A47	AT 03.98-	111909	12 1.1
		03.98-	111989	14 90	03.98-	114174	12 1.1
	[AQY]	03.98-	112075	14 70			
		01.98-	112002	14 120 A47	01.98-	111909	12 1.1
		11.98-	111989	14 90	11.98-	112435	12 1.1
		11.98-	112075	14 70	11.98-	115504	12 1.1 A49
	[AVH]	11.98- 06.05	115483	14 120 A49			
		09.00-	115483	14 120 A49	01.98- 09.10	111909	12 1.1
		01.98- 09.10	111989	14 90	01.98- 09.10	115504	12 1.1 A49
		01.98- 09.10	112002	14 120	AT 01.98- 09.10	114174	12 1.1
	[AZG]	01.98- 09.10	112075	14 70			
		08.00- 06.05	115483	14 120 A49	01.98- 03.98	112429	12 2.0
		01.98- 03.98	111820	14 90	01.98-	115503	12 1.8 A49
		01.98-	112002	14 120 A47	AT 03.98-	111909	12 1.1
		03.98-	111989	14 90	AT, 6 Speed 03.98-	114174	12 1.1
	[AZJ]	03.98-	112075	14 70			
		09.02-	112002	14 120 A47	09.02-	115504	12 1.1 A49
		01.03-	111989	14 90	AT 01.03-	111909	12 1.1
		01.03-	112075	14 70	AT 01.03-	114174	12 1.1
	[BDC]	01.03-	115483	14 120 A49	01.98- 09.10	114160	12 1.8
		09.02-	112002	14 120 A47	09.02-	115503	12 1.8 A49
		01.03- 06.03	111989	14 90	AT 01.03- 06.03	111909	12 1.1
		01.03- 06.03	112075	14 70	AT 01.03- 06.03	114174	12 1.1
	[BEV]	01.03- 06.03	115483	14 120 A49			
		01.03- 06.05	115483	14 120 A49	6 Speed 01.98- 09.10	114174	12 1.1
		01.98- 09.10	112075	14 70	09.02-	111909	12 1.1
		09.02-	111989	14 90	09.02-	115504	12 1.1 A49
	[BGD]	09.02-	112002	14 120			
		09.02-	112002	14 120			
		01.03-	111989	14 90	09.02-	111749	12 1.1
		01.03-	112075	14 70	01.03-	112005	12 1.1
New Beetle 2.3 V5	[AQN]	01.03- 06.05	115483	14 120 A49	AT, 6 Speed 01.03-	114174	12 1.1
		10.00-	112002	14 120 A47			
		10.00-	112079	14 90 A47	10.00-	111900	12 1.8
		10.00-	113340	14 70			
New Beetle 3.2 RSi	[AXJ]	10.00-	115483	14 120 A49			
		04.00- 05.01	111989	14 90	04.00- 05.01	112005	12 1.1
		04.00- 05.01	112002	14 120 A47	04.00- 05.01	111900	12 1.8
		04.00- 05.01	112075	14 70	04.00- 05.01	115504	12 1.1 A49
Nivus 1.0 TSi Flexfuel	[DHSB]	04.00- 05.01	115483	14 120 A49			
		06.20-	116231	12 110			
Passat 1.3	[EP]	08.83- 07.85	110919	14 65	AT 08.83- 07.85	111059	12 0.9
		08.83- 07.85	111094	14 65	08.83- 07.85	110865	12 0.95
		08.85- 07.87	112149	14 65	AT 08.85- 07.87	111748	12 1.1
					08.83- 07.85	111060	12 1.7
	[EU]	12.79- 07.83	110360	14 45	12.79- 07.83	110865	12 0.95
		08.83- 07.85	110919	14 65	AT 08.83- 07.85	111059	12 0.9
		08.83- 07.85	111094	14 65			
	[FY]	08.79- 07.80	110913	14 70	08.79- 07.80	110865	12 0.95
		12.79- 07.80	110360	14 45			
	[FZ]				12.79- 07.83	110858	12 0.7
		12.79- 07.83	110360	14 45	12.79- 07.83	110865	12 0.95
	[ZA]	08.80- 07.83	110913	14 70			
		05.73- 07.80	110360	14 45	05.73- 07.80	110865	12 0.95
		05.73- 07.80	110913	14 70			
Passat 1.4 TSi MultiFuel	[CKMA]	11.10-	115528	14 140 A49			
		11.10-	116345	14 140			
		11.10-	116586	14 140			
Passat 1.4 TSi EcoFuel	[CDGA]	08.10-	115528	14 140 A49			
		08.10-	116345	14 140			
		08.10-	116586	14 140			
Passat 1.4 TSi	[CAXA]	05.07-	114884	14 140			
		05.07-	115528	14 140 A49			
		05.07-	116345	14 140			
		A25 08.10-	116586	14 140			
	[CTHD]						
		11.12-	115528	14 140 A49			
		11.12-	116345	14 140			
		11.12-	116586	14 140			



Passat 1.4 TSI BlueMotion	[CAXA]	08.10- 12.14	114884	14	140				
		A25 08.10- 12.14	115528	14	140	A49			
		A25 08.10- 12.14	116345	14	140				
		A25 08.10- 12.14	116586	14	140				
Passat 1.5 Diesel	[CK]	08.77- 07.80	113758	14	120		08.77- 07.80	114163	12 1.1
		08.79- 07.80	111653	14	45		AT 08.79- 07.80	111694	12 1.8
Passat 1.5 TSI	[DADA]	08.18-	116193	14	140				
		08.18-	116228	12	180				
		08.18-	116229	12	180				
		08.18-	116298	14	140				
Passat 1.6	[RA]	08.88- 07.89	111154	14	65		08.88- 07.89	111010	12 1.4
		08.88- 07.89	112765	14	90	AT and Start/Stop	08.88- 07.89	115337	12 2.0
Passat 1.6 Diesel	[JK]	08.85- 03.88	111094	14	65		AT 08.85- 03.88	111059	12 0.9
		AC 08.85- 03.88	112729	14	90		08.85- 03.88	115311	12 2.0
Passat 1.6 TD	[CY]	08.85- 03.88	111094	14	65		AT 08.85- 03.88	111059	12 0.9
		AC 08.85- 03.88	112729	14	90		08.85- 03.88	115311	12 2.0
	[RA]	08.88- 07.89	111154	14	65		08.88- 07.89	111010	12 1.4
		08.88- 07.89	112765	14	90	AT and Start/Stop	08.88- 07.89	115337	12 2.0
	[SB]	08.88- 07.89	111154	14	65	A25	08.88- 07.89	115336	12 2.2
		08.88- 11.91	112765	14	90		08.88- 11.91	111010	12 1.4
		08.88- 11.91	112765	14	90		08.88- 11.91	115336	12 2.2
						AT	08.89- 11.91	111060	12 1.7
Passat 1.6 TDi	[CAYC]	08.09-	115713	14	180	A49			
		08.09-	116319	14	180				
		08.10-	115712	14	180				
	[DCXA]	08.14-	115898	14	140				
		08.14-	116359	14	140				
		08.14-	116373	14	140				
		08.14-	116647	14	140				
		08.14-	116717	14	140				
Passat 1.6 TDi BlueMotion	[CAYC]	08.10- 12.14	115712	14	180				
		08.10- 12.14	115713	14	180	A49			
		08.10- 12.14	116319	14	180				
	[1F]	04.88- 07.90	112149	14	65		AT 04.88- 07.90	111748	12 1.1
Passat 1.6	[ABN]	02.88- 12.88	112149	14	65		02.88- 12.88	111749	12 1.1
		02.88- 12.88	112729	14	90	A25	02.88- 12.88	115336	12 2.2
	[ADP]	05.97- 11.00	111478	14	90		05.97- 11.00	111995	12 2.0
		06.97- 11.00	113283	14	120		06.97- 11.00	114163	12 1.1
	[AEK]	09.98- 11.00	112399	14	90		09.98- 11.00	115311	12 2.0
	[AFT]	10.94- 12.95	111352	14	70		10.94- 12.95	111010	12 1.4
		10.94- 12.95	111479	14	90	AT	10.94- 12.95	111909	12 1.1
Passat 1.6	[AHL]	AC 10.94- 12.95	111353	14	70	Chas. -3B-4-200000	10.94- 12.95	112321	12 1.1
		AC 10.94- 12.95	111477	14	90		10.94- 12.95	112131	12 1.4
	[AFT]	12.95- 03.97	111352	14	70		12.95- 03.97	111010	12 1.4
		12.95- 03.97	111479	14	90	AT	12.95- 03.97	111909	12 1.1
	[AHL]	AC 12.95- 03.97	111353	14	70	Chas. -3B-4-200000	12.95- 03.97	112321	12 1.1
		AC 12.95- 03.97	111477	14	90		12.95- 03.97	112131	12 1.4
	[ALZ]	09.98- 11.00	112399	14	90		09.98- 11.00	111995	12 2.0
		09.98- 11.00	113283	14	120		09.98- 11.00	115402	12 1.8
Passat 1.6	[ANA]	10.96- 09.98	111478	14	90		09.98- 11.00	115560	12 1.7
						Chas. 3B-4-200001-	09.98- 11.00	114179	12 1.2
	[ALZ]	11.00-	112399	14	90	A25	11.00-	115402	12 1.8
		11.00-	113283	14	120		11.00-	115311	12 2.0
		11.00- 05.05	113882	14	120		11.00-	114163	12 1.1
							11.00-	114175	12 1.1
							11.00- 05.05	116344	12 1.4
Passat 1.6	[ANA]	06.97- 11.00	111478	14	90		06.97- 11.00	111995	12 2.0
		07.99- 11.00	112399	14	90		07.99- 11.00	115311	12 2.0
	[ARM]	07.99- 11.00	113283	14	120		07.99- 11.00	114163	12 1.1
	[BSE]	09.98- 11.00	112399	14	90	A25	09.98- 11.00	115402	12 1.8
		09.98- 11.00	113283	14	120	Chas. 3B-4-200001-	09.98- 11.00	114179	12 1.2
	[BSE]					AT	01.99- 11.00	115311	12 2.0
							01.99- 11.00	114163	12 1.1
Passat 1.6	[BSE]	05.05-	113992	14	140		05.05-	116338	12 1.7
							08.05-	116344	12 1.4
	[BSF]	05.05-	113992	14	140		05.05-	116338	12 1.7
							08.05-	116344	12 1.4
	[DT]	08.83- 07.85	110919	14	65		08.83- 07.85	110865	12 0.95
		08.83- 08.84	112729	14	90		08.83- 08.84	115311	12 2.0
	[EZ]	08.85- 03.88	112149	14	65		AT 08.85- 03.88	111748	12 1.1
							08.85- 03.88	111749	12 1.1
Passat 1.6	[EZ]	02.88- 07.92	112149	14	65		AT 02.88- 07.92	111748	12 1.1
		02.88- 12.88	112729	14	90		02.88- 12.88	115311	12 2.0
	[FS]						04.88- 09.91	111749	12 1.1
	[JU]	08.75- 07.80	113758	14	120		08.75- 07.80	114171	12 1.7
									A49
	[PP]	08.83- 07.85	110919	14	65		08.83- 07.85	110865	12 0.95
		08.85- 09.86	112149	14	65		08.85- 09.86	111749	12 1.1
Passat 1.6	[RF]	03.87- 03.88	112149	14	65		AT 03.87- 03.88	111748	12 1.1
							03.87- 03.88	111749	12 1.1
	[RL]	03.88- 07.89	112149	14	65		03.88- 07.89	111749	12 1.1
						AT	04.88- 07.89	111748	12 1.1
	[WV]	02.86- 03.88	112149	14	65		AT 02.86- 03.88	111748	12 1.1
							03.86- 03.88	111749	12 1.1
	[WV]	08.81- 07.83	111653	14	45		08.81- 07.83	111694	12 1.8
		09.79- 07.80	111653	14	45	AT	09.79- 07.80	111694	12 1.8
Passat 1.6	[YV]	08.79- 05.81	111653	14	45		08.79- 05.81	111694	12 1.8
		08.79- 02.83	111653	14	45		08.79- 02.83	111694	12 1.8
	[BLF]	03.05-	114769	14	110				
		08.05-	114884	14	140				
Passat 1.6 i	[YS]	06.78- 07.80	111139	14	75		AT 06.78- 07.80	111060	12 1.7
		08.79- 07.80	111653	14	45		AT 08.79- 07.80	111694	12 1.8
Passat 1.8	[ABS]	08.91- 11.92	112149	14	65		08.91- 11.92	111749	12 1.1
		12.91- 09.94	111352	14	70		12.91- 09.94	112443	12 1.8
		12.91- 09.94	111479	14	90		12.91- 09.94	111900	12 1.8
		AC 07.92- 09.94	111353	14	70		07.92- 09.94	112321	12 1.1
		AC 07.92- 09.94	111477	14	90		07.92- 09.94	112131	12 1.4
							12.92- 09.94	112166	12 1.7

VW Continued

	[ADR]	09.98- 01.99	112399	14 90		10.96- 09.98	112005	12 1.1	
		09.98- 01.99	113283	14 120		12.96- 09.98	111995	12 2.0	
		10.96- 09.98	111478	14 90		09.98- 01.99	115561	12 1.7	
	[ADZ]					09.98-	115539	12 2.0	A49
						09.98- 01.99	115508	12 1.7	A49
						09.98-	115504	12 1.1	A49
		10.94- 03.97	111352	14 70		10.94- 03.97	112443	12 1.8	
		AC 10.94- 03.97	111353	14 70		10.94- 03.97	111909	12 1.1	
	[AFY]	10.94- 03.97	111479	14 90		10.94- 05.97	111900	12 1.8	
		AC 10.94- 03.97	111477	14 90		10.94- 03.97	112321	12 1.1	
						10.94- 03.97	112131	12 1.4	
						10.94- 05.97	112166	12 1.7	
	[APT]	09.98-	112399	14 90		09.98-	115402	12 1.8	
		10.96- 11.00	111478	14 90		10.96- 11.00	112005	12 1.1	
		01.99- 11.99	112399	14 90		06.97- 11.00	111995	12 2.0	
	[ARG]					01.99- 11.99	115561	12 1.7	
		01.99- 11.99	113283	14 120	A25 and DKG	01.99-	115539	12 2.0	A49
						01.99- 11.99	115508	12 1.7	A49
						01.99-	115504	12 1.1	A49
	[DS]	10.96- 11.00	111478	14 90		10.96- 11.00	111995	12 2.0	
		02.99- 11.00	112399	14 90	AT	02.99- 11.00	115311	12 2.0	
					A25	02.99- 11.00	115402	12 1.8	
	[DZ]	02.99- 11.00	113283	14 120	Chas. 3B4157001-	02.99- 11.00	114179	12 1.2	
						02.99- 11.00	114163	12 1.1	
	[JN]	01.83- 07.85	110919	14 65		01.83- 07.85	110865	12 0.95	
					AT	08.83- 07.85	111059	12 0.9	
		08.85- 03.88	112149	14 65	AT	08.85- 03.88	111748	12 1.1	
	[PB]					08.85- 03.88	111749	12 1.1	
	[RM]	12.83- 07.85	110919	14 65		12.83- 07.85	110865	12 0.95	
		08.85- 03.88	112149	14 65		08.85- 03.88	111749	12 1.1	
	[RP]	01.83- 07.85	110919	14 65		01.83- 07.85	110865	12 0.95	
		08.85- 03.88	112149	14 65	AT	08.85- 03.88	111748	12 1.1	
						08.85- 03.88	111749	12 1.1	
	[AAM]	04.88- 07.90	112149	14 65		04.88- 07.90	111749	12 1.1	
		05.86- 03.88	112149	14 65	AT	05.86- 03.88	111748	12 1.1	
						05.86- 03.88	111749	12 1.1	
	[AAM]	02.88- 07.91	112149	14 65		02.88- 07.91	111749	12 1.1	
		08.90- 11.91	112149	14 65		08.90- 11.91	111749	12 1.1	
		12.92- 03.97	111352	14 70		12.92- 03.97	112443	12 1.8	
	[AAM]	AC 07.92- 03.97	111353	14 70	AT	12.92- 03.97	111909	12 1.1	
		12.92- 03.97	111479	14 90		12.92- 05.97	111900	12 1.8	
		AC 07.92- 03.97	111477	14 90		07.92- 03.97	112321	12 1.1	
						07.92- 03.97	112131	12 1.4	
Passat 1.8 Syncro	[DS]	01.86- 03.88	112149	14 65		01.86- 03.88	111749	12 1.1	
Passat 1.8 Syncro 4 Motion	[JN]	01.86- 03.88	112149	14 65		01.86- 03.88	111749	12 1.1	
	[ADR]	06.97- 09.98	111478	14 90		06.97- 09.98	111995	12 2.0	
		09.98-	112399	14 90		09.98-	115402	12 1.8	
		09.98-	113283	14 120		09.98-	115561	12 1.7	
						09.98-	115508	12 1.7	A49
	[APT]	01.99-	112399	14 90	A25 and DKG	01.99-	115561	12 1.7	
		01.99-	113283	14 120		01.99-	115402	12 1.8	
	[ARG]					01.99-	115508	12 1.7	A49
		01.99- 11.00	112399	14 90		01.99- 11.00	115561	12 1.7	
		01.99- 11.00	113283	14 120		01.99-	115402	12 1.8	
Passat 1.8 16V	[KR]	07.89- 07.92	112750	14 90	A25	07.89- 07.92	115336	12 2.2	
Passat 1.8 G60 Syncro	[PG]	07.92- 03.97	111352	14 70		07.92- 03.97	112443	12 1.8	
		07.92- 03.97	111479	14 90		07.92- 03.97	111900	12 1.8	
		AC 07.92- 03.97	111353	14 70	Chas. -3B-4-200000	07.92- 03.97	112321	12 1.1	
		AC 07.92- 03.97	111477	14 90		07.92- 03.97	112131	12 1.4	
						07.92- 03.97	112166	12 1.7	
Passat 1.8 TFSi	[CDAA]	08.10- 12.14	114722	14 140					
Passat 1.8 TSi	[BZB]	05.07-	114722	14 140	DKG	05.07-	115612	12 1.2	
	[CDAB]	11.08- 05.10	114722	14 140					
		01.12- 12.14	116716	14 140					
	[CDAA]	05.07-	114722	14 140					
		08.10- 12.14	116716	14 140					
	[CGYA]	11.08- 05.10	114722	14 140					
	[CJSA]	02.15-	116747	14 180					
	[CJSC]	02.15-	116747	14 180					
Passat 1.8 Turbo 20V	[AWL]	11.00- 05.05	113882	14 120		11.00- 05.05	116344	12 1.4	
	[AWT]	11.00-	112399	14 90	A25	11.00-	115402	12 1.8	
		11.00-	113283	14 120		11.00-	114163	12 1.1	
		11.00- 05.05	113882	14 120		11.00-	114175	12 1.1	
						11.00- 05.05	116344	12 1.4	
Passat 1.8 Turbo	[AEB]	09.98- 11.00	112399	14 90		10.96- 09.98	111995	12 2.0	
		09.98- 11.00	113283	14 120		10.96- 11.00	116344	12 1.4	
		10.96- 09.98	111478	14 90		09.98- 11.00	115561	12 1.7	
		10.96- 11.00	113882	14 120	A25 and DKG	09.98-	115539	12 2.0	A49
						09.98- 11.00	115508	12 1.7	A49
	[ANB]	10.96- 11.00	111478	14 90		10.96- 11.00	111995	12 2.0	
		10.96- 11.00	113882	14 120		10.96- 11.00	116344	12 1.4	
		08.98- 11.00	112399	14 90	A25	08.98- 11.00	115402	12 1.8	
		08.98- 11.00	113283	14 120	Chas. 3B-4-200001-	08.98- 11.00	114179	12 1.2	
	[APU]	10.96- 11.00	111478	14 90		10.96- 11.00	111995	12 2.0	
		10.96- 11.00	113882	14 120		10.96- 11.00	116344	12 1.4	
		01.99- 11.00	112399	14 90	A25	01.99- 11.00	115402	12 1.8	
		01.99- 11.00	113283	14 120	Chas. 3B-4-2000001-	01.99- 11.00	114179	12 1.2	
	[AWM]	02.01-	112399	14 90	A25	02.01-	115402	12 1.8	
		02.01-	113283	14 120	Chas. 3B-4-200001-	02.01-	114179	12 1.2	
Passat 1.8	[AAM]	10.93- 12.96	111352	14 70		10.93- 12.96	112321	12 1.1	
		10.93- 12.96	111479	14 90		10.93- 12.96	111694	12 1.8	
		10.93- 12.96	112149	14 65	AT	10.93- 12.96	113509	12 1.7	
		AC 10.93- 12.96	111353	14 70		10.93- 12.96	112309	12 1.4	
		AC 10.93- 12.96	111820	14 90					



Passat 1.9 Diesel	[1Y]		05.89- 11.91	111154	14 65	Chas. -3B-4-200000	11.91- 09.93	112321	12 1.1		
			11.91- 09.93	111352	14 70		05.89- 11.91	111010	12 1.4		
		AC	11.91- 09.93	111353	14 70		AT	11.91- 09.93	112286		12 1.7
			05.89- 11.91	112765	14 90		AT and Start/Stop	05.89- 11.91	115337		12 2.0
			11.91- 09.93	111479	14 90			11.91- 09.93	111995		12 2.0
	AC	11.91- 09.93	111477	14 90		05.89- 11.91	115336	12 2.2			
Passat 1.9 TD	[AAZ]		03.91- 03.97	111352	14 70	AT	03.91- 03.97	111909	12 1.1		
		AC	03.91- 03.97	111353	14 70		10.93- 12.96	112321	12 1.1		
			03.91- 03.97	111479	14 90		10.93- 12.96	112005	12 1.1		
		AC	03.91- 03.97	111477	14 90		03.91- 03.97	111010	12 1.4		
		AC	10.93- 12.96	111820	14 90	AT	03.91- 03.97	112286	12 1.7		
						10.93- 12.96	111694	12 1.8			
						03.91- 03.97	111995	12 2.0			
Passat 1.9 TDi	[1Z]		10.93- 07.96	111353	14 70	Chas. -3B-4-200000	10.93- 07.96	112321	12 1.1		
			10.93- 07.96	111477	14 90		AT	10.93- 07.96	112286		12 1.7
			10.93- 07.96	111988	14 120		AT	10.93- 07.96	111748		12 1.1
		[AFN]	03.96- 03.97	111353	14 70			03.96- 03.97	112321		12 1.1
			03.96- 03.97	111477	14 90			03.96- 03.97	112131		12 1.4
03.96- 03.97	111828		14 120	AT	03.96- 03.97	111694	12 1.8				
10.96- 11.00	113770		14 120		10.96- 11.00	114171	12 1.7				
09.98- 11.00	112396		14 90		09.98- 11.00	113773	12 1.1				
			14 90		09.98- 11.00	113509	12 1.7				
		09.98- 11.00	112397	14 120		09.98- 11.00	113841	12 1.7			
	[AHH]		09.98- 11.00	112396	14 90		09.98- 11.00	113773	12 1.1		
					14 90	AT	09.98- 11.00	113509	12 1.7		
		09.98- 11.00	112397	14 120		09.98- 11.00	113841	12 1.7			
	[AHU]		08.96- 03.97	111353	14 70	Chas. -3B-4-200000	08.96- 03.97	112321	12 1.1		
			08.96- 03.97	111477	14 90		AT	08.96- 03.97	112286		12 1.7
			08.96- 03.97	111988	14 120		AT	08.96- 03.97	111748		12 1.1
			10.96- 11.00	113770	14 120			10.96- 11.00	114171		12 1.7
			09.98- 11.00	112396	14 90			09.98- 11.00	113509		12 1.7
			09.98- 11.00	112397	14 120		09.98- 11.00	113841	12 1.7		
							09.98- 11.00	113773	12 1.1		
	[AJM]		08.98- 11.00	112396	14 90		08.98- 11.00	113773	12 1.1		
			08.98- 11.00	113770	14 120		08.98- 11.00	116344	12 1.4		
			09.98- 11.00	112397	14 120		09.98- 11.00	113841	12 1.7		
	[ATJ]		08.98- 11.00	112396	14 90		08.98- 11.00	113773	12 1.1		
			08.98- 11.00	112397	14 120		08.98- 11.00	113842	12 1.7		
	[AVB]		10.00- 11.00	112396	14 90		10.00- 11.00	113773	12 1.1		
			10.00- 11.00	112397	14 120		10.00- 11.00	113841	12 1.7		
			10.00- 11.00	113252	14 140		10.00- 11.00	115503	12 1.8	A49	
	[AVF]		11.00- 11.00	112396	14 90		11.00- 11.00	113773	12 1.1		
			11.00- 11.00	112397	14 120		11.00- 11.00	113841	12 1.7		
			11.00- 11.00	113252	14 140		11.00- 11.00	115503	12 1.8	A49	
			11.00- 05.05	115763	14 150						
	[AVG]		10.96- 11.00	112396	14 90	AT	10.96- 11.00	113773	12 1.1		
			10.96- 11.00	112397	14 120		10.96- 11.00	113842	12 1.7		
							08.99- 11.00	113841	12 1.7		
	[AWX]		11.00- 11.00	112396	14 90		11.00- 11.00	115503	12 1.8	A49	
			11.00- 11.00	112397	14 120	AT	11.00- 11.00	113773	12 1.1		
			11.00- 11.00	113252	14 140		03.05- 11.00	116344	12 1.4		
			11.00- 05.05	115763	14 150		03.05- 11.00	115638	12 1.7		
	[BKC]		03.05- 11.00	113992	14 140		11.00- 11.00	113841	12 1.7		
			03.05- 11.00	114109	14 180						
	[BLS]		03.05- 11.00	113992	14 140		03.05- 11.00	115900	12 1.1		
			03.05- 11.00	114109	14 180		03.05- 11.00	115612	12 1.2		
							08.05- 11.00	116344	12 1.4		
							08.05- 11.00	115638	12 1.7		
	[BXE]		03.05- 11.00	113992	14 140		03.05- 11.00	115900	12 1.1		
			03.05- 11.00	114109	14 180		03.05- 11.00	115612	12 1.2		
Passat 1.9 TDi 4 Motion	[AVF]		11.00- 11.00	112397	14 120		11.00- 11.00	113842	12 1.7		
			11.00- 11.00	113252	14 140		11.00- 11.00	115503	12 1.8	A49	
			11.00- 05.05	115763	14 150		11.00- 11.00	115504	12 1.1	A49	
Passat 1.9 TDi Syncro 4 Motion	[AFN]		09.98- 11.00	112396	14 90		10.96- 11.00	114171	12 1.7	A49	
			09.98- 11.00	112397	14 120		06.97- 11.00	116344	12 1.4		
			10.96- 11.00	113770	14 120		09.98- 11.00	113773	12 1.1		
							09.98- 11.00	113841	12 1.7		
	[ATJ]		01.00- 11.00	112396	14 90		01.00- 11.00	113773	12 1.1		
			01.00- 11.00	112397	14 120		01.00- 11.00	113841	12 1.7		
	[AVG]		09.98- 11.00	112396	14 90		09.98- 11.00	113773	12 1.1		
			09.98- 11.00	112397	14 120		09.98- 11.00	113841	12 1.7		
Passat 1.9	[WN]		01.81- 07.81	110911	14 55		01.81- 07.81	110865	12 0.95		
			01.81- 07.81	111139	14 75	AT	01.81- 07.81	111060	12 1.7		
			01.81- 07.83	111653	14 45	AT	01.81- 07.83	111694	12 1.8		
Passat 2.0 TDi 16V	[BKP]		03.05- 11.00	113992	14 140		03.05- 11.00	116344	12 1.4		
			03.05- 07.10	115713	14 180						
			03.05- 07.10	116038	14 180						
			03.05- 07.10	116319	14 180						
	[CBAB]		01.08- 11.00	113992	14 140	A25 01.08- 05.08	115818	12 1.1			
			01.08- 11.00	115370	14 110	DKG 05.08- 11.00	115944	12 1.7			
			01.08- 11.10	115713	14 180						
			01.08- 11.00	116038	14 180						
			01.08- 11.10	116319	14 180						
Passat 2.0 TDi 16V 4 Motion	[BKP]		03.05- 11.00	113992	14 140		03.05- 11.00	116156	12 2.0		
			03.05- 08.10	115713	14 180		08.05- 11.00	116097	12 2.0		
			03.05- 08.10	116038	14 180						
			03.05- 08.10	116319	14 180						
	[CBAB]		05.08- 11.00	113992	14 140	A25 05.08- 11.00	115818	12 1.1			
			05.08- 11.00	115370	14 110						
			05.08- 08.10	115713	14 180						
			05.08- 11.00	116038	14 180						
			05.08- 08.10	116319	14 180						
Passat 2.0 TDi	[BGH]		12.03- 12.03	112396	14 90		12.03- 12.03	113773	12 1.1		
			12.03- 12.03	112397	14 120		12.03- 12.03	113842	12 1.7		
			12.03- 12.03	113252	14 140		12.03- 12.03	115539	12 2.0	A49	
							12.03- 12.03	115504	12 1.1	A49	
	[BGW]		12.03- 12.03	112396	14 90		12.03- 12.03	113773	12 1.1		
			12.03- 12.03	112397	14 120		12.03- 12.03	113842	12 1.7		
			12.03- 12.03	113252	14 140		12.03- 12.03	115504	12 1.1	A49	

	[BMA]	03.05-	113992	14 140		03.05-	115900	12 1.1
		03.05-	114109	14 180		03.05-	116344	12 1.4
		03.05-	115713	14 180 A49		03.05-	115612	12 1.2
		03.05-	116038	14 180				
		03.05-	116319	14 180				
	[BMP]	03.05-	113992	14 140		03.05-	116097	12 2.0
		03.05-	114109	14 180	Tiptronic	03.05-	115611	12 1.1
		08.05-	115370	14 110				
	[BMR]	08.05-	113992	14 140		08.05-	116156	12 2.0
		08.05-	114109	14 180		08.05-	116344	12 1.4
		08.05- 07.10	115713	14 180 A49		08.05-	115610	12 2.0
		08.05- 07.10	116319	14 180		08.05-	115638	12 1.7
	[BVD]	08.05-	113992	14 140		08.05-	116344	12 1.4
		08.05-	114109	14 180		08.05-	115638	12 1.7
	[BVE]	08.05-	113992	14 140		08.05-	116338	12 1.7
		08.05-	114109	14 180		08.05-	115638	12 1.7
	[BWV]	11.05-	113992	14 140		11.05-	115638	12 1.7
		11.05-	114109	14 180		11.05-	115612	12 1.2
	[CBAB]	06.08-	113992	14 140		06.08-	115900	12 1.1
		06.08- 01.12	115713	14 180 A49				
		06.08-	116038	14 180				
		06.08- 01.12	116319	14 180				
	[CBBB]	08.05-	113992	14 140	A25	08.05-	115818	12 1.1
		08.05-	114109	14 180		08.05-	115638	12 1.7
		08.05-	115370	14 110		08.05-	115612	12 1.2
		08.05- 07.10	115713	14 180 A49				
		08.05- 07.10	116319	14 180				
	[CBDC]	11.08-	113992	14 140		11.08-	115696	12 1.1
		11.08-	115713	14 180 A49				
		11.08-	116319	14 180				
	[CBAA]	03.05-	113992	14 140		03.05-	115638	12 1.7
		03.05-	114109	14 180		03.05-	115612	12 1.2
		03.05-	115713	14 180 A49	For vehicles with DKG	01.08-	115900	12 1.1
		03.05-	116319	14 180				
		01.08-	116038	14 180				
	[CFFA]	08.10-	113992	14 140		08.10-	115638	12 1.7
		08.10-	115713	14 180 A49				
		08.10-	116319	14 180				
	[CFFB]	06.08-	113992	14 140		06.08-	115638	12 1.7
		06.08- 01.12	115713	14 180 A49				
		06.08-	116038	14 180				
		06.08- 01.12	116319	14 180				
	[CFGB]	08.10-	113992	14 140		08.10-	115638	12 1.7
		08.10-	115713	14 180 A49				
		08.10-	116038	14 180				
		08.10-	116319	14 180				
	[CFGC]	12.12-	113992	14 140		12.12-	115638	12 1.7
		08.10-	113992	14 140		08.10-	115638	12 1.7
	[CLLA]	08.10-	115713	14 180 A49				
		08.10-	116038	14 180				
		08.10-	116319	14 180				
		08.10-	116319	14 180				
	[CRLB]	11.14-	115898	14 140				
		11.14-	116359	14 140				
		11.14-	116373	14 140				
		11.14-	116647	14 140				
		11.14-	116717	14 140				
	[CUPA]	07.15-	115898	14 140				
		07.15-	116359	14 140				
		07.15-	116717	14 140				
	[DDAA]	11.14-	115898	14 140				
		11.14-	116359	14 140				
		11.14-	116647	14 140				
		11.14-	116717	14 140				
	[DFCA]	11.14-	115898	14 140				
		11.14-	116359	14 140				
		11.14-	116647	14 140				
		11.14-	116717	14 140				
Passat 2.0 TDi 4 Motion	[BMP]	03.05-	113992	14 140		03.05-	116097	12 2.0
		03.05-	114109	14 180	AT	03.05-	115611	12 1.1
	[CBAB]	08.09-	113992	14 140		08.09-	115638	12 1.7
		08.09- 01.12	115713	14 180 A49				
		08.09-	116038	14 180				
		08.09- 01.12	116319	14 180				
	[CBBB]	05.09-	113992	14 140		05.09-	115638	12 1.7
		05.09- 07.10	114109	14 180		05.09- 07.10	115612	12 1.2
		05.09-	115370	14 110				
		05.09- 07.10	115713	14 180 A49				
Passat 2.0 TDi 4motion	[CFFB]	08.09-	113992	14 140		08.09-	115638	12 1.7
		08.09- 01.12	115713	14 180 A49				
		08.09- 01.12	116319	14 180				
	[CFGB]	11.09- 01.12	113992	14 140		11.09- 01.12	115638	12 1.7
		11.09- 01.12	115713	14 180 A49				
		11.09- 01.12	116319	14 180				
	[CFGB]	08.10-	113992	14 140		08.10-	115638	12 1.7
		08.10-	115713	14 180 A49				
		08.10-	116038	14 180				
		08.10-	116319	14 180				
	[CFGC]	01.13-	113992	14 140		01.13-	115638	12 1.7



	[CRLB]	08.14- 11.17	116717	14 140			
		02.15-	115898	14 140			
		02.15-	116359	14 140			
		02.15-	116647	14 140			
	[CUAA]	08.14-	116717	14 140			
		11.14-	115898	14 140			
	[DDAA]	11.14-	115898	14 140			
		11.14-	116647	14 140			
		11.14-	116717	14 140			
	[DDAA, DFCA]	11.14-	116717	14 140			
		11.14-	116647	14 140			
	[DFCA]	11.14-	116717	14 140			
		11.14-	116647	14 140			
	[DFEA]	08.14- 11.17	116717	14 140			
		02.15-	115898	14 140			
		02.15-	116359	14 140			
		02.15-	116647	14 140			
Passat 2.0 TDi Alltrack 4motion	[CFGC]	01.13-	113992	14 140	01.13-	115638	12 1.7
		01.13- 12.14	116038	14 180			
		A25 01.13- 12.14	115712	14 180			
		A25 01.13- 12.14	115713	14 180 A49			
		A25 01.13- 12.14	116319	14 180			
Passat 2.0 TDi Blue	[CBAC]	05.09-	113992	14 140	05.09-	115638	12 1.7
		05.09-	115713	14 180 A49			
		05.09-	116038	14 180			
		05.09-	116319	14 180			
Passat 2.0 TDi BlueMotion	[CFFB]	08.10- 12.14	113992	14 140	08.10- 12.14	115638	12 1.7
		08.10- 12.14	114109	14 180	08.10- 12.14	115612	12 1.2
		08.10- 12.14	116038	14 180			
		A25 08.10- 12.14	115712	14 180			
		A25 08.10- 12.14	115713	14 180 A49			
		A25 08.10- 12.14	116319	14 180			
	[CLLA, CFGB]	08.10- 12.14	113992	14 140	08.10- 12.14	115638	12 1.7
		08.10- 12.14	114109	14 180	08.10- 12.14	115612	12 1.2
		08.10- 12.14	116038	14 180			
		A25 08.10- 12.14	115712	14 180			
		A25 08.10- 12.14	115713	14 180 A49			
Passat 2.0 TDi BlueTDi	[CBAC]	01.09-	113992	14 140	01.09-	115696	12 1.1
		01.09-	115370	14 110			
		01.09- 11.10	115713	14 180 A49			
		01.09-	116038	14 180			
		01.09- 11.10	116319	14 180			
Passat 2.0 TDi CC	[CBBB]	06.08-	113992	14 140	06.08-	115900	12 1.1
		06.08- 01.12	115713	14 180 A49			
		06.08-	116038	14 180			
		06.08- 01.12	116319	14 180			
	[CBAA]	06.08-	113992	14 140	DKG 06.08-	115944	12 1.7
		06.08-	115713	14 180 A49			
		06.08-	116038	14 180			
		06.08-	116319	14 180			
	[CFFA]	06.08-	113992	14 140	06.08-	115638	12 1.7
		06.08-	115713	14 180 A49			
		06.08-	116038	14 180			
		06.08-	116319	14 180			
	[CFGB]	06.08-	113992	14 140	06.08-	115638	12 1.7
		06.08- 01.12	115713	14 180 A49			
		06.08-	116038	14 180			
		06.08- 01.12	116319	14 180			
	[CLLA]	06.08-	113992	14 140	06.08-	115638	12 1.7
		06.08- 01.12	115713	14 180 A49			
		06.08-	116038	14 180			
		06.08- 01.12	116319	14 180			
Passat 2.0 TDi Variant 4motion	[CFGC]	01.13-	113992	14 140	01.13-	115638	12 1.7
		01.13- 12.14	116038	14 180			
		A25 01.13- 12.14	115712	14 180			
		A25 01.13- 12.14	115713	14 180 A49			
		A25 01.13- 12.14	116319	14 180			
Passat 2.0	[2E]	03.90- 07.92	112149	14 65	03.90- 07.92	111749	12 1.1
		07.92- 09.94	111352	14 70	07.92- 09.94	112443	12 1.8
		AC 07.92- 09.94	111353	14 70	AT 07.92- 09.94	111909	12 1.1
		07.92- 09.94	111479	14 90	07.92- 09.94	111900	12 1.8
		AC 07.92- 09.94	111477	14 90	07.92- 09.94	112321	12 1.1
					07.92- 09.94	112131	12 1.4
	[ADY]	10.94- 07.95	111352	14 70	10.94- 07.95	112443	12 1.8
		AC 10.94- 07.95	111353	14 70	AT 10.94- 07.95	111909	12 1.1
		10.94- 07.95	111479	14 90	10.94- 07.95	111900	12 1.8
		AC 10.94- 07.95	111477	14 90	10.94- 07.95	112321	12 1.1
					10.94- 07.95	112131	12 1.4
	[AGG]	07.95- 03.97	111352	14 70	07.95- 03.97	112443	12 1.8
		AC 07.95- 03.97	111353	14 70	AT 07.95- 03.97	111909	12 1.1
		07.95- 03.97	111479	14 90	07.95- 03.97	111900	12 1.8
		AC 07.95- 03.97	111477	14 90	Chas. -3B-4-200000 07.95- 03.97	112321	12 1.1
					07.95- 03.97	112131	12 1.4
	[ALT]	11.01-	112399	14 90	A25 11.01-	115402	12 1.8
	[AZM]	11.00-	112399	14 90	A25 11.00-	115402	12 1.8
		11.00-	113283	14 120	Chas. 3B-4-200001- 11.00-	114179	12 1.2
		11.00- 05.05	113882	14 120	11.00-	114175	12 1.1
					11.00- 05.05	116344	12 1.4
	[BFF]	11.00- 05.05	113882	14 120	11.00- 05.05	116344	12 1.4
	[HP]	08.83- 03.88	110919	14 65	AT 08.83- 03.88	111059	12 0.9
		08.83- 07.87	112729	14 90	08.83- 07.87	115311	12 2.0
	[JS]	08.83- 03.88	110919	14 65	08.83- 03.88	110865	12 0.95
Passat 2.0 4 Motion	[AZM]	11.00-	112399	14 90	11.00-	115402	12 1.8
		11.00-	113283	14 120	Chas. 3B-4-200001- 11.00-	114179	12 1.2



VW Continued

Passat 2.0 Syncro	[2E]	10.90- 07.92	112149	14	65	10.90- 07.92	111749	12	1.1	
		07.92- 09.94	111352	14	70	07.92- 09.94	112321	12	1.1	
		AC 07.92- 09.94	111353	14	70	07.92- 09.94	112005	12	1.1	
		07.92- 09.94	111479	14	90	AT 10.90- 07.92	113509	12	1.7	
		AC 07.92- 09.94	111477	14	90	07.92- 09.94	112443	12	1.8	
					07.92- 09.94	111694	12	1.8		
					07.92- 09.94	111900	12	1.8		
	[ADY]	10.94- 12.95	111352	14	70	10.94- 12.95	112321	12	1.1	
		AC 10.94- 12.95	111353	14	70	10.94- 12.95	111694	12	1.8	
		10.94- 12.95	111479	14	90	10.94- 12.95	112309	12	1.4	
	AC 10.94- 12.95	111477	14	90	10.94- 12.95	112005	12	1.1		
[AGG]	07.95- 12.96	111352	14	70	07.95- 12.96	112321	12	1.1		
	AC 07.95- 12.96	111353	14	70	07.95- 12.96	111694	12	1.8		
	07.95- 12.96	111479	14	90	07.95- 12.96	112309	12	1.4		
	AC 07.95- 12.96	111477	14	90	07.95- 12.96	112005	12	1.1		
Passat 2.0 16V	[ABF]	01.94- 03.97	111353	14	70	Chas. -3B-4-200000	01.94- 03.97	112321	12	1.1
		01.94- 03.97	111477	14	90		01.94- 03.97	112131	12	1.4
Passat 2.0 FSi	[BLR]	03.05- 11.05	113992	14	140	03.05- 11.05	116344	12	1.4	
		03.05- 11.05	114109	14	180	03.05- 11.05	115638	12	1.7	
						08.05- 11.05	116097	12	2.0	
					DKG 08.05- 11.05	115611	12	1.1		
	[BLY]	03.05- 11.05	113992	14	140	03.05- 11.05	116344	12	1.4	
		03.05- 11.05	114109	14	180	03.05- 11.05	115638	12	1.7	
	[BVY]	11.05- 11.05	113992	14	140	11.05-	115900	12	1.1	
		11.05-	114109	14	180	11.05-	115612	12	1.2	
	[BVZ]	11.05-	113992	14	140	11.05-	115900	12	1.1	
		11.05-	114109	14	180	DKG 11.05-	115612	12	1.2	
Passat 2.0 FSi 4 Motion	[BLX]	09.05-	113992	14	140	DKG 09.05-	116272	12	1.1	
						09.05-	116097	12	2.0	
		09.05-	114109	14	180	Tiptronic 09.05-	115611	12	1.1	
	[BLY]	09.05-	113992	14	140	DKG 09.05-	116272	12	1.1	
						A25 and DKG 09.05-	116156	12	2.0	
		09.05-	114109	14	180	DKG 09.05-	115611	12	1.1	
	[BVX]	09.05-	113992	14	140	A25 and DKG 09.05-	116156	12	2.0	
						09.05-	116097	12	2.0	
		09.05-	114109	14	180	AT 09.05-	115611	12	1.1	
Passat 2.0 TFSi	[AXX]	07.05-	113992	14	140	07.05-	116338	12	1.7	
		07.05-	114109	14	180	DKG 07.05-	115638	12	1.7	
						08.05-	116097	12	2.0	
					08.05-	115612	12	1.2		
	[BPY]	07.05-	113992	14	140	07.05-	116338	12	1.7	
		07.05-	114109	14	180	07.05-	115610	12	2.0	
						08.05-	115900	12	1.1	
					08.05-	115612	12	1.2		
[BWA]	07.05-	113992	14	140	07.05-	116338	12	1.7		
	07.05-	114109	14	180	DKG 07.05-	115638	12	1.7		
				DKG 08.05-	115610	12	2.0			
Passat 2.0 TSi	[CCZB]	11.10- 12.14	116716	14	140					
	[CHHB]	08.14-	116747	14	180					
	[CZPB,DKZA]	11.18-	116387	14	140					
		11.18-	116747	14	180					
	[DKZA,CZPB]	11.18-	116387	14	140					
		11.18-	116747	14	180					
Passat 2.0 TSi 4motion	[CCZB]	01.12- 12.14	116716	14	140					
	[CJXA]	05.15-	116387	14	140					
		05.15-	116747	14	180					
	[DNUA]	09.18-	116387	14	140					
		09.18-	116747	14	180					
Passat 2.0 TSi CC	[CAWB]	06.08- 11.09	114722	14	140					
	[CCTA]	06.08- 01.12	114722	14	140					
	[CCZA]	11.09- 01.12	114722	14	140					
Passat 2.0	[2E]	08.91- 12.95	111352	14	70	08.91- 12.95	112321	12	1.1	
		08.91- 12.95	111479	14	90	08.91- 12.95	111694	12	1.8	
		08.91- 12.95	112149	14	65	08.91- 12.95	113509	12	1.7	
		AC 08.91- 12.95	111353	14	70	AT 08.91- 12.95	112286	12	1.7	
		AC 08.91- 12.95	111820	14	90	AT 08.91- 12.95	111748	12	1.1	
Passat 2.0 Syncro	[2E]	09.89- 10.93	111352	14	70	09.89- 10.93	112321	12	1.1	
		09.89- 10.93	111479	14	90	09.89- 10.93	111694	12	1.8	
		09.89- 10.93	112149	14	65	AT 09.89- 10.93	113509	12	1.7	
		AC 09.89- 10.93	111353	14	70	AT 09.89- 10.93	112286	12	1.7	
		AC 09.89- 10.93	111477	14	90	09.89- 10.93	112005	12	1.1	
	AC 09.89- 10.93	111820	14	90	AT 09.89- 10.93	111748	12	1.1		
Passat 2.1	[WE]	08.81- 07.83	111653	14	45	08.81- 07.83	111694	12	1.8	
Passat 2.2 Syncro	[HY]	08.84- 07.88	110919	14	65	AT 08.84- 07.88	111059	12	0.9	
Passat 2.3 V5	[AZX]	11.00-	112399	14	90	Change pulley	11.00-	115402	12	1.8
		11.00-	113283	14	120	Change pulley	11.00-	114175	12	1.1
		11.00- 05.05	116017	14	90					
Passat 2.3 V5 4 Motion	[AZX]	11.00-	112399	14	90	Change pulley	A25 11.00-	115402	12	1.8
						Chas. 3B-4-200001-	11.00-	114179	12	1.2
		11.00-	113283	14	120	Change pulley				
		11.00- 05.05	116017	14	90					
Passat 2.3 VR5	[AGZ]	09.98- 11.00	112399	14	90	Change pulley	AT 09.98- 11.00	115504	12	1.1
						AT 09.98- 11.00	115508	12	1.7	
		09.98- 11.00	112383	14	120	Change pulley	09.98- 11.00	115561	12	1.7
		10.96- 11.00	111478	14	90	10.96- 11.00	111995	12	2.0	
		10.96- 11.00	116017	14	90					
[AZX]	11.00-	112399	14	90	Change pulley	11.00-	115311	12	2.0	
	11.00-	113283	14	120	Change pulley	11.00-	114163	12	1.1	
	11.00- 05.05	116017	14	90						
Passat 2.3 VR5 4 Motion	[AZX]	11.00-	112399	14	90	Change pulley	A25 11.00-	115402	12	1.8
						Chas. 3B-4-200001-	11.00-	114179	12	1.2
		11.00-	113283	14	120	Change pulley				
		11.00- 05.05	116017	14	90					
Passat 2.3 VR5 Syncro 4 Motion	[AGZ]	10.97- 11.00	116017	14	90	09.98- 11.00	115402	12	1.8	
		09.98- 11.00	112399	14	90	Change pulley	09.98- 11.00	114175	12	1.1
		09.98- 11.00	113283	14	120	Change pulley				
Passat 2.5 TDi	[BDG]	05.03-	113510	14	140	05.03-	114163	12	1.1	
Passat 2.5 TDi 4 Motion	[AFB]	11.00-	112399	14	90	11.00-	115311	12	2.0	
		11.00- 05.05	113751	14	120	11.00- 05.05	114163	12	1.1	



	[AKN]	11.00- 05.05	112399	14 90		11.00- 05.05	115402	12 1.8	
		11.00- 05.05	113751	14 120		11.00- 05.05	114163	12 1.1	
	[BAU]	01.03-	113510	14 140		01.03-	114163	12 1.1	
	[BDH]	01.03-	113510	14 140		01.03-	114163	12 1.1	
Passat 2.5 TDi Syncro 4 Motion	[AFB]	12.98- 11.00	113758	14 120		12.98- 11.00	114171	12 1.7	A49
Passat 2.8	[APR]	06.97- 11.00	112806	14 120		06.97- 11.00	115337	12 2.0	
		06.97- 11.00	113751	14 120		06.97- 11.00	114163	12 1.1	
	[ACK]	01.97- 09.98	112806	14 120		01.97- 09.98	115337	12 2.0	
		06.97- 11.00	113751	14 120		06.97- 11.00	114163	12 1.1	
	[AGE]	05.97- 09.98	112806	14 120	A25 and DKG	05.97- 09.98	115337	12 2.0	
	[AHA]	06.97- 11.00	112806	14 120	A25	06.97- 11.00	115337	12 2.0	
		06.97- 11.00	113751	14 120		06.97- 11.00	114163	12 1.1	
		01.99- 11.00	112399	14 90		01.99- 11.00	115311	12 2.0	
	[ATX]	10.99- 11.00	112399	14 90		10.99- 11.00	115311	12 2.0	
	[BBG]	10.00- 05.05	112399	14 90		10.00- 05.05	115311	12 2.0	
		10.00- 05.05	113510	14 140		10.00- 05.05	114163	12 1.1	
		10.00- 05.05	113751	14 120					
Passat 2.8 4 Motion	[ATX]	10.99- 11.00	112399	14 90		10.99- 11.00	115402	12 1.8	
Passat 2.8 4motion	[BBG]	10.00- 05.05	112399	14 90		10.00- 05.05	115311	12 2.0	
		10.00- 05.05	113510	14 140		10.00- 05.05	114163	12 1.1	
		10.00- 05.05	113751	14 120					
Passat 2.8 Syncro 4 Motion	[APR]	10.96- 11.00	112399	14 90	A25	10.96- 11.00	115560	12 1.7	
		10.96- 11.00	112806	14 120	A25	10.96- 11.00	115337	12 2.0	
		10.96- 11.00	113751	14 120		10.96- 11.00	114163	12 1.1	
	[ACK]	10.96- 04.97	112399	14 90		10.96- 04.97	115560	12 1.7	
		10.96- 11.00	113510	14 140		10.96- 11.00	114163	12 1.1	
		10.96- 11.00	113751	14 120					
		05.97- 09.98	112806	14 120	A25	05.97- 09.98	115337	12 2.0	
	[AHA]	10.96- 04.97	112399	14 90		10.96- 04.97	115311	12 2.0	
		10.96- 11.00	113510	14 140		10.96- 11.00	114163	12 1.1	
		10.96- 11.00	113751	14 120					
		05.97- 09.98	112806	14 120		05.97- 09.98	115503	12 1.8	A49
	[ALG]	09.98- 11.00	112399	14 90	A25 and DKG	10.96- 04.97	115337	12 2.0	
		10.96- 04.97	112806	14 120		10.96- 11.00	114163	12 1.1	
		10.96- 11.00	113510	14 140					
		10.96- 11.00	113751	14 120		05.97- 09.98	115503	12 1.8	A49
						09.98- 11.00	115311	12 2.0	
	[AQD]	10.96- 04.97	112399	14 90		10.96- 04.97	115311	12 2.0	
		10.96- 11.00	112806	14 120	A25	10.96- 11.00	115337	12 2.0	
		10.96- 11.00	113510	14 140		10.96- 11.00	114163	12 1.1	
		10.96- 11.00	113751	14 120					
Passat 2.8 VR6	[AAA]	06.91- 07.92	111353	14 70	Chas. -3B-4-200000	06.91- 07.92	112321	12 1.1	
Passat 2.9 VR6 Syncro	[ABV]	11.94- 03.97	111828	14 120	AT	11.94- 03.97	111694	12 1.8	
Passat 3.2 FSi 4 Motion	[AXZ]	11.05-	113992	14 140		11.05-	115900	12 1.1	
		11.05-	114109	14 180		11.05-	116338	12 1.7	
		11.05- 07.10	116717	14 140		11.05-	115610	12 2.0	
						11.05-	115612	12 1.2	
Passat 3.6 4 Motion	[BWS]	02.08- 12.11	116717	14 140		06.08-	115612	12 1.2	
		06.08-	114697	14 180					
		06.08-	116438	14 180					
Passat 3.6 R36 4motion	[BWS]	04.07-	114697	14 180		04.07-	115612	12 1.2	
		04.07-	115730	14 140					
		04.07- 07.10	116717	14 140					
Passat 3.6 FSi 4motion	[BWS]	01.11- 12.14	116438	14 180					
		01.11- 12.14	116717	14 140					
Passat Alltrack 1.4 TSi 4motion	[CZEA]	05.15-	116193	14 140 VA		05.15-	115561	12 1.7	
		05.15-	116228	12 180					
		05.15-	116298	14 140 BO		05.15-	116097	12 2.0	
Passat Alltrack 2.0 TDi 4 Motion	[CUPA]	07.15-	116359	14 140		07.15-	115638	12 1.7	
		07.15-	116717	14 140					
Passat Alltrack 2.0 TDi 4motion	[CRLB]	05.15-	115898	14 140		05.15-	115561	12 1.7	
		05.15-	116359	14 140		05.15-	115900	12 1.1	
		05.15-	116647	14 140					
		05.15- 11.17	116717	14 140					
	[CUAA]	05.15-	116359	14 140		05.15-	116097	12 2.0	
		05.15-	116717	14 140					
	[DDAA]	05.15-	116359	14 140		05.15-	116097	12 2.0	
		05.15-	116647	14 140					
		05.15-	116717	14 140					
	[DFCA]	05.15-	116359	14 140		05.15-	115900	12 1.1	
		05.15-	116647	14 140					
		05.15-	116717	14 140					
	[DFEA]	05.15-	115898	14 140		05.15-	115560	12 1.7	
		05.15-	116359	14 140		05.15-	116097	12 2.0	
		05.15-	116647	14 140					
		05.15- 11.17	116717	14 140					
Passat Alltrack 2.0 TSi 4motion	[CHHB]	07.15-	116747	14 180					
	[DNUA]	08.18-	116387	14 140					
		08.18-	116747	14 180					
Passat Alltrack 2.0 TSi 4motion	[CJXA]	11.18-	116387	14 140					
		11.18-	116747	14 180					
Passat Alltrack B8 Estate 2.0 TDi 4motion	[DTUA]	08.20-	116384	14 180		08.20-	115539	12 2.0	A49
						08.20-	116156	12 2.0	
Passat B8 2.0 TDi	[DTRA]	07.20-	116384	14 180		07.20-	116156	12 2.0	
	[DTUA]	09.20-	116384	14 180		09.20-	116156	12 2.0	
Passat B8 2.0 TDi 4Motion	[DTUA]	08.20-	116384	14 180		08.20-	115610	12 2.0	
Passat B8 Estate 2.0 TDi	[DFGB]	01.16- 07.18	115898	14 140		01.16- 07.18	115539	12 2.0	A49
		01.16- 07.18	116195	14 180	Manual gearbox	01.16- 07.18	115402	12 1.8	
		01.16- 07.18	116359	14 140	DKG	01.16- 07.18	116156	12 2.0	
					For vehicles with DKG	01.16- 07.18	115638	12 1.7	
					Manual gearbox	01.16- 07.18	116097	12 2.0	
Passat B8 Variant 2.0 TDi	[DTRA]	07.20-	116384	14 180		07.20-	116156	12 2.0	
	[DTUA]	09.20-	116384	14 180		09.20-	116156	12 2.0	
Passat B8 Variant 2.0 TDi 4Motion	[DTUA]	08.20-	116384	14 180		08.20-	115610	12 2.0	
Passat CC 1.4 TSi MultiFuel	[CKMA]	01.11- 01.12	116345	14 140		01.11- 01.12	115900	12 1.1	
						01.11- 01.12	115612	12 1.2	
		A25 01.11-	115528	14 140 A49		01.11-	114163	12 1.1	
Passat CC 2.0 TSi	[CCZB]	11.10- 01.12	114722	14 140		11.10- 01.12	113773	12 1.1	
Phaeton 3.0 TDi 4 Motion	[CARA]					06.07-	114094	12 2.2	



VW Continued

Phaeton 3.0 TDI Quattro	[GEXB]				11.13-	114094	12	2.2
Phaeton 3.0 V6 TDI 4 Motion	[BMK]				09.04-	114094	12	2.2
Polo 0.8	[HE]	01.76- 05.77	110360	14 45	01.76- 05.77	112307	12	1.1
Polo 0.9	[HA]	04.75- 09.81	110360	14 45	Chas. -9N-5-180000 04.75- 09.81	112438	12	2.0 A49
		04.75- 09.81	110913	14 70	04.75- 09.81	112307	12	1.1
					02.80- 09.81	112429	12	2.0
Polo 1.0	[ACM]	02.92- 01.93	111288	14 65	02.92- 01.93	112286	12	1.7
	[AER]	03.96-	111352	14 70	03.96-	111904	12	1.8
		03.96-	111479	14 90	03.96-	113842	12	1.7
		09.96- 10.99	111820	14 90	A25 09.96- 10.99	115560	12	1.7
	PS	03.96-	111353	14 70	03.96-	111900	12	1.8
	PS	03.96-	111477	14 90	03.96-	113515	12	0.9
	[AEV]	10.94- 12.99	111352	14 70	10.94- 12.99	111904	12	1.8
	PS	10.94- 12.99	111353	14 70	10.94- 12.99	111748	12	1.1
	PS	10.94- 12.99	111477	14 90	10.94- 12.99	113515	12	0.9
	[ALD]	PS 10.99-	112273	14 70	DKG 10.99-	115612	12	1.2
	AC	10.99-	112274	14 90				
	[ALL]	09.96- 10.99	111352	14 70	09.96- 10.99	111909	12	1.1
		09.96- 10.99	111353	14 70	09.96- 10.99	111748	12	1.1
		09.96- 10.99	111477	14 90	09.96- 10.99	114034	12	1.0
		09.96- 10.99	111479	14 90	09.96- 10.99	115540	12	1.4
	PS	05.97- 12.99	111820	14 90	05.97- 12.99	115503	12	1.8 A49
	[AUC]	PS 10.99-	112273	14 70				
	AC	10.99-	112274	14 90				
	[CHYA]	01.14-	116678	14 90				
		01.14-	116705	14 110				
	[CHYB]	01.14-	116678	14 90				
		01.14-	116705	14 110				
	[CHYC]	08.17-	116232	14 110				
		08.17-	116383	14 140				
	[GL]	10.81- 07.85	110360	14 45	10.81- 07.85	112435	12	1.1
		10.81- 07.85	110913	14 70	10.81- 07.85	112307	12	1.1
					Chas. -9N-5-180000 01.85- 07.85	112438	12	2.0 A49
	[HZ]	12.88- 08.90	111288	14 65	AT 12.88- 08.90	111823	12	1.1
	[AAK]	08.89- 09.94	111288	14 65	08.89- 09.94	112286	12	1.7
	[AAU]	10.90- 09.94	111288	14 65	AT 10.90- 09.94	111823	12	1.1
					10.90- 09.94	112286	12	1.7
Polo 1.0 MPI	[DFNA]	09.18-	116232	14 110				
Polo 1.0 TSi	[CHZB]	11.14-	116193	14 140 VA				
		11.14-	116298	14 140 BO				
		11.14-	116619	14 110				
	[CHZC]	11.14-	116619	14 110				
	[CHZJ]	09.17-	116231	12 110				
		09.17-	116298	14 140				
	[CHZL]	06.17-	116231	12 110				
		06.17-	116298	14 140				
	[DKJA]	09.17-	116231	12 110				
		09.17-	116298	14 140				
Polo 1.05	[AEV]	10.94-	111352	14 70	10.94-	111904	12	1.8
		10.94-	111479	14 90	10.94-	113842	12	1.7
	PS	10.94-	111353	14 70	10.94-	111900	12	1.8
	PS	10.94-	111477	14 90	10.94-	113750	12	0.9 BO
Polo 1.1	[HB]	03.75- 09.81	110360	14 45	03.75- 09.81	112429	12	2.0
		08.79- 09.81	110913	14 70	08.79- 09.81	112307	12	1.1
					10.81- 07.83	112435	12	1.1
	[HC]	03.75- 07.77	110360	14 45	03.75- 07.77	112435	12	1.1
		03.75- 09.81	110913	14 70	03.75- 09.81	112307	12	1.1
Polo 1.2	[AWY]	01.02-	113253	14 90				
	[AZQ]	08.02-	113253	14 90				
	[BMD]	01.02-	113253	14 90				
	[BME]	08.02-	113253	14 90				
Polo 1.2 TSi	[CBZB]	06.09-	115433	14 140				
		06.09-	115765	14 140				
		06.09-	116207	14 110				
	[CBZC]	05.11-	115765	14 140				
		05.11-	116207	14 110				
	[CJZC]	02.14-	116193	14 140 VA				
		02.14-	116298	14 140 BO				
		02.14-	116619	14 110				
	[CJZD]	01.14-	116193	14 140 VA				
		01.14-	116298	14 140 BO				
		01.14-	116619	14 110				
Polo 1.3 Diesel	[MN]	08.86- 08.90	111154	14 65	08.86- 08.90	112307	12	1.1
		08.86- 08.90	111288	14 65	AT 08.86- 08.90	111823	12	1.1
					08.86- 08.90	112286	12	1.7
Polo 1.3	[ZG]	12.88- 08.90	111288	14 65	12.88- 08.90	111823	12	1.1
	[3F]	08.82- 07.85	110360	14 45	08.82- 07.85	112435	12	1.1
		08.82- 07.85	110913	14 70	08.82- 07.85	112307	12	1.1
		12.88- 09.94	111288	14 65	12.88- 09.94	112286	12	1.7
					AT 03.91- 09.94	111823	12	1.1
	[ADX]	10.94-	111352	14 70	10.94-	111823	12	1.1
		10.94-	111479	14 90	10.94-	113841	12	1.7
	PS	10.94-	111353	14 70	10.94-	111900	12	1.8
	PS	10.94-	111477	14 90	10.94-	113773	12	1.1
	[GK]	09.82- 07.85	110360	14 45	09.82- 07.85	112307	12	1.1
		09.82- 07.85	110913	14 70	AT 12.88- 08.90	111823	12	1.1
		12.88- 08.90	111288	14 65				
	[HH]	01.77- 09.81	110360	14 45	01.77- 09.81	112435	12	1.1
		08.79- 09.81	110913	14 70	08.79- 09.81	112307	12	1.1
	[HJ]	10.81- 07.82	110360	14 45	10.81- 07.82	112307	12	1.1
		10.81- 07.82	110913	14 70				
	[HK]	08.83- 07.85	110360	14 45	08.83- 07.85	112307	12	1.1
		08.83- 07.85	110913	14 70				
	[HW]	08.83- 07.85	110360	14 45	08.83- 07.85	112307	12	1.1
		08.83- 07.85	110913	14 70				
	[MH]	08.83- 07.85	110360	14 45	08.83- 07.85	112307	12	1.1
		08.83- 07.85	110913	14 70				
		12.88- 12.92	111288	14 65	AT 12.88- 12.92	111823	12	1.1



	[NZ]	08.83- 07.85	110360	14 45	08.83- 07.85	112307	12 1.1
		08.83- 07.85	110913	14 70			
		12.88- 08.90	111288	14 65	AT 12.88- 08.90	111823	12 1.1
	[AAV]	01.91- 09.94	111288	14 65	AT 01.91- 09.94	111823	12 1.1
Polo 1.3 G40	[PY]	12.88- 08.90	111288	14 65	AT 12.88- 08.90	111823	12 1.1
Polo 1.4 Diesel	[1W]	10.90- 09.94	111154	14 65	10.90- 09.94	112286	12 1.7
					10.90- 09.94	112307	12 1.1
Polo 1.4 Flexfuel	[CMAA]	03.10- 01.11	113874	14 110			
		03.10- 01.11	116587	14 110			
Polo 1.4 TDi	[AMF]	10.01-	113275	14 120			
	[BAY]	10.01-	113275	14 120			
	[BMS]	04.05-	112079	14 90 A47	04.05-	115612	12 1.2
		04.05-	113275	14 120			
		04.05-	115714	14 110			
		04.05-	115764	14 90			
	[BNM]	04.05-	113275	14 120			
		04.05-	115714	14 110			
		04.05-	115764	14 90			
	[BNV]	04.05-	112079	14 90 A47	For vehicles with DKG 04.05-	115611	12 1.1
		04.05-	113275	14 120			
		04.05-	115714	14 110			
		04.05-	115764	14 90			
	[BWB]	05.06-	113275	14 120			
		05.06-	115714	14 110			
		05.06-	115764	14 90			
Polo 1.4	[AEX]	07.95-	111352	14 70	07.95-	111904	12 1.8
		07.95-	111479	14 90	07.95-	113842	12 1.7
		07.97- 12.97	111820	14 90	07.97- 12.97	115560	12 1.7
	PS	07.95-	111353	14 70	07.95-	111900	12 1.8
	PS	07.95-	111477	14 90	07.95-	113750	12 0.9 BO
					05.97-	113515	12 0.9
	[AKK]	10.99- 09.01	111820	14 90	10.99- 09.01	115336	12 2.2
		10.99-	112273	14 70	10.99-	115612	12 1.2
		10.99- 09.01	112274	14 90	10.99- 09.01	113750	12 0.9 BO
	A20	10.99- 09.01	111477	14 90			
	[AKP]	PS 12.98- 09.01	112273	14 70			
	AC	12.98- 09.01	112274	14 90			
	[AKV]	05.97-	111352	14 70	05.97-	111904	12 1.8
	PS	05.97-	111353	14 70	05.97-	113842	12 1.7
		05.97-	111479	14 90	05.97-	115540	12 1.4
		12.97- 08.99	111820	14 90	12.97- 08.99	115561	12 1.7
	PS	05.97-	111477	14 90	05.97-	111900	12 1.8
					05.97-	113750	12 0.9 BO
					05.97-	113515	12 0.9
	[ANW]	10.99- 08.00	111820	14 90	A25 10.99- 08.00	115336	12 2.2
		10.99- 08.00	112274	14 90	10.99- 08.00	114034	12 1.0
	A20	10.99- 08.00	111477	14 90			
	[ANX]	10.99- 09.01	112273	14 70			
		10.99- 09.01	112274	14 90			
	[APQ]	12.97- 05.98	111352	14 70	12.97- 05.98	111909	12 1.1
		12.97- 08.99	111820	14 90	A25 12.97- 08.99	115336	12 2.2
	PS	12.97- 05.98	111353	14 70	12.97- 05.98	111748	12 1.1
	PS	12.97- 05.98	111477	14 90	12.97- 05.98	114034	12 1.0
					12.97- 08.99	113515	12 0.9
	[AUB]	AC 10.01-	112274	14 90			
	[AUD]	06.00- 09.01	112273	14 70	05.97- 09.01	111909	12 1.1
		06.00- 09.01	112274	14 90	05.97- 09.01	115503	12 1.8 A49
		05.97- 09.01	111352	14 70	AT 05.97- 09.01	111748	12 1.1
		05.97- 09.01	111820	14 90	05.97- 09.01	114034	12 1.0
	PS	05.97- 09.01	111353	14 70			
	PS	05.97- 09.01	111477	14 90			
	[BBY]	07.03-	112274	14 90			
		07.03-	113874	14 110			
	[BBZ]	11.03-	112274	14 90			
	[CGGB]	06.09-	112274	14 90			
		06.09-	113874	14 110			
		06.09-	116587	14 110			
	[AAK]	ACPS 09.98- 09.01	112274	14 90			
Polo 1.4 16V	[AFH]	04.96-	111353	14 70	04.96-	111900	12 1.8
		04.96-	111477	14 90	04.96-	113750	12 0.9 BO
	[AFK]	10.99-	112273	14 70			
		10.99-	112274	14 90			
	[AHW]	10.99-	112273	14 70	10.99-	115612	12 1.2
		10.99-	112274	14 90			
		10.99- 09.01	113874	14 110			
	[APE]	10.99-	112273	14 70	DKG 10.99-	115612	12 1.2
		10.99-	112274	14 90			
		10.99- 09.01	113874	14 110			
	[AQQ]	10.99-	112273	14 70			
		10.99-	112274	14 90			
	[AUA]	06.00- 09.01	111820	14 90	A25 06.00- 09.01	115336	12 2.2
		06.00- 09.01	112273	14 70	06.00- 09.01	115612	12 1.2
		06.00- 09.01	112274	14 90			
		10.99- 09.01	113874	14 110			
	[AUB]	10.99-	112273	14 70			
		10.99-	112274	14 90			
	[BBY]	AC 10.01-	112274	14 90			
	[BBZ]	AC 10.01-	112274	14 90			
	[BKY]	AC 10.01-	112274	14 90			
	[BUD]	05.06-	113874	14 110			
Polo 1.4 FSi	[AXU]	05.02-	114769	14 110			
Polo 1.4 GTi	[CAVE]	05.10-	114884	14 140			
	[CTHE]	05.10-	114884	14 140			
Polo 1.4 TSi	[CPTA]	10.12-	115660	14 70			
		10.12-	115916	14 140			
	[CZEA]	05.14-	116193	14 140 VA			
		05.14-	116298	14 140 BO			
		05.14-	116619	14 110			



VW Continued

Polo 1.4 Bifuel	[BUD]	05.06- 11.09	113874	14	110			
		05.06- 11.09	116587	14	110			
		AC 05.06- 11.09	112274	14	90			
Polo 1.5 TSI	[DADA]	10.18-	116193	14	140			
		10.18-	116231	12	110			
		10.18-	116298	14	140			
Polo 1.6 BiFuel	[CNKA]	01.11-	114769	14	110			
Polo 1.6 TDi	[CAYA]	06.09-	113992	14	140			
		06.09-	115370	14	110			
		06.09-	115433	14	140			
		06.09-	116036	14	140			
		06.09-	116452	14	140			
	[CAYB]	06.09-	113992	14	140			
		06.09-	115370	14	110			
		06.09-	115433	14	140			
		06.09-	116036	14	140			
		06.09-	116452	14	140			
	[CAYC]	06.09-	113992	14	140			
		06.09-	115370	14	110			
		06.09-	115433	14	140			
		06.09-	116036	14	140			
		06.09-	116452	14	140			
	[CLNA]	06.09-	113992	14	140			
		06.09-	115370	14	110			
		06.09-	115433	14	140			
		06.09-	116036	14	140			
		06.09-	116452	14	140			
	[DGTC]	11.17-	116647	14	140			
		11.17-	116717	14	140			
	[DGTD]	11.17-	116647	14	140			
		11.17-	116717	14	140			
Polo 1.6 Total Flex	[CCRA]	10.04-	112002	14	120 A47	10.04-	115944	12 1.7
		10.04-	115483	14	120 A49			
Polo 1.6	[1F]	11.95- 09.97	111352	14	70	11.95- 09.97	111909	12 1.1
		11.95-	111479	14	90	11.95-	111904	12 1.8
		11.95- 09.97	111820	14	90	11.95-	113842	12 1.7
		AC 11.95- 09.97	111477	14	90	11.95- 09.97	115503	12 1.8 A49
						11.95- 09.97	113841	12 1.7
	[AEA]	10.94- 07.95	111353	14	70	10.94- 07.95	111900	12 1.8
		10.94- 07.95	111477	14	90	10.94- 07.95	113773	12 1.1
	[AEE]	07.95- 12.99	111353	14	70	07.95- 12.99	111900	12 1.8
						07.95-	111748	12 1.1
		07.95- 12.99	111477	14	90	AT 07.95- 12.99	113773	12 1.1
						07.95-	114034	12 1.0
						05.97-	113515	12 0.9
	AC					07.95-	113750	12 0.9 BO
	[AEH]	10.99- 09.01	112075	14	70	10.99- 09.01	115337	12 2.0
		10.99- 09.01	111820	14	90	10.99- 09.01	115504	12 1.1 A49
		10.99- 09.01	111989	14	90	10.99- 09.01	115508	12 1.7 A49
		A20 10.99- 09.01	111477	14	90	A25 and DKG 10.99- 09.01	115944	12 1.7
						10.99- 09.01	115818	12 1.1
	[AFT]					Chas. 9N-5-500001- 10.99- 09.01	114062	12 1.7
		12.95-	111352	14	70	12.95-	111904	12 1.8
		AC 12.95-	111353	14	70	12.95-	113842	12 1.7
		12.95-	111479	14	90	05.97-	115540	12 1.4
		05.97- 08.99	111820	14	90	AT 05.97- 08.99	115376	12 1.8
	AC	12.95-	111477	14	90	12.95-	111900	12 1.8
						12.95-	113515	12 0.9
	[AHS]	03.96- 12.99	111353	14	70	03.96- 12.99	111900	12 1.8
		03.96- 12.99	111477	14	90	03.96- 12.99	113750	12 0.9 BO
	[AKL]	10.99- 09.01	112075	14	70	10.99- 09.01	115503	12 1.8 A49
		10.99- 09.01	111820	14	90	10.99- 09.01	115508	12 1.7 A49
		10.99- 09.01	111989	14	90	DKG 10.99- 09.01	115944	12 1.7
		A20 10.99- 09.01	111477	14	90	10.99- 09.01	115818	12 1.1
						10.99- 09.01	114062	12 1.7
	[ALM]	11.95- 09.01	112274	14	90	A25 07.98- 09.01	115336	12 2.2
		07.98- 09.01	111820	14	90			
	[APF]	03.00- 10.00	111820	14	90	03.00- 10.00	115503	12 1.8 A49
		03.00- 10.00	111989	14	90	03.00- 10.00	115508	12 1.7 A49
		03.00- 10.00	112075	14	70	A25 and DKG 03.00- 10.00	115944	12 1.7
	A20	03.00- 10.00	111477	14	90	03.00- 10.00	115696	12 1.1
						Chas. 9N-5-500001- 03.00- 10.00	114062	12 1.7
	[AUR]	07.00- 09.01	112075	14	70	07.00- 09.01	115503	12 1.8 A49
		07.00- 09.01	111820	14	90	07.00- 09.01	115696	12 1.1
		12.95- 09.01	111989	14	90	12.95- 09.01	115508	12 1.7 A49
		A20 12.95- 09.01	111477	14	90	12.95- 09.01	115944	12 1.7
						12.95- 09.01	114062	12 1.7
Polo 1.6 16V	[BTS]	05.06-	114769	14	110			
Polo 1.6 GTi 16V	[AJV]	04.98- 12.99	111353	14	70	04.98- 12.99	111748	12 1.1
		04.98- 12.99	111477	14	90	04.98- 12.99	113515	12 0.9
		04.98- 12.99	111820	14	90	A25 04.98- 12.99	115336	12 2.2
		10.99-	112273	14	70	DKG 10.99-	115612	12 1.2
	[ARC]	10.99-	112274	14	90			
	[AVY]	05.00- 09.01	112273	14	70	DKG 05.00- 09.01	115612	12 1.2
		05.00- 09.01	112274	14	90			
	[AKW]	08.97-	111828	14	120	A25 08.97-	115560	12 1.7
		08.97-	111884	14	90	08.97-	115503	12 1.8 A49
Polo 1.8	[ADD]	03.98- 09.01	111352	14	70	03.98- 09.01	111909	12 1.1
		03.98- 09.01	111820	14	90	03.98- 09.01	115337	12 2.0
		AC 03.98- 09.01	111477	14	90	03.98- 09.01	114034	12 1.0
Polo 1.8 GTi	[BJX]	09.05-	111884	14	90	09.05-	115503	12 1.8 A49
		09.05-	111989	14	90	09.05-	114758	12 0.9 MA
		09.05-	112075	14	70	09.05-	115696	12 1.1
Polo 1.9 Diesel	[1Y]	01.96- 04.96	111352	14	70	01.96- 04.96	111909	12 1.1
		[AEF]	10.94- 01.96	14	70	Change pulley 10.94- 01.96	111900	12 1.8
		10.94- 09.95	111477	14	90	Change pulley 10.94- 09.95	113750	12 0.9 BO
		10.99- 09.01	113888	14	90			



Polo 1.9 SDi	[1Y]	12.95- 08.99	111353	14 70		12.95- 08.99	111748	12 1.1	
		12.95- 08.99	111820	14 90		A25 12.95- 08.99	115336	12 2.2	
		12.95- 08.99	111988	14 120		12.95- 08.99	115504	12 1.1	A49
	[AEY]	12.95-	111353	14 70		12.95-	111900	12 1.8	
		12.95-	111828	14 120		12.95-	115540	12 1.4	
		03.97-	111884	14 90		A25 03.97-	115560	12 1.7	
	AC	12.95-	111477	14 90		03.97-	115503	12 1.8	A49
		10.99- 09.01	113888	14 90		12.95-	113515	12 0.9	
	[AGD]								
	[AGP]	08.99- 09.01	111820	14 90		A25 08.99- 09.01	115336	12 2.2	
		08.99- 09.01	112002	14 120 A47		08.99- 09.01	114758	12 0.9	MA
		08.99- 09.01	112079	14 90 A47		08.99- 09.01	115696	12 1.1	
		08.99- 09.01	113340	14 70					
		08.99- 09.01	114789	14 90 A49					
	[AQM]	08.99- 09.01	115483	14 120 A49					
		08.99- 09.01	111820	14 90		A25 08.99- 09.01	115336	12 2.2	
		08.99- 09.01	112002	14 120 A47		08.99- 09.01	115503	12 1.8	A49
		08.99- 09.01	112079	14 90 A47	For vehicles with DKG	08.99- 09.01	116272	12 1.1	
		08.99- 09.01	113340	14 70		08.99- 09.01	114758	12 0.9	MA
		08.99- 09.01	114789	14 90 A49		08.99- 09.01	115612	12 1.2	
		08.99- 09.01	115483	14 120 A49		08.99- 09.01	115696	12 1.1	
	[ASY]	10.01-	112002	14 120 A47		10.01-	114758	12 0.9	MA
		10.01-	112079	14 90 A47		10.01-	115696	12 1.1	
		10.01-	113340	14 70		09.02-	114163	12 1.1	
		10.01-	115483	14 120 A49		09.02-	115610	12 2.0	
		11.03-	111989	14 90					
Polo 1.9 TDi	[AFN]	06.98-	111884	14 90		06.98-	115503	12 1.8	A49
		06.98-	111988	14 120		06.98-	115504	12 1.1	A49
		06.98- 08.99	111828	14 120		A25 06.98- 08.99	115560	12 1.7	
	[AGR]	05.97- 09.01	112002	14 120 A47		05.97- 09.01	114758	12 0.9	MA
		05.97- 09.01	112079	14 90 A47		05.97- 09.01	115696	12 1.1	
		10.99- 09.01	111820	14 90		10.99- 09.01	115336	12 2.2	
		10.99- 09.01	113340	14 70					
		10.99- 09.01	115483	14 120 A49					
	[AHU]	07.96- 08.99	111820	14 90		07.96- 08.99	115560	12 1.7	
		07.96- 08.99	111828	14 120		07.96- 08.99	115540	12 1.4	
		07.96- 08.99	111884	14 90		07.96- 08.99	115503	12 1.8	A49
		07.96- 08.99	111988	14 120		07.96- 08.99	115504	12 1.1	A49
	[ALE]	09.96- 08.99	111820	14 90		09.96- 08.99	115560	12 1.7	
		09.96- 08.99	111828	14 120		09.96- 08.99	115540	12 1.4	
		03.97-	111884	14 90		03.97-	115503	12 1.8	A49
		03.97-	111988	14 120		03.97-	115504	12 1.1	A49
	[ALH]	05.97- 09.01	112002	14 120 A47		05.97- 09.01	114299	12 1.7	
		05.97- 09.01	112079	14 90 A47		05.97- 09.01	115696	12 1.1	
		10.99- 09.01	111820	14 90		10.99- 09.01	115336	12 2.2	
		10.99- 09.01	113340	14 70		10.99- 09.01	114758	12 0.9	MA
		10.99- 09.01	115483	14 120 A49					
	[ASV]	06.98- 09.01	112002	14 120 A47		06.98- 09.01	114299	12 1.7	
		06.98- 09.01	112079	14 90 A47		06.98- 09.01	115634	12 1.8	
		06.98- 09.01	114789	14 90 A49		06.98- 09.01	115696	12 1.1	
		10.99- 09.01	113340	14 70					
		10.99- 09.01	115483	14 120 A49					
	[ASZ]	11.03-	112002	14 120 A47		11.03-	116335	12 2.0	
		11.03-	112079	14 90 A47	For vehicles with DKG	11.03-	115610	12 2.0	
		11.03-	113340	14 70					
	[ATD]	11.03-	115483	14 120 A49					
		10.01-	112002	14 120 A47		10.01-	114758	12 0.9	MA
		10.01-	112079	14 90 A47		10.01-	115696	12 1.1	
		10.01-	113340	14 70					
		10.01-	115483	14 120 A49					
	[AXR]	10.01-	112002	14 120 A47		10.01-	114758	12 0.9	MA
		10.01-	112079	14 90 A47		10.01-	115696	12 1.1	
		10.01-	113340	14 70					
		10.01-	115483	14 120 A49					
	[BLT]	11.03-	112002	14 120 A47		11.03-	116335	12 2.0	
		11.03-	112079	14 90 A47		11.03-	115611	12 1.1	
		05.04-	113340	14 70					
		05.04-	115483	14 120 A49					
	[BMT]	05.06-	112002	14 120		05.06-	116272	12 1.1	
		05.06-	113340	14 70					
		05.06-	115483	14 120 A49					
		05.06-	115764	14 90					
Polo 2.0	[ADC]	08.99-	111352	14 70		08.99-	111909	12 1.1	
		08.99-	111479	14 90		08.99-	115540	12 1.4	
		AC 08.99-	111820	14 90		08.99-	115503	12 1.8	A49
	[CDLJ]	08.13-	113992	14 140					
Polo Cityvan 1.2 TDi BlueMotion	[CFWA]	10.09- 05.14	115529	14 140		10.09- 05.14	114299	12 1.7	
		A25 10.09- 05.14	115785	14 140					
Polo Cityvan 1.2	[CGPB]	03.09- 05.14	113253	14 90		03.09- 05.14	114034	12 1.0	
		A25 03.09- 05.14	115767	14 140	DKG	03.09- 05.14	115634	12 1.8	
Polo Cityvan 1.2 BlueMotion	[CGPA]	03.09- 05.14	113253	14 90		03.09- 05.14	114034	12 1.0	
		A25 03.09- 05.14	115767	14 140	DKG	03.09- 05.14	115611	12 1.1	
Polo Cityvan 1.2 TSi	[CBZC]	05.11- 05.14	115765	14 140		05.11- 05.14	116272	12 1.1	
		05.11- 05.14	116207	14 110	DKG	05.11- 05.14	115612	12 1.2	
		A25 05.11- 05.14	115767	14 140	DKG	05.11- 05.14	115611	12 1.1	
Polo Cityvan 1.2 TSi BlueMotion	[CBZB]	11.09- 05.14	115765	14 140		11.09- 05.14	116272	12 1.1	
		11.09- 05.14	116207	14 110	DKG	11.09- 05.14	115612	12 1.2	
		A25 11.09- 05.14	115767	14 140					
Polo Cityvan 1.4	[CAVE]	05.10- 05.14	114884	14 140		A25 05.10- 05.14	115336	12 2.2	
		03.09- 05.14	116587	14 110		03.09- 05.14	114034	12 1.0	
	[CGGB]	AC 03.09- 05.14	112274	14 90					
		AC 03.09- 05.14	113874	14 110					



VW Continued

Polo Cityvan 1.6 TDI	[CAYA]	06.09- 05.14	113992	14 140		06.09- 05.14	114034	12 1.0
		06.09- 05.14	115370	14 110		A25 06.09- 05.14	115336	12 2.2
		06.09- 05.14	116452	14 140		06.09- 05.14	115612	12 1.2
		A25 06.09- 05.14	115433	14 140		06.09- 05.14	115337	12 2.0
	[CAYC]	06.09- 05.14	113992	14 140		DKG 06.09- 05.14	115376	12 1.8
		06.09- 05.14	115370	14 110		A25 06.09- 05.14	115336	12 2.2
		06.09- 05.14	116452	14 140		06.09- 05.14	114299	12 1.7
		A25 06.09- 05.14	115433	14 140				
Polo Cityvan 1.6 TDI BlueMotion	[CAYB]	06.09- 05.14	113992	14 140		A25 06.09- 05.14	115336	12 2.2
		06.09- 05.14	115370	14 110		06.09- 05.14	115337	12 2.0
		06.09- 05.14	116452	14 140		06.09- 05.14	114299	12 1.7
		A25 06.09- 05.14	115433	14 140				
Polo Classic 1.3	[GT]	08.82- 07.88	110360	14 45				
Polo Van 1.0 TSI TSI	[CHZC]	11.14- 10.17	116193	14 140				
		11.14- 10.17	116231	12 110				
		11.14- 10.17	116298	14 140				
		11.14- 10.17	116619	14 110				
Polo Van 1.4 TDI TDI	[CUTA]	03.14- 10.17	116383	14 140				
		03.14- 10.17	116607	14 140				
Polo Van 1.4		08.97- 12.99	111352	14 70		08.97- 12.99	112307	12 1.1
		08.97- 12.99	111353	14 70				
		08.97- 12.99	111477	14 90		08.97- 12.99	112286	12 1.7
		08.97- 12.99	111479	14 90		08.97- 12.99	115560	12 1.7
		08.97- 12.99	111820	14 90		08.97- 12.99	115336	12 2.2
						06.00- 09.01	114758	12 0.9
		06.00- 09.01	112274	14 90				
Polo Van 1.6		09.97- 12.98	111353	14 70		09.97- 12.98	112307	12 1.1
		09.97- 12.98	111820	14 90		09.97- 12.98	114758	12 0.9
		10.99- 09.01	112002	14 120		10.99- 09.01	114758	12 0.9
		10.99- 09.01	112079	14 90				
Routan 3.8	[CGUA]	09.08- 11.10	116715	14 160				
Santana 1.3	[FZ]	08.80- 07.83	110360	14 45		08.80- 07.83	110865	12 0.95
		08.80- 07.83	110913	14 70				
		08.83- 12.84	110919	14 65				
Santana 1.6 Diesel	[CR]	08.81- 12.84	110975	14 65				
		08.81- 07.85	111653	14 45				
	[JK]	08.81- 12.84	110975	14 65				
		08.81- 12.84	111653	14 45				
Santana 1.6 TD	[CY]	08.81- 07.85	111653	14 45				
		08.85-	111094	14 65				
Santana 1.6	[DT]	08.81- 12.84	111139	14 75				
		08.81- 12.84	111653	14 45				
	[WV]	08.81- 07.83	111139	14 75				
		08.81- 07.83	111653	14 45				
	[YP]	08.81- 12.82	111139	14 75				
		08.81- 12.82	111653	14 45				
Santana 1.8	[DS]	01.83- 12.84	110919	14 65		01.83- 12.84	111010	12 1.4
		01.83- 12.84	111139	14 75				
Santana 1.9	[WN]	08.81- 07.83	111653	14 45		06.82- 12.84	111010	12 1.4
		06.82- 12.84	110919	14 65				
		AC 08.81- 07.83	111139	14 75				
Santana 2.0	[HP]	08.83- 12.84	110919	14 65		08.83- 12.84	111010	12 1.4
		08.83- 12.84	110919	14 65		08.83- 12.84	111010	12 1.4
Santana 2.1	[WE]	08.82- 12.83	111653	14 45				
Scirocco 1.1	[FA]	04.74- 07.79	110360	14 45		AT 04.74- 07.79	110864	12 0.7
Scirocco 1.3	[GF]	08.79- 03.81	110360	14 45		AT 08.79- 03.81	110864	12 0.7
		08.79- 03.81	110913	14 70				
Scirocco 1.4 TSi	[CAVD]	06.08- 05.14	114884	14 140		06.08- 05.14	115638	12 1.7
						09.08-	115900	12 1.1
	[CAXA]	08.08- 05.14	114884	14 140		08.08- 05.14	115638	12 1.7
		09.08-	115528	14 140 A49		A25 and DKG 09.08-	116156	12 2.0
		09.08-	116345	14 140		08.08- 05.14	115611	12 1.1
	[CMSB]	09.08-	114884	14 140		09.08-	115818	12 1.1
		09.08-	115528	14 140 A49		Direct shift gearbox (Double Clutch) 09.08-	115611	12 1.1
		09.08-	116345	14 140				
	[CNWA]	09.08-	114884	14 140		09.08-	115818	12 1.1
	[CTHD]	09.08-	114884	14 140		A25 and DKG 09.08-	116156	12 2.0
	[CTKA]	09.08-	114884	14 140		DKG 09.08-	115900	12 1.1
	[CXSb]	11.13-	116193	14 140		DKG 11.13-	115612	12 1.2
		11.13-	116298	14 140				
	[CZSB]	11.13-	116193	14 140				
		11.13-	116298	14 140				
Scirocco 1.5	[JB]	02.80- 03.81	111653	14 45		02.80- 03.81	111059	12 0.9
						03.81- 12.83	113773	12 1.1
Scirocco 1.6	[FR]	02.80- 03.81	111653	14 45		02.80- 03.81	113773	12 1.1
		06.83- 12.83	110919	14 65		08.80- 07.83	113841	12 1.7
						06.83- 12.83	111059	12 0.9
	[EG]	02.80- 03.81	111653	14 45		02.80- 03.81	113773	12 1.1
		08.80- 03.81	111139	14 75		08.80- 03.81	111059	12 0.9
						03.81- 07.82	113841	12 1.7
	[EW]	01.83- 05.83	111653	14 45		01.83- 05.83	113773	12 1.1
		06.83- 07.85	110919	14 65		AT 06.83- 07.85	110864	12 0.7
		08.85- 07.92	112149	14 65		A25 08.85- 07.92	115561	12 1.7
	[EWA]	01.83- 05.83	111653	14 45		DKG 01.83- 05.83	115561	12 1.7
		06.83- 07.85	110919	14 65		06.83- 07.85	111059	12 0.9
		04.86- 07.90	112149	14 65		04.86- 07.90	115561	12 1.7
	[RE]	08.82- 12.82	111139	14 75		08.82- 12.82	111059	12 0.9
		08.82- 05.83	111653	14 45		08.82- 05.83	113841	12 1.7
		06.83- 07.85	110919	14 65		AT 06.83- 07.85	110864	12 0.7
Scirocco 1.8	[DX]	08.84- 07.92	112149	14 65		08.84- 07.92	115402	12 1.8
		08.82- 12.82	111139	14 75		08.82- 12.82	111059	12 0.9
		08.82- 05.83	111653	14 45		08.82- 05.83	113841	12 1.7
	[EV]	06.83- 07.85	110919	14 65		AT 06.83- 07.85	110864	12 0.7
		08.84- 07.92	112149	14 65		08.84- 07.92	115402	12 1.8
		08.82- 12.82	111139	14 75		08.82- 12.82	111059	12 0.9
	[EX]	08.82- 05.83	111653	14 45		08.82- 05.83	113841	12 1.7
		06.83- 07.85	110919	14 65		AT 06.83- 07.85	110864	12 0.7
		08.84- 07.92	112149	14 65		08.84- 07.92	115402	12 1.8
		08.83- 07.85	110919	14 65		08.83- 07.85	111059	12 0.9
		08.84- 07.92	112149	14 65		08.84- 07.92	115402	12 1.8



Scirocco 2.0 TDi	[JH]	05.83- 07.85	110919	14 65	AT	05.83- 07.85	110864	12 0.7	
		08.85- 07.92	112149	14 65	A25	08.85- 07.92	115402	12 1.8	
	[JJ]	08.82- 12.89	110919	14 65		08.82- 12.89	111059	12 0.9	
		08.82- 12.89	111139	14 75					
		08.82- 12.89	111653	14 45	A25 and DKG	08.82- 12.89	115539	12 2.0	A49
		08.82- 12.89	112149	14 65	A25	08.82- 12.89	115402	12 1.8	
	[PB]	08.82- 12.82	111139	14 75		08.82- 12.82	111059	12 0.9	
		08.82- 05.83	111653	14 45	A25 and DKG	08.82- 05.83	115539	12 2.0	A49
		06.83- 07.85	110919	14 65					
		08.85- 07.92	112149	14 65	A25	08.85- 07.92	115402	12 1.8	
	[CBBB]	05.09-	113992	14 140		05.09-	115311	12 2.0	
		05.09-	115433	14 140		05.09-	115638	12 1.7	
		05.09-	116036	14 140		05.09-	115612	12 1.2	
		05.09-	116452	14 140					
	[CBDB]	09.08-	113992	14 140		09.08-	115311	12 2.0	
		09.08-	115433	14 140		09.08-	115638	12 1.7	
Scirocco 2.0 R		09.08-	116036	14 140		09.08-	115612	12 1.2	
		09.08-	116452	14 140					
	[CFGB]	05.09-	113992	14 140	DKG	05.09-	115333	12 1.0	
		05.09-	115433	14 140		05.09-	115638	12 1.7	
		05.09-	116036	14 140		05.09-	115612	12 1.2	
		05.09-	116452	14 140					
	[CFGB, CBBB]	05.09- 05.14	113992	14 140		05.09- 05.14	114163	12 1.1	
		05.09- 05.14	116452	14 140		05.09- 05.14	115638	12 1.7	
		A25	05.09- 05.14	115433					
	[CFGC]	01.13-	113992	14 140	AT	01.13-	115333	12 1.0	
		01.13-	115433	14 140		01.13-	115638	12 1.7	
		01.13-	116036	14 140		01.13-	115612	12 1.2	
		01.13-	116452	14 140					
	[CFHB]	11.10-	113992	14 140	DKG	11.10-	115311	12 2.0	
		11.10-	114697	14 180		11.10-	114163	12 1.1	
		11.10-	115433	14 140		11.10-	115638	12 1.7	
Scirocco 2.0 TFSi		11.10-	116036	14 140		11.10-	115612	12 1.2	
		11.10-	116452	14 140					
	[CFHC]	09.08-	113992	14 140	AT	09.08-	115333	12 1.0	
		09.08-	115433	14 140		09.08-	115638	12 1.7	
		09.08-	116036	14 140		09.08-	115612	12 1.2	
		09.08-	116452	14 140					
	[CFHC, CBDB]	08.08- 05.14	113992	14 140		08.08- 05.14	114163	12 1.1	
		08.08- 05.14	116452	14 140	DKG	08.08- 05.14	115638	12 1.7	
		A25	08.08- 05.14	115433					
	[CUUB]	11.13-	113992	14 140	DKG	11.13-	115333	12 1.0	
		11.13-	115898	14 140		11.13-	115611	12 1.1	
		11.13- 11.17	116717	14 140					
	[CUWA]	05.14-	115898	14 140	DKG	05.14-	115611	12 1.1	
		05.14- 11.17	116717	14 140					
	[CUXA]	05.14-	115898	14 140		05.14-	115611	12 1.1	
		05.14- 11.17	116717	14 140					
Sharan 1.4 TSi	[CDLA]	11.09-	113992	14 140	DKG	11.09-	115311	12 2.0	
	[CDLC]	05.14-	113992	14 140		05.14-	114163	12 1.1	
	[CCZB]	11.09- 05.14	114722	14 140		11.09- 05.14	114163	12 1.1	
	[CCZB]	11.09-	114722	14 140		11.09-	114163	12 1.1	
	[CDLC]	11.09-	113992	14 140	AT	11.09-	115333	12 1.0	
	[CULA]	11.13-	113992	14 140		11.13-	114163	12 1.1	
	[CULC]	11.13-	113992	14 140		11.13-	114163	12 1.1	
	[CAVA]	07.10-	115528	14 140 A49					
		07.10-	116345	14 140					
	[CNWB]	07.10-	115528	14 140 A49					
		07.10-	116345	14 140					
	[CTHA]	07.10-	115528	14 140 A49					
		07.10-	116345	14 140					
	[AJH]	09.97-	111353	14 70		09.97-	115504	12 1.1	A49
		09.97-	111477	14 90	AT	09.97-	111748	12 1.1	
Sharan 1.8 Turbo 20V		09.97-	112002	14 120 A47	AT, 5 Speed	10.98- 02.00	115523	12 2.3	
		09.97-	112079	14 90 A47		09.97-	112429	12 2.0	
		09.97-	114789	14 90 A49		09.97-	112286	12 1.7	
		10.98- 02.00	115483	14 120 A49					
	[AWC]	05.00-	115483	14 120 A49	AT	09.97-	111909	12 1.1	
		09.97-	112002	14 120 A47		09.97-	115402	12 1.8	
		09.97-	113992	14 140					
	[1Z]	09.95- 07.96	111477	14 90		09.95- 07.96	112429	12 2.0	
		09.95- 07.96	111988	14 120	AT	09.95- 07.96	112286	12 1.7	
	[AFN]	09.96- 11.96	111477	14 90		09.96- 11.96	112429	12 2.0	
		09.96- 09.98	111828	14 120					
		12.96- 09.98	111884	14 90					
	[AHU]	09.95-	112002	14 120 A47	AT	09.95-	112286	12 1.7	
		09.95-	112079	14 90 A47		09.95-	111900	12 1.8	
		09.95-	114789	14 90 A49		09.95-	115504	12 1.1	A49
		07.96-	111477	14 90		07.96-	112429	12 2.0	
Sharan 1.9 TDi		05.99- 02.00	115483	14 120 A49	AT, 5 Speed	05.99- 02.00	115523	12 2.3	
	[ANU]	04.00-	115483	14 120 A49		09.95-	112005	12 1.1	
		09.95-	112002	14 120		09.95-	115539	12 2.0	A49
		09.95-	112079	14 90 A47		09.95-	115402	12 1.8	
		09.95-	113992	14 140		09.95-	116156	12 2.0	
		09.95-	114789	14 90 A49					
	[ASZ]	11.02-	112002	14 120 A47		11.02-	112005	12 1.1	
		11.02-	112079	14 90 A47		11.02-	111749	12 1.1	
		11.02-	114789	14 90 A49	6 Speed	11.02-	114174	12 1.1	
		11.02- 05.05	115483	14 120 A49					
	[AUY]	04.00-	112002	14 120 A47		04.00-	112166	12 1.7	
		04.00-	112079	14 90 A47	AT	04.00-	111748	12 1.1	
		04.00-	114789	14 90 A49		04.00-	114174	12 1.1	
		04.00-	115483	14 120 A49					
	[AVG]	08.99- 04.00	111884	14 90		08.99- 04.00	112429	12 2.0	
	[BTB]	05.05-	115483	14 120 A49		06.05-	112005	12 1.1	
Sharan 1.9 TDi		06.05-	112002	14 120 A47		06.05-	115402	12 1.8	
		06.05-	113992	14 140					
	[BVK]	11.05-	112002	14 120 A47		11.05-	111909	12 1.1	
		11.05-	113992	14 140		11.05-	115503	12 1.8	A49
		11.05-	115483	14 120 A49					


VW Continued

Sharan 1.9 TDi 4 Motion	[AUY]	04.00-	112079	14 90 A47	04.00-	111749	12 1.1
		04.00-	114789	14 90 A49	04.00-	114174	12 1.1
	AC	04.00-	115483	14 120 A49	04.00-	112166	12 1.7
		04.00-	112002	14 120			
	[BVK]	04.00-	112002	14 120 A47	04.00-	111900	12 1.8
		04.00-	112079	14 90 A47	04.00-	115539	12 2.0 A49
		04.00-	113992	14 140	04.00-	115503	12 1.8 A49
		04.00-	114789	14 90 A49	04.00-	116156	12 2.0
		04.00-	115483	14 120 A49			
Sharan 2.0 LPG	[ATM]	05.08-	112002	14 120 A47	05.08-	111900	12 1.8
		05.08-	113992	14 140	05.08-	115503	12 1.8 A49
		05.08-	115483	14 120 A49			
Sharan 2.0 TDi	[BRT]	11.05-	112002	14 120 A47	AT 11.05-	111909	12 1.1
		11.05-	113992	14 140	11.05-	115402	12 1.8
		11.05-	115483	14 120 A49			
	[BVH]	11.05- 03.10	112002	14 120 A47	11.05- 03.10	111900	12 1.8
		11.05- 03.10	113992	14 140	11.05- 03.10	115503	12 1.8 A49
		11.05- 03.10	115483	14 120 A49			
	[CFFA]	05.10-	114831	14 180	05.10-	116156	12 2.0
		05.10-	115433	14 140			
		05.10-	115712	14 180			
		05.10-	115713	14 180 A49			
		05.10-	116036	14 140			
		05.10-	116319	14 180			
	[CFFB]	05.10-	116452	14 140			
		07.10-	115433	14 140			
		07.10-	115712	14 180			
		07.10-	115713	14 180 A49			
		07.10-	116036	14 140			
		07.10-	116319	14 180			
	[CFFE]	07.10-	116452	14 140			
		05.11-	114831	14 180	AT, 5 Speed 05.11-	115523	12 2.3
		05.11-	115433	14 140			
		05.11-	115713	14 180 A49			
		05.11-	116036	14 140			
		05.11-	116319	14 180			
		05.11-	116452	14 140			
		05.11-	116647	14 140			
	[CFGB]	05.11- 07.19	116717	14 140			
		08.10-	114831	14 180	08.10-	115900	12 1.1
		08.10-	115433	14 140			
		08.10-	115712	14 180			
		08.10-	115713	14 180 A49			
		08.10-	116036	14 140			
	[CFGC]	08.10-	116319	14 180			
		08.10-	116452	14 140			
		01.13-	115433	14 140			
		01.13-	116036	14 140			
	[CUVC]	01.13-	116452	14 140			
		01.13-	116647	14 140			
	[CUWA]	05.15-	115898	14 140			
		05.15-	116359	14 140			
		05.15-	116647	14 140			
		05.15-	116717	14 140			
Sharan 2.0 TDi 4 Motion	[DFMA]	05.16-	115898	14 140			
		05.16-	116359	14 140			
		05.16-	116717	14 140			
Sharan 2.0 TDi 4motion	[CFFB]	05.11-	115433	14 140			
		05.11-	115712	14 180			
		05.11-	115713	14 180 A49			
		05.11-	116036	14 140			
		05.11-	116319	14 180			
		05.11-	116452	14 140			
	[CUVC]	05.15-	115898	14 140			
		05.15-	116359	14 140			
		05.15-	116647	14 140			
		05.15-	116717	14 140			
	[DLUB]	11.18-	114322	14 140	11.18-	115504	12 1.1 A49
		11.18-	116384	14 180			
Sharan 2.0	[ADY]	09.95- 09.98	111479	14 90	09.95- 09.98	112429	12 2.0
		AC 09.95- 09.98	111477	14 90			
	[ATM]	05.00-	112002	14 120 A47	05.00-	112005	12 1.1
		05.00-	115483	14 120 A49			
Sharan 2.0 TSi	[CCZA]	12.10-	114722	14 140	12.10-	115504	12 1.1 A49
	[DEDA]	05.15-	116747	14 180			
Sharan 2.8 V6 24V	[AYL]	04.00-	112002	14 120 A47	04.00-	112286	12 1.7
		04.00-	113884	14 150	04.00-	115539	12 2.0 A49
		04.00-	113885	14 150	04.00-	115402	12 1.8
		04.00-	115483	14 120 A49	AT, 5 Speed 04.00-	115523	12 2.3
Sharan 2.8 V6 24V VR6 Syncro	[AYL]	04.00-	112002	14 120 A47	04.00-	112166	12 1.7
		04.00-	113884	14 150	DKG 04.00-	115561	12 1.7
		04.00-	113885	14 150	04.00-	115402	12 1.8
		04.00-	115483	14 120 A49			
Sharan 2.8 VR6	[AMY]	04.98- 02.00	113885	14 150	04.98- 02.00	115402	12 1.8
		09.95- 09.98	111828	14 120	09.95- 09.98	112429	12 2.0
		09.95- 02.00	113885	14 150	09.95- 02.00	115561	12 1.7
Sharan 2.8 VR6 Syncro	[AMY]	11.96- 04.00	112002	14 120	AT 11.96- 04.00	111909	12 1.1
		04.98- 02.00	113885	14 150	04.98- 02.00	115402	12 1.8
	[AAA]	07.96- 02.00	113885	14 150	07.96- 02.00	115402	12 1.8
		11.96- 04.00	112002	14 120	AT, Chas. 7MT00801- 11.96- 04.00	112286	12 1.7
Sharan Van 1.4 TSi	[CTHA, CAVA]	05.10- 11.15	116345	14 140			
		05.10- 11.15	116653	14 140			



Sharan Van 1.9 TDi	[AFN]	09.96- 05.03	111820	14 90	AT	09.96- 05.03	112286	12 1.7
		09.96- 05.03	111828	14 120		09.96- 05.03	111900	12 1.8
		09.96- 05.03	111884	14 90		09.96- 05.03	115402	12 1.8
		09.96- 05.03	112002	14 120		09.96- 05.03	112429	12 2.0
		09.96- 05.03	112079	14 90				
	[ANU,AHU]	09.96- 05.03	111820	14 90	AT	09.96- 05.03	112286	12 1.7
		09.96- 05.03	111988	14 120		09.96- 05.03	112166	12 1.7
		09.96- 05.03	112002	14 120		09.96- 05.03	111900	12 1.8
		09.96- 05.03	112079	14 90		09.96- 05.03	115402	12 1.8
		09.96- 05.03	113992	14 140				
	[ASZ]	11.02- 05.03	112002	14 120		11.02- 05.03	115560	12 1.7
		11.02- 05.03	112079	14 90		11.02- 05.03	114174	12 1.1
		11.02- 05.03	113992	14 140				
	[AUY]	04.00- 03.10	112002	14 120	AT	04.00- 03.10	111909	12 1.1
		04.00- 03.10	112079	14 90		04.00- 03.10	115402	12 1.8
		04.00- 03.10	113992	14 140				
Sharan Van 2.0 TDi	[CFFA]	05.10- 05.11	115433	14 140				
		05.10- 05.11	115712	14 180				
		05.10- 05.11	116319	14 180				
	[CFFB]	05.10- 11.15	115433	14 140				
		05.10- 11.15	115712	14 180				
		05.10- 11.15	116319	14 180				
	[CFFE]	05.11- 11.15	115433	14 140				
		05.11- 11.15	115712	14 180				
		05.11- 11.15	116319	14 180				
	[CFGB]	08.10- 01.13	115433	14 140				
		08.10- 01.13	115712	14 180				
		08.10- 01.13	116319	14 180				
Sharan Van 2.0	[ATM,ADY]	09.96- 07.02	111479	14 90	DKG AT	09.96- 07.02	112005	12 1.1
		09.96- 07.02	111820	14 90		09.96- 07.02	112429	12 2.0
		09.96- 07.02	112002	14 120		09.96- 07.02	116156	12 2.0
		09.96- 07.02	112274	14 90		09.96- 07.02	115523	12 2.3
		09.96- 07.02	113992	14 140				
		09.96- 07.02	116587	14 110				
Sharan Van 2.0 TSi	[CCZA]	12.10- 11.15	114722	14 140				
Sharan Van 2.8 VR6 Vr6 7M8	[AAA]	09.96- 04.00	112002	14 120	DKG	09.96- 04.00	115561	12 1.7
		09.96- 04.00	113885	14 150		09.96- 04.00	116156	12 2.0
Sharan Van 2.8 VR6 Vr6 7M9	[AYL]	08.01- 05.03	112002	14 120	DKG	08.01- 05.03	115402	12 1.8
		08.01- 05.03	113884	14 150		08.01- 05.03	116156	12 2.0
		08.01- 05.03	113885	14 150		08.01- 05.03	115900	12 1.1
		08.01- 05.03	113992	14 140				
Taigo 1.5 TSi TSi	[DPCA]	09.21-	116231	12 110		09.21-	115560	12 1.7
		09.21-	116298	14 140		09.21-	115944	12 1.7
						09.21-	116272	12 1.1
Taro 2.4 Diesel	[ZL]	04.89- 03.97	111483	14 55		04.89- 03.97	110411	12 1.4
		09.91- 07.94	114203	14 60		04.89- 03.97	111387	12 2.0
						06.89- 09.91	110708	12 2.7
						09.91- 07.94	110397	12 1.0
						07.94- 03.97	110842	12 1.4
Taro 2.4 Diesel 4x4	[ZL]	04.89-	111483	14 55		04.89-	110397	12 1.0
		04.89- 03.97	114203	14 60		04.89-	110708	12 2.7
						04.89- 03.97	111387	12 2.0
						07.94- 03.97	110260	12 1.0
Taro 2.4	[Z2R]	04.89-	111483	14 55		04.89-	110708	12 2.7
						01.94-	113108	12 1.4
T-Cross 1.0 TSi	[DKLA]	12.18-	116193	14 140	DKG	12.18-	115560	12 1.7
		12.18-	116231	12 110		12.18-	116272	12 1.1
		12.18-	116298	14 140		12.18-	115944	12 1.7
	[DKRF]	12.18-	116193	14 140		12.18-	115560	12 1.7
		12.18-	116231	12 110		12.18-	116272	12 1.1
		12.18-	116298	14 140		12.18-	115944	12 1.7
T-Cross 1.5 TSi	[DADA]	01.20-	116193	14 140	DKG	01.20-	115336	12 2.2
		01.20-	116231	12 110		01.20-	116272	12 1.1
		01.20-	116298	14 140		01.20-	115610	12 2.0
		01.20-	116619	14 110				
T-Cross 1.6 TDi	[DGTD]	12.18-	116647	14 140				
Tiguan 1.4 TSi	[BWK]	09.07-	114884	14 140	A25	09.07-	113841	12 1.7
		09.07-	115528	14 140 A49		09.07-	115402	12 1.8
		09.07-	116345	14 140		09.07-	115638	12 1.7
	[CAVA]	09.07-	114884	14 140		09.07-	113841	12 1.7
		09.07-	115528	14 140 A49		09.07-	115402	12 1.8
		09.07-	116345	14 140		09.07-	115638	12 1.7
	[CAVD]	05.11-	115528	14 140 A49		05.11-	115561	12 1.7
		05.11-	116345	14 140		05.11-	115638	12 1.7
	[CAXA]	08.10-	115528	14 140 A49		08.10-	115561	12 1.7
		08.10-	116345	14 140		08.10-	115638	12 1.7
	[CTHA]	09.07-	114884	14 140		09.07-	113841	12 1.7
		09.07-	115528	14 140 A49		09.07-	115561	12 1.7
		09.07-	116345	14 140		09.07-	115638	12 1.7
	[CTHD]	05.11-	115528	14 140 A49		05.11-	115561	12 1.7
		05.11-	116345	14 140		05.11-	115638	12 1.7
	[CZCA]	01.16-	116619	14 110				
	[CZDA]	05.15- 07.18	116717	14 140				
		05.16-	116619	14 110				
	[CZDB]	05.15- 07.18	116717	14 140				
	[CZEA]	05.16-	116619	14 110				
Tiguan 1.4 TSi 4 Motion	[CZDA]	05.16-	116619	14 110				
		05.16-	116619	14 110				
Tiguan 1.4 TSi 4motion	[CAVD]	05.11-	115528	14 140 A49	A25	05.11-	115402	12 1.8
		05.11-	116345	14 140		05.11-	115638	12 1.7
Tiguan 1.5 TSi	[DACA]	11.18-	116193	14 140		11.18-	115900	12 1.1
		11.18-	116231	12 110		11.18-	115696	12 1.1
		11.18-	116298	14 140		11.18-	115638	12 1.7
	[DADA]	09.18-	116231	12 110		09.18-	115696	12 1.1
		11.18-	116193	14 140		11.18-	115900	12 1.1
		11.18-	116298	14 140		11.18-	115638	12 1.7
Tiguan 1.5 TSi	[DPBE]	08.19-	116193	14 140		08.19-	115900	12 1.1
		08.19-	116228	12 180		08.19-	115638	12 1.7
		08.19-	116298	14 140				



VW Continued

Tiguan 1.6 TDi	[DGDB]	05.16-	114322	14	140	05.16-	113773	12	1.1	
		05.16-	116647	14	140					
		05.16- 06.20	116717	14	140					
Tiguan 2.0 TDi	[CBAB]	09.07-	113992	14	140	09.07-	113773	12	1.1	A49
		09.07-	115433	14	140	09.07-	115539	12	2.0	
		09.07-	116036	14	140	09.07-	115402	12	1.8	
		09.07-	116452	14	140	11.08-	115560	12	1.7	
		A25 01.13-	116627	14	140	11.08-	116156	12	2.0	
	[CBBB]	09.07-	113992	14	140	09.07-	113773	12	1.1	
		09.07-	115433	14	140	09.07-	115560	12	1.7	
		09.07-	116036	14	140	09.07-	116720	12	1.4	
		09.07-	116452	14	140					
	[CBAA]	11.07-	113992	14	140	11.07-	113773	12	1.1	
		11.07-	115433	14	140	11.07-	115560	12	1.7	
		11.07-	116036	14	140	11.07-	116156	12	2.0	
		11.07-	116452	14	140					
	A25	01.13-	116627	14	140					
	[CFFA]	11.07-	113992	14	140	11.07-	113773	12	1.1	
		11.07-	115433	14	140	11.07-	115561	12	1.7	
		11.07-	116036	14	140	11.07-	115900	12	1.1	
		11.07-	116452	14	140					
	A25	11.12-	116627	14	140					
	[CFFB]	09.07-	113992	14	140	09.07-	113773	12	1.1	
		09.07-	115433	14	140	A25 09.07-	115561	12	1.7	
		09.07-	116036	14	140	09.07-	115900	12	1.1	
		09.07-	116452	14	140					
	A25	11.12-	116627	14	140					
	[CFFD]	05.10-	113992	14	140	05.10-	113773	12	1.1	
		05.10-	115433	14	140	05.10-	115560	12	1.7	
		05.10-	116036	14	140	05.10-	116097	12	2.0	
		05.10-	116452	14	140					
	A25	05.10- 07.18	116717	14	140					
	A25	05.13-	116627	14	140					
	[CFGB]	09.07-	113992	14	140	09.07-	113773	12	1.1	
		09.07-	115433	14	140	09.07-	115561	12	1.7	
		09.07-	116036	14	140	09.07-	115900	12	1.1	
		09.07-	116452	14	140					
	[CLJA]	09.07-	113992	14	140	09.07-	113773	12	1.1	
		09.07-	115433	14	140	DKG 09.07-	115561	12	1.7	
		09.07-	116036	14	140	09.07-	115900	12	1.1	
		09.07-	116452	14	140					
	A25	01.13-	116627	14	140					
	[CUVC]	05.15-	115898	14	140	05.15-	115402	12	1.8	
		05.15-	116359	14	140					
		05.15- 07.18	116717	14	140					
	[CYKC]	08.16-	115898	14	140	08.16-	115402	12	1.8	
		08.16-	116195	14	180	08.16-	115900	12	1.1	
		08.16-	116206	12	110					
		08.16-	116359	14	140					
	[DFGA]	01.16-	116647	14	140					
		01.16-	116717	14	140					
	[DFGC]	05.16-	116373	14	140					
		05.16-	116647	14	140					
		05.16- 07.19	116717	14	140					
	[DTRC]	06.20-	116384	14	180					
Tiguan 2.0 TDi 4 Motion	[CFGC]	11.12-	113992	14	140	11.12-	113773	12	1.1	
		11.12-	115433	14	140	11.12-	115561	12	1.7	
		11.12-	116036	14	140	11.12-	115900	12	1.1	
		11.12-	116452	14	140					
	A25	11.12-	116627	14	140					
	[CUAA]	05.16-	115898	14	140	05.16-	115402	12	1.8	
		05.16-	116359	14	140					
		05.16-	116717	14	140					
	[DFGA]	01.16-	116373	14	140					
		01.16-	116647	14	140					
		01.16-	116717	14	140					
	[DFHA]	04.16-	116373	14	140					
		04.16-	116647	14	140					
		04.16-	116717	14	140					
Tiguan 2.0 TDi 4motion	[CBBA]	02.08- 08.09	113992	14	140	02.08- 08.09	113773	12	1.1	
		02.08- 08.09	115433	14	140	02.08- 08.09	115560	12	1.7	
		02.08- 08.09	116036	14	140	02.08- 08.09	116097	12	2.0	
		02.08- 08.09	116452	14	140					
	[CUVC]	05.15-	115898	14	140	05.15-	115402	12	1.8	
		05.15-	116359	14	140					
		05.15- 07.18	116717	14	140					
	[CUWA]	05.15-	115898	14	140	05.15-	115402	12	1.8	
		05.15-	116359	14	140	05.15-	115638	12	1.7	
		05.15- 07.18	116717	14	140					
	[DTUA]	06.20-	116384	14	180					
Tiguan 2.0 TFSi	[CAWA]	09.07-	114722	14	140	09.07-	113773	12	1.1	
	[CAWB]	09.07-	114722	14	140	09.07-	113773	12	1.1	
	[CCCTA]	11.09-	114722	14	140	11.09-	113841	12	1.7	
	[CCZA]	09.07-	114722	14	140	09.07-	113841	12	1.7	
	[CCZC]	09.07-	114722	14	140	09.07-	113841	12	1.7	
	[CZPA]	01.16-	116747	14	180					
Tiguan 2.0 TSi 4 Motion	[CCZB]	05.11-	114722	14	140	05.11-	113841	12	1.7	
Tiguan 2.0 TSi 4motion	[CCZD]	05.11-	114722	14	140	05.11-	113841	12	1.7	
	[CHHB]	06.16-	115901	14	150	06.16-	115402	12	1.8	
		06.16-	116747	14	180					
	[DKTA]	09.18-	116387	14	140					
		09.18-	116747	14	180					
	[DKZA]	09.18-	116387	14	140					
		09.18-	116747	14	180					
	[DNLA]	09.18-	116387	14	140					
		09.18-	116747	14	180					
Tiguan 2.0 TSi 4motion	[DNPA]	09.20-	116386	14	140					
		09.20-	116387	14	140					
		09.20-	116747	14	180					



Tiguan 2.0 TSI R 4Motion	[DNFG]	11.20-	116747	14 180				
Tiguan Allspace 1.4 TSI	[CZDA]	04.17-	116229	12 180		04.17-	115900	12 1.1
		04.17-	116231	12 110		04.17-	115638	12 1.7
	[CZEA]	04.17-	116229	12 180		04.17-	115900	12 1.1
		04.17-	116231	12 110				
		06.17- 09.18	116193	14 140		A25 06.17- 09.18	115561	12 1.7
		06.17- 09.18	116228	12 180				
		06.17- 09.18	116298	14 140		06.17- 09.18	115638	12 1.7
Tiguan Allspace 2.0 TDI	[DFGA]	06.17-	114322	14 140		06.17-	115539	12 2.0 A49
		06.17-	116717	14 140				
Tiguan Allspace 2.0 TDI 4motion	[DBGC]	06.17-	116195	14 180		A25 and DKG 06.17-	115561	12 1.7
		06.17-	116206	12 110		06.17-	116156	12 2.0
		06.17-	116359	14 140				
		06.17-	116717	14 140				
	[DFGA]	06.17-	116195	14 180		A25 06.17-	115561	12 1.7
		06.17-	116206	12 110		A25 06.17-	115402	12 1.8
		06.17-	116359	14 140		06.17-	115638	12 1.7
		06.17-	116717	14 140				
	[DFHA]	06.17-	114322	14 140		A25 06.17-	115560	12 1.7
		06.17-	116717	14 140				
Tiguan Allspace 2.0 TSI 4motion	[CXDA]	07.17-	116386	14 140				
		07.17-	116747	14 180				
	[DGVA]	03.17-	116386	14 140				
		03.17-	116747	14 180				
Tiguan Van 1.4 TSI	[CAVA]	05.08- 05.10	114884	14 140		05.08- 05.10	113841	12 1.7
		A25 05.08- 05.10	116345	14 140		05.08- 05.10	115402	12 1.8
		A25 05.08- 05.10	116653	14 140		DKG 05.08- 05.10	115900	12 1.1
	[CAXA]	08.10- 05.11	116345	14 140		08.10- 05.11	115402	12 1.8
		08.10- 05.11	116653	14 140		08.10- 05.11	116156	12 2.0
	[CTHD]	09.12- 07.18	114884	14 140		09.12- 07.18	113841	12 1.7
		A25 09.12- 07.18	116345	14 140		09.12- 07.18	115402	12 1.8
		A25 09.12- 07.18	116653	14 140		DKG 09.12- 07.18	115900	12 1.1
Tiguan Van 1.4 TSI 4Motion	[CTHD]	09.12- 07.18	114884	14 140		09.12- 07.18	113841	12 1.7
		A25 09.12- 07.18	116345	14 140		DKG 09.12- 07.18	116156	12 2.0
		A25 09.12- 07.18	116653	14 140		DKG 09.12- 07.18	115900	12 1.1
Tiguan Van 2.0 TDI	[CFFB]	11.09- 07.18	113992	14 140		11.09- 07.18	113773	12 1.1
		A25 11.09- 07.18	115433	14 140		11.09- 07.18	115560	12 1.7
		A25 11.09- 07.18	116627	14 140		11.09- 07.18	115638	12 1.7
	[CFFD]	05.10- 07.11	113992	14 140		05.10- 07.11	113773	12 1.1
		A25 05.10- 07.11	115433	14 140		05.10- 07.11	115560	12 1.7
Tiguan Van 2.0 TDI 4Motion	[CFGB]	05.10- 05.13	113992	14 140		05.10- 05.13	113773	12 1.1
		A25 05.10- 05.13	115433	14 140		05.10- 05.13	115402	12 1.8
	[CFGC]	11.12- 07.18	113992	14 140		11.12- 07.18	113773	12 1.1
		A25 11.12- 07.18	115433	14 140		11.12- 07.18	115638	12 1.7
		A25 11.12- 07.18	116627	14 140		11.12- 07.18	115402	12 1.8
	[CLJA,CFFB,CBAB]	11.07- 07.18	113992	14 140		11.07- 07.18	113773	12 1.1
		A25 11.07- 07.18	115433	14 140		A25 11.07- 07.18	115402	12 1.8
Tiguan Van 2.0 TSI 4Motion	[CCZA]	11.09- 05.11	114722	14 140		11.09- 05.11	113841	12 1.7
	[CCZB]	05.11- 07.18	114722	14 140		05.11- 07.18	113841	12 1.7
	[CCZC]	11.09- 05.11	114722	14 140		11.09- 05.11	113773	12 1.1
Touareg 2.5 TDi	[BAC]	01.03-	113947	14 180		01.03-	115502	12 2.2 A49
	[BPE]	01.06-	113947	14 180		01.06-	115502	12 2.2 A49
Touareg 2.5 TDi R5	[BLK]	08.03-	113947	14 180		08.03-	115502	12 2.2 A49
	[BPD]	08.03-	113947	14 180		08.03-	115502	12 2.2 A49
Touareg 3.0 TDi	[BKS]	11.04-	114408	14 180		11.04-	115502	12 2.2 A49
	[BUN]	12.06-	114408	14 180		12.06-	115502	12 2.2 A49
	[CASB]	12.06-	114408	14 180		12.06-	114775	12 2.2
	[CASD]	01.10-	116147	14 180		01.10-	116039	12 1.7
		01.10- 03.18	116471	14 230		01.10- 03.18	116000	12 2.0
		01.10-	116515	14 220				
	[CATA]	11.04-	114408	14 180		11.04-	114775	12 2.2
	[CJGD]	05.11-	116147	14 180		05.11-	116039	12 1.7
	[CJMA]	01.10-	116147	14 180		01.10-	116039	12 1.7
		01.10- 03.18	116471	14 230		01.10-	116000	12 2.0
		01.10-	116515	14 220				
	[CRCA]	05.11-	116147	14 180		05.11-	116039	12 1.7
	[CVWA]	01.10-	116147	14 180		01.10-	116039	12 1.7
		01.10- 03.18	116471	14 230		01.10- 03.18	116000	12 2.0
		01.10-	116515	14 220				
Touareg 3.0 V6 TDi	[CASA]	11.07-	114408	14 180		11.07-	114775	12 2.2
		04.10-	116147	14 180		04.10-	114690	12 2.0
		04.10-	116515	14 220		04.10-	116000	12 2.0
	[CASC]	11.07-	114408	14 180		11.07-	114775	12 2.2
	[CATA]	06.10-	116147	14 180		06.10-	116039	12 1.7
		06.10-	116515	14 220		06.10-	116000	12 2.0
	[CNRB]	04.10-	116147	14 180		04.10-	116039	12 1.7
		04.10-	116515	14 220		04.10-	116000	12 2.0
Touareg 3.0 V6 TSi Hybrid	[CGEA]	04.10-	115918	14 180		04.10-	114775	12 2.2
	[CGFA]	04.10-	115918	14 180		04.10-	114775	12 2.2
Touareg 3.2 V6	[AZZ]	10.02-	116173	14 150		10.02-	114775	12 2.2
	[BKJ]	10.02-	116173	14 150		10.02-	114775	12 2.2
	[BMV]	10.02-	116173	14 150		Chas. -7L7200000 10.02-	114690	12 2.0
						11.04-	114723	12 2.2
	[BMX]	10.02-	116173	14 150		10.02-	114690	12 2.0
	[BRJ]	10.02-	116173	14 150		10.02-	114690	12 2.0
Touareg 3.6 FSi V6	[BHK]	03.06-	116173	14 150		03.06-	114723	12 2.2
	[BHL]	03.06-	116173	14 150		03.06-	114723	12 2.2
Touareg 4.2 V8	[AXQ]	12.02-	113884	14 150		12.02-	115502	12 2.2 A49
						12.02-	115744	12 1.7
	[BHX]	12.02-	113884	14 150		12.02-	115502	12 2.2 A49
						12.02-	115744	12 1.7
Touareg 5.0 TDi	[AYH]					10.02-	115744	12 1.7
	[BLE]					10.02-	115744	12 1.7
	[BWF]					10.02-	115744	12 1.7
Touareg Van 3.0 TDi 4Motion	[CRCA]	05.11- 12.14	116147	14 180		05.11- 12.14	114775	12 2.2
		05.11- 12.14	116471	14 230		05.11- 12.14	116000	12 2.0
Touran 1.2 TSI	[CYVB]	09.15-	116619	14 110		09.15-	116156	12 2.0



VW Continued

Touran 1.4 TSI EcoFuel	[CDGA]	05.10-	115528	14 140 A49	AT	05.10-	115333	12 1.0
		05.10-	116345	14 140		05.10-	114854	12 2.5
		05.10-	116586	14 140		05.10-	116156	12 2.0
						05.10-	115612	12 1.2
Touran 1.4 FSi	[BLG]	12.06-	114769	14 110		12.06-	113841	12 1.7
Touran 1.4 TSI	[CAVB]	05.10-	115528	14 140 A49		05.10-	115336	12 2.2
		05.10-	116345	14 140		05.10-	114175	12 1.1
						05.10-	115612	12 1.2
	[CAVC]	05.10-	114884	14 140	A25	05.10-	113841	12 1.7
		05.10-	115528	14 140 A49		05.10-	115336	12 2.2
		05.10-	116345	14 140		05.10-	114299	12 1.7
	[CTHB]	05.10-	115528	14 140 A49	AT	05.10-	115333	12 1.0
		05.10-	116345	14 140		05.10-	114299	12 1.7
						05.10-	115612	12 1.2
	[CTHC]	05.10-	114884	14 140	A25	05.10-	113842	12 1.7
		05.10-	115528	14 140 A49		05.10-	115336	12 2.2
		05.10-	116345	14 140		05.10-	114175	12 1.1
	[CZDA]	05.10-	115612	12 1.2		05.10-	115612	12 1.2
		09.15-	116619	14 110		09.15-	115818	12 1.1
						09.15-	115612	12 1.2
Touran 1.6 TDi	[CAYB]	05.10-	115433	14 140		05.10-	115561	12 1.7
		05.10-	116036	14 140		05.10-	115508	12 1.7 A49
		05.10-	116452	14 140		05.10-	114163	12 1.1
	[CAYC]	05.10-	115433	14 140		05.10-	115402	12 1.8
		05.10-	116036	14 140		05.10-	115508	12 1.7 A49
		05.10-	116452	14 140		05.10-	114163	12 1.1
	[CRKB]	05.15- 05.16	116717	14 140		05.15- 05.16	115645	12 2.0
		09.15-	115898	14 140		09.15-	115504	12 1.1 A49
		09.15-	116359	14 140		09.15-	114175	12 1.1
	[DGDA]	05.16-	116373	14 140		05.16-	114163	12 1.1
		05.16-	116647	14 140		05.16-	115638	12 1.7
		05.16-	116717	14 140		05.16-	115611	12 1.1
Touran 1.6	[BGU]	07.03-	113992	14 140	AT	07.03-	113509	12 1.7
	[BSE]	07.03-	113992	14 140	AT	07.03-	111909	12 1.1
	[BSF]	07.03-	113992	14 140		07.03-	111909	12 1.1
Touran 1.6 FSi	[BAG]	02.03-	114769	14 110		02.03-	113841	12 1.7
	[BLF]	02.03-	114769	14 110		02.03-	113841	12 1.7
	[BLP]	02.03-	114769	14 110		02.03-	113841	12 1.7
Touran 1.6 Bifuel BiFuel	[BSF]	11.06- 05.10	113992	14 140		11.06- 05.10	113841	12 1.7
		11.06- 05.10	115621	14 110		11.06- 05.10	115504	12 1.1 A49
Touran 1.8 TSi	[CJSA]	11.15-	116747	14 180	AT	11.15-	115611	12 1.1
Touran 1.9 TDi	[AVQ]	02.03-	113992	14 140	AT	02.03-	111909	12 1.1
	[BKC]	08.03-	113992	14 140		08.03-	111909	12 1.1
		08.03-	115370	14 110		08.03-	113842	12 1.7
	[BLS]	11.06- 05.10	113992	14 140		11.06- 05.10	113773	12 1.1
		11.06- 05.10	115370	14 110		DKG 11.06- 05.10	115539	12 2.0 A49
	[BRU]	11.04- 06.06	113992	14 140	AT	11.04- 06.06	113509	12 1.7
		11.04- 06.06	115370	14 110		11.04- 06.06	113842	12 1.7
	[BXE]	02.06-	113992	14 140		02.06-	113773	12 1.1
		02.06-	115370	14 110		02.06-	113842	12 1.7
	[BXF]	11.04- 05.10	113992	14 140		11.04- 05.10	113773	12 1.1
		11.04- 05.10	115370	14 110		11.04- 05.10	115561	12 1.7
	[BXJ]	06.06-	113992	14 140		06.06-	113773	12 1.1
		06.06-	115370	14 110		06.06-	115539	12 2.0 A49
Touran 2.0 TDi 16V	[BKD]	08.03-	113992	14 140	AT	08.03-	113509	12 1.7
		08.03-	115370	14 110		08.03-	113842	12 1.7
Touran 2.0 TDi	[AZV]	02.03-	113992	14 140	AT	02.03-	111909	12 1.1
	[BMM]	12.05-	113992	14 140		12.05-	113773	12 1.1
		12.05-	115370	14 110		12.05-	113842	12 1.7
	[BMN]	12.05-	113992	14 140		12.05-	113773	12 1.1
		12.05-	115370	14 110		12.05-	113842	12 1.7
	[CFHC]	05.10-	115433	14 140	DKG	05.10-	115376	12 1.8
		05.10-	116036	14 140		05.10-	115508	12 1.7 A49
		05.10-	116452	14 140		05.10-	114163	12 1.1
	[CFHF]	05.10-	115433	14 140		05.10-	115311	12 2.0
		05.10-	116036	14 140		05.10-	115508	12 1.7 A49
		05.10-	116452	14 140		05.10-	114163	12 1.1
	[CFJA]	12.05- 05.10	113992	14 140		12.05- 05.10	113773	12 1.1
		12.05- 05.10	115370	14 110		12.05- 05.10	115561	12 1.7
		05.10-	115433	14 140		05.10-	115402	12 1.8
		05.10-	116036	14 140		05.10-	115508	12 1.7 A49
		05.10-	116452	14 140		05.10-	114163	12 1.1
	[CFJB]	01.13-	115433	14 140		01.13-	115311	12 2.0
		01.13-	116036	14 140		01.13-	115508	12 1.7 A49
		01.13-	116452	14 140		01.13-	114163	12 1.1
	[CLCA]	05.10-	115433	14 140		05.10-	115402	12 1.8
		05.10-	116036	14 140		05.10-	115508	12 1.7 A49
		05.10-	116452	14 140		05.10-	114163	12 1.1
	[CRVA]	11.15-	115898	14 140		11.15-	115504	12 1.1 A49
		11.15-	116359	14 140		11.15-	114175	12 1.1
		11.15-	116373	14 140		11.15-	115634	12 1.8
		11.15-	116647	14 140		11.15-	115638	12 1.7
		11.15-	116717	14 140				
	[CYKB]	11.15-	115898	14 140		11.15-	115504	12 1.1 A49
		11.15-	116359	14 140		11.15-	114175	12 1.1
		11.15-	116373	14 140		11.15-	114163	12 1.1
		11.15-	116647	14 140		11.15-	115638	12 1.7
		11.15-	116717	14 140		11.15-	115610	12 2.0
	[DFEA]	05.15-	116717	14 140		05.15-	115610	12 2.0
		09.15-	115898	14 140		09.15-	115504	12 1.1 A49
		09.15-	116359	14 140		09.15-	114175	12 1.1
		09.15-	116373	14 140		09.15-	114163	12 1.1
		09.15-	116647	14 140		09.15-	115638	12 1.7
	[DFHA]	11.15-	115898	14 140		11.15-	115504	12 1.1 A49
		11.15-	116359	14 140		11.15-	114175	12 1.1
		11.15-	116373	14 140		11.15-	115696	12 1.1
		11.15-	116647	14 140		11.15- 07.19	115638	12 1.7
		11.15- 07.19	116717	14 140				
Touran 2.0 FSi	[AXW]	10.03-	113992	14 140	AT	10.03-	113509	12 1.7



	[BLR]	10.03-	113992	14 140		10.03-	113773	12 1.1
	[BLX]	10.03-	113992	14 140		AT 10.03-	113509	12 1.7
	[BLY]	10.03-	113992	14 140		AT 10.03-	111909	12 1.1
	[BVY]	10.03-	113992	14 140		10.03-	113773	12 1.1
	[BVZ]	10.03-	113992	14 140		10.03-	113773	12 1.1
Touran 2.0 TSi	[CJKB]	04.15-	116747	14 180		Tiptronic 04.15-	115611	12 1.1
Touran 2.0 EcoFuel	[BSX]	02.06-	113992	14 140		02.06-	113773	12 1.1
Touran Van 1.2 TSi	[CBZB]	05.10- 05.15	115767	14 140		05.10- 05.15	114175	12 1.1
						05.10- 05.15	115645	12 2.0
Touran Van 1.4 TSi	[CTHB,CAVB]	05.10- 05.15	116345	14 140		05.10- 05.15	114175	12 1.1
		05.10- 05.15	116653	14 140		DKG 05.10- 05.15	116156	12 2.0
						05.10- 05.15	115612	12 1.2
	[CTHC,CAVC]	05.10- 05.15	114884	14 140		05.10- 05.15	113842	12 1.7
		05.10- 05.15	116345	14 140		05.10- 05.15	114163	12 1.1
		05.10- 05.15	116653	14 140		05.10- 05.15	116156	12 2.0
					For vehicles with DKG	05.10- 05.15	115612	12 1.2
Touran Van 1.4 TSi Ecofuel	[CDGA]	05.10- 05.15	116345	14 140		05.10- 05.15	114163	12 1.1
		05.10- 05.15	116586	14 140		A25 05.10- 05.15	116156	12 2.0
					For vehicles with DKG	05.10- 05.15	115612	12 1.2
Touran Van 1.6 TDi	[CAYB]	05.10- 05.15	115433	14 140		DKG 05.10- 05.15	115311	12 2.0
	[CAYC]	05.10- 05.15	115433	14 140		A25 05.10- 05.15	115336	12 2.2
					For vehicles with DKG	05.10- 05.15	115634	12 1.8
					A25 and DKG	05.10- 05.15	115610	12 2.0
Touran Van 1.6 FSi	[BLF,BAG,BLP]	02.03- 11.06	114769	14 110		02.03- 11.06	113841	12 1.7
		02.03- 11.06	114884	14 140		02.03- 11.06	113842	12 1.7
Touran Van 1.9 TDi	[AVQ]	10.03- 05.05	113992	14 140		AT 10.03- 05.05	113509	12 1.7
		10.03- 05.05	115370	14 110		10.03- 05.05	113842	12 1.7
	[BKC,BXE]	08.03- 11.06	113992	14 140		AT 08.03- 11.06	113773	12 1.1
		08.03- 11.06	115370	14 110		08.03- 11.06	115539	12 2.0 A49
	[BXF,BRU,BXJ]	11.04- 05.10	113992	14 140		AT 11.04- 05.10	113773	12 1.1
		11.04- 05.10	115370	14 110		11.04- 05.10	115402	12 1.8
Touran Van 2.0 TDi	[AZV]	02.03- 05.10	113992	14 140		02.03- 05.10	113841	12 1.7
		02.03- 05.10	115370	14 110		02.03- 05.10	115402	12 1.8
	[BKD]	08.03- 05.10	113992	14 140		08.03- 05.10	113841	12 1.7
		08.03- 05.10	115370	14 110		AT 08.03- 05.10	115311	12 2.0
	[BMM]	12.05- 05.10	113992	14 140		12.05- 05.10	113841	12 1.7
		12.05- 05.10	115370	14 110		AT 12.05- 05.10	115311	12 2.0
	[CFHC]	05.10- 05.15	115433	14 140		05.10- 05.15	114299	12 1.7
						05.10- 05.15	115638	12 1.7
	[CFJA]	05.10- 01.13	115433	14 140		A25 05.10- 01.13	115336	12 2.2
						05.10- 01.13	115638	12 1.7
	[DTRC]	11.20-	116384	14 180		11.20-	114163	12 1.1
	[DTSB]	11.20-	116384	14 180		11.20-	114163	12 1.1
Touran Van 2.0 FSi	[BLY,BLR,BVY,BLX,BVZ]	05.04- 01.07	113992	14 140		AT 05.04- 01.07	113509	12 1.7
		05.04- 01.07	115621	14 110		05.04- 01.07	114175	12 1.1
Touran Van 2.0 Ecofuel	[BSX]	02.06- 11.06	113992	14 140		AT 02.06- 11.06	113509	12 1.7
		02.06- 11.06	115621	14 110		02.06- 11.06	114299	12 1.7
Transporter 1.6 Diesel T3	[CS]	01.81- 06.81	110360	14 45		01.81- 06.81	110858	12 0.7
		01.81- 07.84	110913	14 70				
		01.81- 07.85	112729	14 90		01.81- 07.85	113678	12 2.2
		08.85- 07.87	112765	14 90	Change pulley	08.85- 07.87	113841	12 1.7
		12.85- 07.87	111287	14 70		AT 12.85- 07.87	111060	12 1.7
Transporter 1.6 TD T3	[JX]	08.84- 07.85	112729	14 90		08.84- 07.85	113678	12 2.2
		08.85- 07.92	112765	14 90	Change pulley	08.85- 07.92	113841	12 1.7
		12.85- 07.92	111287	14 70		12.85- 07.92	110858	12 0.7
						12.85- 07.92	111059	12 0.9
Transporter 1.6 TD T3 Syncro	[JX]	03.86- 07.92	111287	14 70		AT 03.86- 07.92	111059	12 0.9
						03.86- 07.92	110858	12 0.7
		03.86- 07.92	112729	14 90		03.86- 07.92	113678	12 2.2
		03.86- 07.92	112765	14 90	Change pulley	03.86- 07.92	113841	12 1.7
Transporter 1.6 T2	[AD]	08.74- 03.79	111096	14 51		08.74- 03.79	110858	12 0.7
	[AE]	08.70- 04.79	111096	14 51		08.70- 04.79	110858	12 0.7
	[AF]	08.74- 04.79	111096	14 51		08.74- 04.79	110858	12 0.7
	[AH]	08.74- 04.79	111096	14 51		08.74- 04.79	110858	12 0.7
	[AS]	08.74- 03.79	111096	14 51		08.74- 03.79	110858	12 0.7
Transporter 1.7 Diesel T3	[KY]	10.86- 07.92	111287	14 70		AT 10.86- 07.92	111059	12 0.9
		10.86- 07.92	112729	14 90		10.86- 07.92	113678	12 2.2
		10.86- 07.92	112765	14 90	Change pulley	10.86- 07.92	113841	12 1.7
						AT 10.86- 07.92	111060	12 1.7
						10.86- 07.92	110858	12 0.7
Transporter 1.9 Diesel T4	[1X]	09.90- 07.92	111154	14 65		09.90- 07.92	110858	12 0.7
		09.90- 07.92	112799	14 100		08.92- 04.97	111061	12 0.8
		08.92- 04.97	111352	14 70		09.90- 07.92	113841	12 1.7
		08.92- 04.97	111479	14 90		AT 08.92- 04.97	111060	12 1.7
Transporter 1.9 TD T4	[ABL]	10.92-	111352	14 70		10.92-	111061	12 0.8
		10.92-	111479	14 90		AT 10.92-	111060	12 1.7
		01.99-	113406	14 90		01.99-	113842	12 1.7
		AC 10.92-	111477	14 90				
Transporter 1.9 TDi T5	[AXB]	04.03-	112002	14 120 A47		04.03-	113387	12 2.0
		04.03-	112079	14 90 A47		04.03-	115638	12 1.7
		04.03-	113992	14 140				
		04.03-	114789	14 90 A49				
		04.03-	115483	14 120 A49				
	[AXC]	04.03-	112002	14 120 A47		04.03-	115638	12 1.7
		04.03-	112079	14 90 A47		Chas. 70-S-059839- 04.03-	113387	12 2.0
		04.03-	113992	14 140				
		04.03-	114789	14 90 A49				
		04.03-	115483	14 120 A49				
	[BRR]	01.06-	112002	14 120 A47		01.06-	113387	12 2.0
		01.06-	112079	14 90 A47		01.06-	115638	12 1.7
		01.06-	113992	14 140				
		01.06-	114789	14 90 A49				
		01.06-	115483	14 120 A49				
	[BRS]	06.06-	112002	14 120 A47		06.06-	113387	12 2.0
		06.06-	112079	14 90 A47		06.06-	115638	12 1.7
		06.06-	113992	14 140				
		06.06-	114789	14 90 A49				
		06.06-	115483	14 120 A49				



VW Continued

Transporter 1.9 T3	[DF]	08.82- 07.85	111653	14	45	08.82- 07.85	111061	12	0.8
	[DG]	08.82- 07.85	111653	14	45	08.82- 07.85	111061	12	0.8
	[DH]	01.83- 07.85	111653	14	45	01.83- 07.85	111061	12	0.8
	[GW]	08.83- 02.89	111653	14	45	08.83- 02.89	111061	12	0.8
Transporter 1.9 T3 Syncro	[DG]	11.84- 07.85	111653	14	45	11.84- 07.85	111061	12	0.8
Transporter 2.0 BITDI T5	[CFCA]	09.09-	114697	14	180				
		09.09-	115707	14	110				
		09.09-	115730	14	140				
		09.09- 08.15	116717	14	140				
Transporter 2.0 BITDI T5 4 Motion	[CFCA]	09.09-	114697	14	180				
		09.09-	115707	14	110				
		09.09-	115730	14	140				
		09.09- 08.15	116717	14	140				
		A25 09.09- 08.15	116195	14	180				
Transporter 2.0 TDi	[CCHB]	05.10-	115707	14	110				
		05.10- 08.15	116717	14	140				
	[CXEB]	05.16-	115898	14	140				
		05.16-	116359	14	140				
		05.16-	116717	14	140				
	[CXHB]	05.16-	115898	14	140				
		05.16-	116195	14	180				
		05.16-	116359	14	140				
		05.16-	116576	14	180				
		05.16-	116717	14	140				
	[CAAD]	05.11-	115707	14	110				
		05.11- 08.15	116717	14	140				
	[CAAE]	05.10-	115707	14	110				
		05.10- 08.15	116717	14	140				
Transporter 2.0 TDi 4motion	[CCHB]	05.10-	115707	14	110				
		05.10-	115730	14	140				
		05.10- 08.15	116717	14	140				
	[CXEB]	05.16-	115898	14	140				
		05.16-	116359	14	140				
		05.16-	116717	14	140				
	[CXEC]	08.18-	115898	14	140				
		08.18-	116195	14	180				
		08.18-	116359	14	140				
	[CXHA]	05.16-	115898	14	140				
		05.16-	116195	14	180				
		05.16-	116359	14	140				
		05.16-	116576	14	180				
		05.16-	116717	14	140				
	[CAAE]	05.10-	115707	14	110				
		05.10-	115730	14	140				
		05.10- 08.15	116717	14	140				
Transporter 2.0 TDi T5	[CCHA]	09.09-	114697	14	180				
		09.09-	115707	14	110				
		09.09-	115730	14	140				
		09.09- 08.15	116717	14	140				
	[CCHB]	05.10-	114697	14	180				
		05.10-	115707	14	110				
		05.10- 08.15	116717	14	140				
	[CAAA]	09.09-	114697	14	180	09.09-	115638	12	1.7
		09.09-	115707	14	110				
		09.09-	115730	14	140				
		09.09- 08.15	116717	14	140				
	[CAAB]	09.09-	114697	14	180	09.09-	115638	12	1.7
		09.09-	115707	14	110				
		09.09-	115730	14	140				
		09.09- 08.15	116717	14	140				
	[CAAC]	09.09-	114697	14	180	09.09-	115638	12	1.7
		09.09-	115707	14	110				
		09.09-	115730	14	140				
	[CAAE]	09.09- 08.15	116717	14	140				
		05.10-	114697	14	180				
		05.10-	115707	14	110				
Transporter 2.0 TDi T5 4 Motion	[CCHA]	09.09-	114697	14	180				
		09.09-	115707	14	110				
		09.09-	115730	14	140				
		09.09- 08.15	116717	14	140				
	[CCHB]	05.10-	114697	14	180				
		05.10-	115707	14	110				
		05.10-	115730	14	140				
		05.10- 08.15	116717	14	140				
	[CAAC]	09.09-	114697	14	180	A25 09.09-	115638	12	1.7
		09.09-	115707	14	110				
		09.09-	115730	14	140				
		09.09- 08.15	116717	14	140				
	[CAAE]	05.10-	114697	14	180				
		05.10-	115707	14	110				
		05.10-	115730	14	140				
		05.10- 08.15	116717	14	140				
Transporter 2.0 T4	[AAC]	07.90-	112149	14	65	01.99-	113842	12	1.7
		08.92-	111479	14	90	07.90-	113678	12	2.2
		08.98-	112274	14	90	07.90-	111060	12	1.7
		01.99-	113406	14	90	08.92-	111061	12	0.8
		AC 07.90-	111477	14	90				
		A20 07.90- 09.91	111676	14	90				
		04.03-	112002	14	120 A47	04.03-	113387	12	2.0
		04.03-	113992	14	140	04.03-	115638	12	1.7
Transporter 2.0 T5	[AXA]	04.03-	115483	14	120 A49				
		05.11- 08.15	115621	14	110				
	[AJA]	08.97- 08.98	111898	14	120	08.97- 08.98	111069	12	1.7
		08.97- 08.98	111899	14	90	08.97- 08.98	112167	12	1.8
		09.90- 07.92	112765	14	90 Change pulley	09.90- 07.92	113841	12	1.7
		07.92- 01.95	112799	14	100 Change pulley				
Transporter 2.4 Diesel T4	[AAB]	01.96-	111898	14	120	01.96-	111061	12	0.8
		01.96-	111899	14	90	AT 01.96-	112286	12	1.7



Transporter 2.4 Diesel T4 Syncro	[AAB]	01.96- 10.98	111898	14 120	AT	01.96- 10.98	112444	12 2.0	A49
		01.96- 10.98	111899	14 90		01.96-	112286	12 1.7	
		11.92- 01.95	112765	14 90		11.92- 01.95	113678	12 2.2	
		11.92- 01.95	112799	14 100		01.96- 10.98	111061	12 0.8	
		11.98-	112043	14 90		01.96-	111069	12 1.7	
Transporter 2.5 TD T4	[AJT]	05.98- 10.98	111898	14 120		05.98- 10.98	111069	12 1.7	
		05.98- 04.03	111899	14 90		05.98- 04.03	112167	12 1.8	
		05.98-	112043	14 90		05.98-	113387	12 2.0	
		05.98- 06.03	113754	14 120		05.98- 06.03	113847	12 0.95	
		05.98- 04.03	113884	14 150		05.98- 04.03	115507	12 2.2	
	[AAY]	10.01- 06.03	113754	14 120		10.01- 06.03	113847	12 0.95	
		05.98- 04.03	111899	14 90		05.98- 04.03	112167	12 1.8	
		05.98-	112043	14 90		05.98-	113387	12 2.0	
		05.98- 04.03	113884	14 150		05.98- 04.03	115508	12 1.7	
		05.98- 04.03	113884	14 150		05.98- 04.03	115508	12 1.7	
Transporter 2.5 TDi T4	[ACV]	01.95- 08.98	111898	14 120	AT	01.95- 08.98	111069	12 1.7	
		01.95- 08.98	111899	14 90		01.95- 08.98	112286	12 1.7	
		01.98- 04.03	113888	14 90		09.95- 08.98	112167	12 1.8	
		08.98-	112043	14 90		09.95- 04.03	113842	12 1.7	
		09.95- 04.03	113754	14 120		09.95- 04.03	115507	12 2.2	
		09.95- 04.03	113884	14 150		01.96- 08.98	111061	12 0.8	
		09.95- 04.03	113884	14 150		01.98- 04.03	114299	12 1.7	
		09.95- 04.03	113884	14 150		03.98- 06.03	113847	12 0.95	
		09.95- 04.03	113884	14 150		08.98-	113387	12 2.0	
		09.95- 04.03	113884	14 150		09.95- 04.03	115508	12 1.7	
	[AHY]	05.98-	112043	14 90		05.98-	113387	12 2.0	
	[AJT]	05.98- 09.00	113754	14 120		05.98- 09.00	113847	12 0.95	
		05.98- 08.98	111898	14 120		05.98- 08.98	111069	12 1.7	
		05.98- 08.98	111899	14 90		05.98- 08.98	112167	12 1.8	
		05.98- 06.03	113754	14 120		05.98- 06.03	113847	12 0.95	
		05.98- 04.03	113884	14 150		05.98- 04.03	115507	12 2.2	A49
	[AUF]	08.98-	112043	14 90		08.98-	113387	12 2.0	
		09.95- 04.03	113754	14 120		09.95- 04.03	113847	12 0.95	
	[AXG]	09.95- 04.03	113884	14 150		09.95- 04.03	115507	12 2.2	A49
		09.95- 04.03	113884	14 150		09.95- 04.03	115507	12 2.2	A49
	[AYC]	09.00- 06.03	112043	14 90		09.00- 06.03	113387	12 2.0	
		09.00- 06.03	113754	14 120		09.00- 06.03	113847	12 0.95	
	[AYY]	04.01- 06.03	113754	14 120	DKG	04.01- 06.03	113847	12 0.95	
		09.95- 04.03	113884	14 150		09.95- 04.03	115539	12 2.0	
Transporter 2.5 TDi T4 Syncro	[ACV]	09.95- 04.03	115508	12 2.0		09.95- 04.03	115508	12 2.0	
		10.01- 06.03	112043	14 90		10.01- 06.03	113387	12 2.0	
		10.01- 06.03	113754	14 120		10.01- 06.03	113847	12 0.95	
		05.98- 08.98	111899	14 90		05.98- 08.98	112167	12 1.8	
		05.98- 04.03	113884	14 150		05.98- 04.03	115508	12 1.7	A49
		08.98-	112043	14 90		08.98-	113387	12 2.0	
		09.95- 08.98	111898	14 120		09.95- 08.98	111069	12 1.7	
		09.95- 08.98	111899	14 90		09.95- 08.98	112167	12 1.8	
		09.95- 08.98	111899	14 90		09.95- 04.03	113847	12 0.95	
		09.95- 04.03	113754	14 120		09.95- 04.03	115507	12 2.2	A49
		09.95- 04.03	113884	14 150		03.98- 10.98	110363	12 0.7	
Transporter 2.5 TDi T5	[AXL]	05.98- 04.03	113884	14 150		05.98- 04.03	115508	12 1.7	A49
		03.98- 10.98	111898	14 120	DKG	09.95- 08.98	112167	12 1.8	
		08.98-	112043	14 90		09.95- 04.03	115539	12 2.0	VA A49
		09.95- 08.98	111899	14 90		09.95- 04.03	115508	12 1.7	A49
		09.95- 04.03	113754	14 120		03.98- 10.98	110363	12 0.7	
		09.95- 04.03	113884	14 150		05.98-	113847	12 0.95	
		09.95- 04.03	113884	14 150		08.98-	113677	12 1.1	
		09.95- 04.03	113884	14 150		10.98- 06.03	113387	12 2.0	
		04.03- 11.09	113947	14 180		04.03- 11.09	114299	12 1.7	
		04.03-	113947	14 180		04.03-	114163	12 1.1	
Transporter 2.5 TDi T5 4 Motion	[AXD]	04.03-	113947	14 180	A25	04.03-	114299	12 1.7	
		04.03-	113947	14 180		04.03-	114163	12 1.1	
		04.03-	113947	14 180		04.03-	114299	12 1.7	
		04.03-	113947	14 180		04.03-	114163	12 1.1	
	[AXE]	04.03-	113947	14 180		04.03-	114163	12 1.1	
		04.03-	113947	14 180		04.03-	114163	12 1.1	
		04.03-	113947	14 180		04.03-	114163	12 1.1	
		04.03-	113947	14 180		04.03-	114163	12 1.1	
Transporter 2.5 TDi T5 4 Motion	[AXD]	07.04-	113947	14 180		07.04-	116156	12 2.0	
		07.04-	113947	14 180		07.04-	116156	12 2.0	
		07.04-	113947	14 180		07.04-	116156	12 2.0	
		07.04-	113947	14 180		07.04-	116156	12 2.0	
	[AXE]	04.04-	113947	14 180	DKG	04.04-	116156	12 2.0	
		04.04-	113947	14 180		04.04-	116156	12 2.0	
		04.04-	113947	14 180		04.04-	116156	12 2.0	
		04.04-	113947	14 180		04.04-	116156	12 2.0	
Transporter 2.5 T4	[ACU]	01.94- 12.95	111477	14 90	AT	10.91- 12.95	111060	12 1.7	A49
		10.91- 12.95	111353	14 70		11.90- 03.04	115507	12 2.2	
		11.90- 03.04	113754	14 120		01.96- 10.96	112052	12 2.2	
		12.95- 10.96	111898	14 120		11.90- 04.03	115402	12 1.8	
		12.95- 10.96	111899	14 90		12.95- 10.96	110363	12 0.7	
		12.95- 10.96	111899	14 90		12.95- 10.96	112167	12 1.8	
	[AEN]	01.94- 12.95	111477	14 90	AT	10.91- 12.95	111060	12 1.7	A49
		10.91- 12.95	111353	14 70		11.90- 03.04	115507	12 2.2	
		10.98-	112043	14 90		01.96- 10.96	112052	12 2.2	
		11.90- 03.04	113754	14 120		10.98-	113678	12 2.2	
		12.95- 10.96	111898	14 120		11.90- 04.03	115336	12 2.2	
		12.95- 10.96	111899	14 90		12.95- 10.96	110363	12 0.7	
	[AET]	08.96- 08.98	111898	14 120	AT	08.96- 08.98	111061	12 0.8	
		08.96- 08.98	111899	14 90		08.96- 08.98	112286	12 1.7	
		08.96- 06.03	113754	14 120		08.96- 06.03	113842	12 1.7	
		08.98-	112043	14 90		08.98-	113387	12 2.0	
	[AEU]	08.96- 06.03	111898	14 120		11.90- 04.03	112167	12 1.8	
		10.98-	112043	14 90		11.90- 04.03	115336	12 2.2	
		11.90- 04.03	111899	14 90		08.96- 06.03	110363	12 0.7	
		11.90- 04.03	113754	14 120		08.96- 11.01	115402	12 1.8	
Transporter 2.5 T4	[APL]	05.99- 12.99	113754	14 120		05.99- 12.99	113847	12 0.95	
		05.99- 12.99	113754	14 120		05.99- 12.99	113847	12 0.95	

VW Continued

Transporter 2.5 T4 Syncro	[AVT]	08.96- 08.98	111898	14 120	AT	08.96- 08.98	110996	12 1.7	A49
		08.96- 08.98	111899	14 90		08.96- 08.98	112167	12 1.8	
		08.98-	112043	14 90		08.98-	113387	12 2.0	
		12.99- 06.03	113754	14 120	DKG	12.99- 06.03	115539	12 2.0	VA A49
						12.99- 06.03	113847	12 0.95	
	[AAF]	10.91- 12.93	111353	14 70		11.90- 04.03	112052	12 2.2	
		10.91- 12.93	111477	14 90		11.90- 04.03	112167	12 1.8	
		11.90- 04.03	111899	14 90		11.90- 09.91	113841	12 1.7	
		11.90- 09.91	112765	14 90	Change pulley	11.90- 03.04	115507	12 2.2	A49
		11.90- 03.04	113754	14 120		11.90- 04.03	115402	12 1.8	
	[ACU]	01.94- 01.95	111353	14 70	AT	10.91- 12.93	111060	12 1.7	
		01.94- 01.95	111477	14 90	DKG	10.92- 04.03	115336	12 2.2	
		10.92- 04.03	113754	14 120		11.92- 04.03	115539	12 2.0	
		12.95- 10.96	111898	14 120	AT	01.96- 10.96	112444	12 2.0	A49
		12.95- 10.96	111899	14 90		01.94- 01.95	111060	12 1.7	
						12.95- 10.96	110363	12 0.7	
						12.95- 10.96	112052	12 2.2	
						01.96- 10.96	112167	12 1.8	
						01.96- 10.96	113387	12 2.0	
	[AEN]	09.95- 12.95	111898	14 120		09.95- 12.95	110363	12 0.7	
		09.95- 12.95	111899	14 90		09.95- 12.95	112167	12 1.8	
		09.95- 12.95	113754	14 120		09.95- 12.95	115507	12 2.2	A49
		10.98-	112043	14 90		09.95- 12.95	115539	12 2.0	A49
						06.97- 10.98	112444	12 2.0	A49
						06.97- 10.98	113387	12 2.0	
						10.98-	113678	12 2.2	
Chas. -70-X-075000	[AET]	07.96- 04.03	111899	14 90	AT	07.96- 04.03	112286	12 1.7	
		07.96- 04.03	113754	14 120		07.96- 04.03	113842	12 1.7	
		08.96- 10.98	111898	14 120		08.96- 10.98	111069	12 1.7	
		10.98-	112043	14 90		10.98-	113387	12 2.0	
						07.96- 06.03	111061	12 0.8	
	[AEU]	10.92- 11.01	111898	14 120		10.92- 11.01	112444	12 2.0	A49
		10.92- 04.03	111899	14 90		10.92- 04.03	113387	12 2.0	
		10.92- 04.03	113754	14 120		10.92- 04.03	115507	12 2.2	A49
		11.98- 11.01	112043	14 90	A25	11.92- 04.03	115539	12 2.0	A49
						06.97- 10.98	110363	12 0.7	
						06.97- 10.98	112167	12 1.8	
						11.98- 11.01	113678	12 2.2	
						11.98-	113677	12 1.1	
	[APL]	07.96- 04.03	111899	14 90		07.96- 04.03	112167	12 1.8	
		07.96- 04.03	113754	14 120		07.96- 04.03	113847	12 0.95	
		05.99- 06.03	112043	14 90		05.99- 06.03	113387	12 2.0	
	[AVT]	07.96- 04.03	111899	14 90	AT	07.96- 04.03	112286	12 1.7	
		07.96- 04.03	113754	14 120		07.96- 04.03	113842	12 1.7	
		12.99- 06.03	112043	14 90		08.96- 04.03	112167	12 1.8	
						08.96- 03.04	113847	12 0.95	
						12.99- 06.03	113387	12 2.0	
						12.99- 06.03	113677	12 1.1	
Transporter 2.8 V6 T4	[AAF]	10.92- 04.03	111899	14 90	AT	11.92- 12.93	111060	12 1.7	
		10.92- 04.03	113754	14 120		11.92- 04.03	112167	12 1.8	
		11.92- 12.93	111353	14 70		10.92- 04.03	113387	12 2.0	
		11.92- 12.93	111477	14 90		10.92- 04.03	112052	12 2.2	
						10.92- 04.03	115336	12 2.2	
Transporter 2.8 VR6 T4	[AMV]	04.00- 04.03	113884	14 150		04.00- 04.03	115507	12 2.2	A49
		05.00- 06.03	113885	14 150		05.00- 06.03	115508	12 1.7	A49
	[AES]	11.95- 04.00	112043	14 90		11.95- 04.00	113387	12 2.0	
		01.96- 05.00	113885	14 150		01.96- 05.00	115508	12 1.7	A49
	[AMV]	05.00- 06.03	113885	14 150		05.00- 06.03	114299	12 1.7	
Transporter 3.2 V6 T5	[BDL]	04.03-	112002	14 120 A47		04.03-	113387	12 2.0	
		04.03-	113884	14 150		04.03-	115507	12 2.2	A49
		04.03-	115483	14 120 A49					
	[BKK]	08.03-	112002	14 120 A47		08.03-	113387	12 2.0	
		08.03-	113884	14 150		08.03-	115507	12 2.2	A49
		08.03-	115483	14 120 A49					
	[CFLA]	08.03-	112002	14 120 A47		08.03-	113387	12 2.0	
		08.03-	115483	14 120 A49					
Transporter / Caravelle 2.0 TDi	[CXGC]	05.16-	116195	14 180		05.16-	115336	12 2.2	
		05.16-	116359	14 140					
		05.16-	116576	14 180					
		05.16-	116717	14 140					
	[CXHB]	05.16-	116576	14 180					
		05.16-	116717	14 140					
Transporter IV 1.9 Diesel	[1X]	09.90- 12.95	111154	14 65		09.90- 12.95	112167	12 1.8	
		09.90- 12.95	111479	14 90		09.90- 12.95	111749	12 1.1	
		09.90- 12.95	112765	14 90		09.90- 12.95	113387	12 2.0	
Transporter Mk VI 2.0 TDi	[CXEC]	08.18-	115898	14 140	A25	08.18-	115539	12 2.0	A49
		08.18-	116195	14 180	A25	08.18-	116156	12 2.0	
		08.18-	116359	14 140	A25	08.19-	115336	12 2.2	
	[CXGD]	10.19-	115898	14 140	A25	10.19-	115336	12 2.2	
		10.19-	116195	14 180		10.19-	115638	12 1.7	
		10.19-	116359	14 140					
	[CXHC]	07.19-	115898	14 140	A25	07.19-	115336	12 2.2	
		07.19-	116195	14 180		07.19-	115539	12 2.0	A49
		07.19-	116359	14 140	A25	07.19-	116156	12 2.0	
						07.19-	115638	12 1.7	
Transporter VI 2.0 TDi	[CFCA]	04.15-	116359	14 140		04.15-	114299	12 1.7	
		04.15-	116717	14 140		04.15-	116097	12 2.0	
	[CXEB]	06.15-	115898	14 140		06.15-	115402	12 1.8	
		06.15-	116359	14 140		06.15-	115561	12 1.7	
		06.15-	116717	14 140		06.15-	115336	12 2.2	
						06.15-	116156	12 2.0	
	[CXFA]	04.15-	115898	14 140		04.15-	115402	12 1.8	
		04.15-	116359	14 140		04.15-	115336	12 2.2	
		04.15-	116576	14 180		04.15-	116156	12 2.0	
		04.15-	116717	14 140		04.15-	115638	12 1.7	
						04.15-	115900	12 1.1	
	[CXGA]	04.15-	115707	14 110		04.15-	115539	12 2.0	A49
		04.15-	116576	14 180		04.15-	115561	12 1.7	
		04.15- 06.16	116717	14 140					



	[CXGB]	04.15-	115707	14 110		04.15-	115539	12 2.0	A49
		04.15-	116576	14 180		04.15-	115638	12 1.7	
		04.15-	116717	14 140					
	[CXHA]	04.15-	115898	14 140		04.15-	115336	12 2.2	
		04.15-	116359	14 140		04.15-	115900	12 1.1	
		04.15-	116576	14 180		04.15-	116097	12 2.0	
		04.15-	116717	14 140		04.15-	115638	12 1.7	
						08.15-	115402	12 1.8	
	[CAAA]	04.15-	115707	14 110		04.15-	113841	12 1.7	
		04.15-	116576	14 180		04.15-	115638	12 1.7	
		04.15- 06.16	116717	14 140		04.15-	115696	12 1.1	
	[CAAB]	04.15-	115707	14 110		04.15-	113841	12 1.7	
		04.15-	116576	14 180		04.15-	115638	12 1.7	
		04.15-	116717	14 140		04.15-	115696	12 1.1	
	[CAAC]	04.15-	115707	14 110		04.15-	113841	12 1.7	
		04.15-	116717	14 140					
Transporter VI 2.0 TDi 4motion	[CFCA]	06.15-	116359	14 140		06.15-	114299	12 1.7	
		06.15-	116717	14 140		06.15-	116097	12 2.0	
	[CXEB]	06.15-	115898	14 140		06.15-	115402	12 1.8	
		06.15-	116359	14 140		06.15-	115336	12 2.2	
		06.15-	116717	14 140		06.15-	116156	12 2.0	
	[CXFA]	08.15-	115898	14 140		08.15-	115402	12 1.8	
		08.15-	116359	14 140		08.15-	115561	12 1.7	
		08.15-	116576	14 180		08.15-	115336	12 2.2	
		08.15-	116717	14 140		08.15-	116156	12 2.0	
						08.15-	115638	12 1.7	
						08.15-	115900	12 1.1	
	[CXHA]	08.15-	115898	14 140		08.15-	115336	12 2.2	
		08.15-	116359	14 140		08.15-	116097	12 2.0	
		08.15-	116576	14 180		08.15-	115638	12 1.7	
		08.15-	116717	14 140					
	[CAAC]	06.15-	115707	14 110		06.15-	113841	12 1.7	
		06.15-	116717	14 140		06.15-	115539	12 2.0	A49
Transporter VI 2.0 TSi	[CJKA]	04.15-	116747	14 180					
	[CJKB]	04.15-	116747	14 180					
Transporter VI 2.0 TSi 4motion	[CJKA]	06.15-	116747	14 180					
T-Roc 1.0 TSi	[CHZJ]	07.17-	116228	12 180		07.17-	115560	12 1.7	
		07.17-	116229	12 180		07.17-	115402	12 1.8	
		07.17-	116231	12 110		07.17-	116156	12 2.0	
		07.17-	116298	14 140		07.17-	115818	12 1.1	
T-Roc 1.0 TSi	[DKRF]	12.19-	116231	12 110	DKG	12.19-	115944	12 1.7	
		12.19-	116619	14 110					
	[DLAA]	09.20-	116231	12 110		09.20-	115818	12 1.1	
T-Roc 1.5 TSi	[DADA]	11.17-	116228	12 180		11.17-	115560	12 1.7	
		11.17-	116231	12 110	DKG	11.17-	116272	12 1.1	
		11.17-	116298	14 140					
T-Roc 1.5 TSi 4motion	[DADA]	05.18-	116193	14 140		05.18-	115560	12 1.7	
		05.18-	116228	12 180		05.18-	115561	12 1.7	
		05.18-	116229	12 180		05.18-	115402	12 1.8	
		05.18-	116231	12 110	DKG	05.18-	116272	12 1.1	
		05.18-	116298	14 140					
T-Roc 1.5 TSi	[DPCA]	12.19-	116231	12 110	DKG	12.19-	115944	12 1.7	
		12.19-	116619	14 110					
T-Roc 2.0 TDi 4motion	[DFFA]	09.17-	114322	14 140		09.17-	115539	12 2.0	A49
		09.17-	116373	14 140					
		09.17-	116647	14 140					
		09.17-	116717	14 140					
	[DFHA]	07.19-	114322	14 140		07.19-	115560	12 1.7	
		07.19-	116384	14 180					
		07.19-	116647	14 140					
T-Roc 2.0 TSi 4motion	[CZPB]	07.17-	116386	14 140					
		07.17-	116747	14 180					
T-Roc 2.0 R 4Motion	[DNUE]	09.19-	116387	14 140					
Up 1.0 EcoFuel	[CPGA]	11.12-	115695	14 110	A25	11.12-	115560	12 1.7	
		11.12-	116204	14 90		11.12-	115696	12 1.1	
		A25 11.12-	116232	14 110					
Up 1.0	[CHYA]	08.11-	115695	14 110		08.11-	113773	12 1.1	
		08.11-	116204	14 90		08.11-	115560	12 1.7	
		A25 08.11-	116232	14 110		08.11-	115696	12 1.1	
	[CHYB]	08.11-	115695	14 110	A25	08.11-	115560	12 1.7	
		08.11-	116204	14 90		08.11-	115696	12 1.1	
		A25 08.11-	116232	14 110					
	[CHZA]	05.16-	116619	14 110					
Up 1.0 GTI	[DKRA]	A25 11.17-	116231	12 110		11.17-	115696	12 1.1	
Vento 1.4	[ABD]	11.91- 06.95	111352	14 70	AT	11.91- 06.95	112286	12 1.7	
		11.91- 06.95	111479	14 90		11.91- 06.95	115504	12 1.1	A49
		PS 11.91- 06.95	111353	14 70		11.91- 06.95	111909	12 1.1	
		PS 11.91- 07.95	111477	14 90		11.91- 07.95	111748	12 1.1	
	[AEX]	07.95- 12.97	111352	14 70	AT	07.95- 12.97	112286	12 1.7	
		07.95- 12.97	111479	14 90		07.95- 12.97	115504	12 1.1	A49
		PS 07.95- 12.97	111353	14 70		07.95- 12.97	111909	12 1.1	
		PS 07.95- 12.97	111477	14 90		07.95- 12.97	111749	12 1.1	
	[ABU]	09.92- 09.94	111352	14 70		09.92- 09.94	112236	12 1.8	
		09.92- 09.94	111479	14 90		09.92- 07.95	115560	12 1.7	
		PS 09.92- 07.95	111477	14 90		09.92- 07.95	111748	12 1.1	
		AC 09.92- 07.95	111353	14 70					
	[AEA]	10.94- 12.97	111352	14 70	AT	10.94- 12.97	112286	12 1.7	
		10.94- 12.97	111479	14 90		10.94- 12.97	115504	12 1.1	A49
	[AEE]	07.95- 12.97	111352	14 70		07.95- 12.97	112286	12 1.7	
07.95- 12.97		111479	14 90		07.95- 12.97	115504	12 1.1	A49	
[AEK]	10.94- 12.95	111352	14 70		10.94- 12.95	112236	12 1.8		
	10.94- 12.95	111479	14 90		10.94- 12.95	115612	12 1.2		
	AC 10.94- 12.95	111353	14 70		10.94- 12.95	111900	12 1.8		
	AC 10.94- 12.95	111477	14 90		10.94- 12.95	113773	12 1.1		
[AFT]	12.95- 12.97	111352	14 70		12.95- 12.97	112236	12 1.8		
	12.95- 12.97	111479	14 90		12.95- 12.97	113750	12 0.9		
	PS 12.95- 12.97	111477	14 90		12.95- 12.97	111900	12 1.8		
	AC 12.95- 12.97	111353	14 70						
[CWVA]	05.15-	115695	14 110						
[CWVB]	07.14-	115695	14 110						



VW Continued

Vento 1.8	[ABS]	11.91- 09.94	111352	14 70	11.91- 09.94	112236	12 1.8	A49	
		11.91- 09.94	111479	14 90	11.91- 09.94	111748	12 1.1		
		AC 11.91- 09.94	111353	14 70	11.91- 09.94	115503	12 1.8		
		AC 11.91- 09.94	111477	14 90					
	[ADZ]	10.94- 12.97	111352	14 70	10.94- 12.97	112236	12 1.8	A49	
		10.94- 12.97	111479	14 90	10.94- 12.97	111748	12 1.1		
		AC 10.94- 12.97	111353	14 70	10.94- 12.97	115504	12 1.1		
		AC 10.94- 12.97	111477	14 90					
	[AAM]	11.91- 12.97	111352	14 70	11.91- 12.97	112236	12 1.8	A49	
		02.92- 12.97	111479	14 90	11.91- 12.97	111748	12 1.1		
		AC 11.91- 12.97	111353	14 70	11.91- 12.97	115503	12 1.8		
		AC 11.91- 12.97	111477	14 90					
Vento 1.9 Diesel	[1Y]	11.91- 12.97	111479	14 90	11.91- 12.97	111748	12 1.1	A49	
		AC 11.91- 12.97	111353	14 70	11.91- 12.97	115503	12 1.8		
		AC 11.91- 12.97	111477	14 90					
Vento 1.9 SDi	[AEY]	01.95- 12.97	111353	14 70	01.95- 12.97	111748	12 1.1		
		01.97- 12.97	111477	14 90	01.97- 12.97	114034	12 1.0		
Vento 1.9 TD	[AAZ]	11.91- 12.97	111352	14 70	11.91- 12.97	112307	12 1.1	A49	
		11.91- 12.97	111479	14 90	11.91- 12.97	115504	12 1.1		
		AC 11.91- 12.97	111353	14 70	11.91- 12.97	112166	12 1.7		
		AC 11.91- 12.97	111477	14 90	11.91- 12.97	111748	12 1.1		
Vento 1.9 TDi	[1Z]	09.93- 07.96	111353	14 70	09.93- 07.96	111748	12 1.1		
		09.93- 07.96	111477	14 90	09.93- 07.96	115560	12 1.7		
		09.93- 07.96	111988	14 120					
	[AFN]	02.96-	111353	14 70	02.96-	111900	12 1.8		
		02.96-	111477	14 90	02.96-	114034	12 1.0		
		02.96-	111828	14 120					
	[AHU]	08.96- 12.97	111353	14 70	08.96- 12.97	111909	12 1.1		
		08.96- 12.97	111477	14 90	08.96- 12.97	111748	12 1.1		
		08.96- 12.97	111828	14 120					
		08.96- 12.97	111988	14 120					
	[ALE]	05.97- 12.97	111353	14 70	05.97- 12.97	111909	12 1.1		
		05.97- 12.97	111477	14 90	05.97- 12.97	111748	12 1.1		
		05.97- 12.97	111828	14 120					
		05.97- 12.97	111988	14 120					
Vento 2.0	[2E]	11.91- 09.94	111352	14 70	Ecomatic	11.91- 09.94	112286	12 1.7	
		11.91- 09.94	111479	14 90		11.91- 09.94	115696	12 1.1	
		AC 11.91- 09.94	111353	14 70		11.91- 09.94	111909	12 1.1	
		AC 11.91- 09.94	111477	14 90		11.91- 09.94	111749	12 1.1	
	[ADY]	10.94- 05.96	111352	14 70	AT	10.94- 05.96	112286	12 1.7	
		10.94- 05.96	111479	14 90		10.94- 05.96	115696	12 1.1	
		AC 10.94- 05.96	111353	14 70		10.94- 05.96	111909	12 1.1	
		AC 10.94- 05.96	111477	14 90		10.94- 05.96	111749	12 1.1	
	[AGG]	07.95- 12.97	111352	14 70	07.95- 12.97	112286	12 1.7		
		07.95- 12.97	111479	14 90	07.95- 12.97	115696	12 1.1		
		AC 07.95- 12.97	111353	14 70	07.95- 12.97	111900	12 1.8		
		AC 07.95- 12.97	111477	14 90	07.95- 12.97	111749	12 1.1		
	[AKR]	05.97- 12.97	111352	14 70	05.97- 12.97	112236	12 1.8	A49	
		05.97- 12.97	111479	14 90	05.97- 12.97	111748	12 1.1		
		AC 05.97- 12.97	111353	14 70	05.97- 12.97	115503	12 1.8		
		AC 05.97- 12.97	111477	14 90					
PASSENGER CARS US		AC							
Beetle 1.8 Turbo	[APH]	01.99- 01.00	111353	14 70	01.99- 01.00	110363	12 0.7		
		01.01- 01.01	111353	14 70	01.01- 01.01	110363	12 0.7		
	[AWV]	01.02- 01.03	111989	14 90	01.02- 01.03	111909	12 1.1		
		01.02- 01.03	112002	14 120 A47	01.02- 01.03	111900	12 1.8		
		01.02- 01.03	115483	14 120 A49					
Beetle 1.8 Turbo S	[AWP]	01.02- 01.03	111989	14 90	01.02- 01.03	111909	12 1.1		
		01.02- 01.03	112002	14 120 A47	01.02- 01.03	111900	12 1.8		
		01.02- 01.03	115483	14 120 A49	01.04-	115503	12 1.8		
Beetle 1.9 Turbo	[ALH]	01.01- 01.01	112079	14 90 A47	01.02- 01.02	111900	12 1.8	A49	
		01.01- 01.01	114789	14 90 A49	01.03-	111749	12 1.1		
		01.02- 01.02	112002	14 120 A47	01.04-	115503	12 1.8		
		01.02- 01.02	115483	14 120 A49					
	[BEW]	01.04-	112002	14 120 A47	01.04-	115504	12 1.1		
		01.04-	112079	14 90 A47					
Beetle 2.0	[AEG]	01.98- 01.98	111820	14 90	01.98- 01.98	111909	12 1.1	A49	
		01.99- 01.00	111353	14 70	01.99- 01.00	110363	12 0.7		
		01.99- 01.00	112075	14 70	01.99- 01.00	115504	12 1.1		
	[AVH]	01.01- 01.01	111353	14 70	01.01- 01.01	110363	12 0.7	A49	
		01.01- 01.01	112075	14 70	01.01- 01.01	115504	12 1.1		
					01.05-	112005	12 1.1		
	[AZG]	01.01- 01.01	111353	14 70	01.01- 01.01	110363	12 0.7	A49	
		01.01- 01.01	112075	14 70	01.01- 01.01	115504	12 1.1		
	[BDC]	01.03- 01.03	111353	14 70	01.03- 01.03	110363	12 0.7		
		01.03- 01.03	112075	14 70	01.04-	112005	12 1.1		
	[BEV]	01.04-	111353	14 70	01.04-	112005	12 1.1		
		01.04-	112075	14 70	01.05-	111909	12 1.1		
	[BGD]	01.04-	111353	14 70	01.04-	112005	12 1.1		
		01.04-	112075	14 70					
Cabrio 2.0	[ABA]	01.01- 01.01	111477	14 90	01.01- 01.01	115503	12 1.8	A49	
		01.95- 01.95	111353	14 70	01.95- 01.95	111900	12 1.8		
Cabrio 2.0 Highline	[ABA]	01.97- 01.97	111353	14 70	01.97- 01.97	111900	12 1.8	A49	
		01.97- 01.97	111477	14 90	01.97- 01.97	111748	12 1.1		
					01.97- 01.97	115503	12 1.8		
Cabriolet 1.8	[2H]	01.90- 01.93	112149	14 65	01.90- 01.93	111059	12 0.9		
		01.90- 01.93	112729	14 90					
	[JH]	01.85- 01.87	110919	14 65	01.85- 01.87	110864	12 0.7		
		01.88- 01.89	112149	14 65	01.88- 01.89	111059	12 0.9		
Cabriolet 1.8 Carat	[2H]	01.91- 01.92	112149	14 65	01.91- 01.92	111059	12 0.9		
		01.91- 01.92	112729	14 90					
Cabriolet 1.8 Etienne Aigner	[2H]	01.91- 01.91	112149	14 65	01.91- 01.91	111059	12 0.9		
		01.91- 01.91	112729	14 90					
Campmobile 1.6	[AD]				01.71- 01.71	110363	12 0.7		
		[AE]			01.71- 01.71	110363	12 0.7		



	[AF]				01.71- 01.71	110363	12	0.7	
	[B]				01.69- 01.70	110363	12	0.7	
	[C]				01.69- 01.70	110363	12	0.7	
Campmobile 1.7	[CA]				01.72- 01.72	110363	12	0.7	
	[CB]				01.72- 01.72	110363	12	0.7	
	[CD]				01.73- 01.73	110363	12	0.7	
	[CE]				01.73- 01.73	110363	12	0.7	
Campmobile 1.8	[AP]				01.74- 01.75	110363	12	0.7	
	[AW]				01.74- 01.74	110363	12	0.7	
	[ED]				01.74- 01.75	110363	12	0.7	
Campmobile 2.0	[CJ]				01.76- 01.78	110858	12	0.7	
	[GD]				01.76- 01.77	110858	12	0.7	
	[GE]				01.78- 01.78	110858	12	0.7	
Corrado 1.8 Super	[PG]				01.91- 01.92	112131	12	1.4	
Corrado 2.8	[AAA]	01.95-	111477	14	90	01.95-	111060	12	1.7
Corrado 2.8 SLC	[AAA]	01.92- 01.93	111477	14	90	01.92- 01.93	111059	12	0.9
					01.92- 01.93	111060	12	1.7	
Corrado 2.8 V6	[AAA]	01.93- 01.93	111477	14	90	01.93- 01.93	111060	12	1.7
Dasher 1.5	[CK]	01.79- 01.80	110913	14	70				
		01.79- 01.80	111035	14	65				
Dasher 1.5	[XR]	01.75- 01.75	110975	14	65				
	[XS]	01.75- 01.75	110975	14	65				
	[XV]	01.74- 01.74	110975	14	65				
	[XW]	01.74- 01.74	110975	14	65				
	[XY]	01.74- 01.74	110975	14	65				
	[XZ]	01.74- 01.74	110975	14	65				
Dasher 1.6	[CR]	01.81- 01.81	110913	14	70				
Dasher 1.6	[YG]	01.76- 01.80	110975	14	65				
	[YH]	01.76- 01.80	110975	14	65				
	[YK]	01.76- 01.76	110975	14	65				
Eurovan 2.4	[AAB]	01.93- 01.95	112765	14	90				
		01.93- 01.95	112799	14	100				
		01.96- 10.98	111898	14	120				
		01.96-	111899	14	90				
Eurovan 2.4 CL	[AAB]	10.92- 01.95	112765	14	90				
		10.92- 01.95	112799	14	100				
		01.96- 10.98	111898	14	120				
Eurovan 2.5	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90	01.95- 01.95	115503	12	1.8 A49
		01.96- 05.96	111898	14	120				
		01.96- 05.96	111899	14	90				
	[AAF]	01.94- 01.94	111353	14	70	01.94- 01.94	111060	12	1.7
		01.94- 01.94	111477	14	90	01.94- 01.94	115503	12	1.8 A49
Eurovan 2.5 Camper	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90	01.95- 01.95	112167	12	1.8
					01.95- 01.95	115503	12	1.8 A49	
Eurovan 2.5 CL	[AAF]	01.92-	111353	14	70	01.92-	111060	12	1.7
		01.92-	111477	14	90	01.92-	112052	12	2.2
					01.93- 01.93	111900	12	1.8	
Eurovan 2.5 CV	[AAF]	01.92-	111353	14	70	01.92-	111060	12	1.7
		01.92-	111477	14	90	01.92-	111900	12	1.8
					01.94- 01.94	115503	12	1.8 A49	
Eurovan 2.5 GL	[AAF]	01.92-	111353	14	70	01.92-	111060	12	1.7
		01.92-	111477	14	90	01.92-	111900	12	1.8
					01.93- 01.93	113387	12	2.0	
Eurovan 2.5 GLS	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	112167	12	1.8
		01.95- 01.95	111477	14	90				
Eurovan 2.5 MV	[AAF]	01.93- 01.93	111353	14	70	01.93- 01.93	111060	12	1.7
		01.93- 01.93	111477	14	90	01.93- 01.93	113387	12	2.0
Eurovan 2.5 Transport	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	112052	12	2.2
		01.95- 01.95	111477	14	90				
Eurovan 2.8	[AES]	01.00- 01.00	111353	14	70	01.00- 01.00	112052	12	2.2
	[AXK]	01.01- 01.04	111353	14	70	01.01- 01.04	112052	12	2.2
Eurovan 2.8 Camper	[AES]	01.97- 01.98	111820	14	90				
Fastback 1.6	[P]				01.68- 01.73	110363	12	0.7	
	[T]				01.67- 01.67	110363	12	0.7	
	[U]				01.68- 01.73	110363	12	0.7	
	[X]				01.72- 01.73	110363	12	0.7	
Fox 1.0 Flex	[CSEA]	04.13-	116204	14	90				
Fox 1.6 Flex		08.14-	116204	14	90				
Fox 1.8	[ABG]	01.91- 01.93	112149	14	65	01.91- 01.93	110865	12	0.95
		01.91- 01.93	112729	14	90				
	[JN]	01.87- 01.90	112149	14	65	01.87- 01.90	110865	12	0.95
		01.87- 01.90	112729	14	90				
	[UM]	01.87- 01.87	112149	14	65	01.87- 01.87	110865	12	0.95
		01.87- 01.87	112729	14	90	01.87- 01.87	115696	12	1.1
Fox 1.8 GL	[ABG]	01.91- 01.93	112149	14	65	01.91- 01.93	110865	12	0.95
		01.91- 01.93	112729	14	90				
	[JN]	01.87- 01.90	112149	14	65	01.87- 01.90	110865	12	0.95
		01.87- 01.90	112729	14	90				
	[UM]	01.87- 01.87	112149	14	65	01.87- 01.87	110865	12	0.95
		01.87- 01.87	112729	14	90				
Fox 1.8 GL Sport	[JN]	01.89- 01.90	112149	14	65	01.89- 01.90	110865	12	0.95
		01.89- 01.90	112729	14	90				
Golf II 1.6	[ME]	01.85- 01.86	111154	14	65	01.85- 01.86	111059	12	0.9
		01.89-	111288	14	65				
Golf II 1.6 GL	[ME]	01.87- 01.87	111154	14	65	01.87- 01.87	111059	12	0.9
		01.87- 01.87	111288	14	65				
Golf II 1.8	[PF]	01.88- 01.89	112149	14	65	01.88- 01.89	111060	12	1.7
		01.88- 01.89	112729	14	90	01.89- 01.89	112131	12	1.4
	[RV]	01.88- 01.89	112149	14	65				
		01.88- 01.89	112729	14	90				
Golf II 1.8 GL	[GX]	01.87- 01.87	112149	14	65	01.87- 01.87	111059	12	0.9
		01.87- 01.87	112729	14	90				
	[PF]	01.88- 01.90	112149	14	65	01.88- 01.90	111060	12	1.7
		01.88- 01.90	112729	14	90				
	[RV]	01.88- 01.91	112149	14	65	01.88- 01.91	112131	12	1.4
		01.88- 01.91	112729	14	90				
Golf II 1.8 GT	[PF]	01.88- 01.88	112149	14	65	01.88- 01.88	111060	12	1.7
		01.88- 01.88	112729	14	90				



VW Continued

	[RD]	01.87- 01.87	112149	14	65	01.87- 01.87	111059	12	0.9
		01.87- 01.87	112729	14	90				
Golf II 1.8 GTi 16V	[PL]	01.87- 01.89	112149	14	65	01.87- 01.89	111059	12	0.9
		01.87- 01.89	112729	14	90				
Golf II 1.8 GTi	[HT]	01.85- 01.86	110919	14	65	01.85- 01.86	111059	12	0.9
	[PF]	01.90- 01.92	112149	14	65				
		01.90- 01.92	112729	14	90				
	[RD]	01.85- 01.87	112149	14	65	01.85- 01.87	111059	12	0.9
		01.85- 01.87	112729	14	90				
	[RV]	01.90- 01.92	112149	14	65				
		01.90- 01.92	112729	14	90				
Golf III 1.6	[ME]	01.92-	111154	14	65	01.92-	111059	12	0.9
		01.92-	111288	14	65	01.92-	111060	12	1.7
Golf III 1.6 GL	[ME]	01.92-	111154	14	65	01.92-	111060	12	1.7
		01.92-	111288	14	65				
Golf III 1.8	[ACC]	01.93-	111352	14	70	01.93-	112005	12	1.1
		01.93-	111353	14	70	01.93-	115503	12	1.8 A49
		01.93-	111477	14	90	01.95-	111900	12	1.8
		01.93-	111479	14	90				
Golf III 1.8 CL	[ACC]	01.93-	111352	14	70	01.93-	112005	12	1.1
		01.93-	111353	14	70	01.93-	115504	12	1.1 A49
		01.93-	111477	14	90	01.95-	111900	12	1.8
		01.93-	111479	14	90	01.96-	111748	12	1.1
Golf III 1.8 Turbo	[AWD]	01.00- 01.00	111353	14	70				
	[AWW]	01.00- 01.00	111353	14	70				
Golf III 1.9	[AAZ]	01.93- 01.95	111352	14	70	01.93- 01.95	112005	12	1.1
		01.93- 01.95	111353	14	70	01.93- 01.95	115503	12	1.8 A49
		01.93- 01.95	111477	14	90				
		01.93- 01.95	111479	14	90				
Golf III 1.9 TDi	[AHU]	01.97- 01.97	111353	14	70				
		01.97- 01.97	111477	14	90				
		01.97- 01.97	111988	14	120				
	[ALH]	01.99- 01.99	111353	14	70				
		01.99- 01.99	112075	14	70				
		01.99- 01.99	112079	14	90 A47				
	[AAZ]	01.96- 01.96	111352	14	70	01.96- 01.96	111748	12	1.1
		01.96- 01.96	111353	14	70				
		01.96- 01.96	111477	14	90				
		01.96- 01.96	111479	14	90				
Golf III 1.9 Turbo	[ALH]	01.00- 01.00	111353	14	70				
		01.00- 01.00	112075	14	70				
		01.00- 01.00	112079	14	90 A47				
Golf III 1.9 Turbo GL	[ALH]	01.99-	112079	14	90 A47				
Golf III 2.0	[ABA]	01.98- 01.98	111352	14	70	01.98- 01.98	111748	12	1.1
		01.98- 01.98	111353	14	70				
		01.98- 01.98	111477	14	90				
		01.98- 01.98	111479	14	90				
	[AEG]	01.00- 01.00	111353	14	70				
Golf III 2.0 Celebration Edit	[ABA]	01.95- 01.95	111352	14	70	01.95- 01.95	111748	12	1.1
		01.95- 01.95	111353	14	70				
		01.95- 01.95	111477	14	90				
		01.95- 01.95	111479	14	90				
Golf III 2.0 City	[ABA]	01.95- 01.95	111352	14	70	01.95- 01.95	111748	12	1.1
		01.95- 01.95	111353	14	70				
		01.95- 01.95	111477	14	90				
		01.95- 01.95	111479	14	90				
Golf III 2.0 GL	[ABA]	01.93- 01.93	111352	14	70	01.93- 01.93	112005	12	1.1
		01.93- 01.93	111477	14	90	01.94- 01.95	111909	12	1.1
		01.93- 01.93	111479	14	90	01.94- 01.95	115504	12	1.1 A49
		01.94- 01.95	111353	14	70	01.95- 01.95	111748	12	1.1
						01.95- 01.97	111900	12	1.8
	[AEG]	01.99- 01.99	111353	14	70				
Golf III 2.0 GLS	[AEG]	01.99- 01.99	111353	14	70				
Golf III 2.0 JAZZ	[ABA]	01.97- 01.97	111352	14	70	01.97- 01.97	111748	12	1.1
		01.97- 01.97	111353	14	70				
		01.97- 01.97	111477	14	90				
		01.97- 01.97	111479	14	90				
Golf III 2.0 K2	[ABA]	01.97- 01.97	111352	14	70	01.97- 01.97	111748	12	1.1
		01.97- 01.97	111353	14	70				
		01.97- 01.97	111477	14	90				
		01.97- 01.97	111479	14	90				
Golf III 2.0 Sport	[ABA]	01.95- 01.95	111352	14	70	01.95- 01.95	111748	12	1.1
		01.95- 01.95	111353	14	70				
		01.95- 01.95	111477	14	90				
		01.95- 01.95	111479	14	90				
Golf III 2.0 Trek	[ABA]	01.97- 01.97	111352	14	70	01.97- 01.97	111748	12	1.1
		01.97- 01.97	111353	14	70				
		01.97- 01.97	111477	14	90				
		01.97- 01.97	111479	14	90				
Golf III 2.0 GTi	[ABA]	01.93- 01.93	111352	14	70	01.93- 01.93	112005	12	1.1
		01.93- 01.93	111477	14	90	01.94-	115503	12	1.8 A49
		01.93- 01.93	111479	14	90	01.94- 01.94	115504	12	1.1 A49
		01.94- 01.94	111353	14	70	01.95- 01.95	111748	12	1.1
	[AEG]	01.99- 01.00	111353	14	70				
Golf III 2.8 GTi	[AFP]	01.99- 01.02	111353	14	70				
		01.99- 01.02	112075	14	70				
	[AAA]	01.99- 01.99	111353	14	70				
		01.99- 01.99	112075	14	70				
Golf III 2.8 VR6	[AAA]	01.95- 01.95	111353	14	70				
		01.95- 01.95	111477	14	90				
Golf III 1.8 GTi Turbo	[AWD]	01.01- 01.01	111353	14	70	01.01- 01.01	112429	12	2.0
	[AWP]	01.02- 01.03	111353	14	70	01.02- 01.03	112005	12	1.1
		01.02- 01.03	111989	14	90				
	[AWW]	01.01- 01.01	111353	14	70	01.01- 01.01	112005	12	1.1
Golf III 1.8 Turbo	[AWD]	01.01- 01.01	111353	14	70	01.01- 01.01	112429	12	2.0
	[AWW]	01.01- 01.01	111353	14	70	01.01- 01.01	112429	12	2.0



Golf III 1.9 Turbo	[ALH]	01.01- 01.01	111353	14 70	01.01- 01.01	112429	12 2.0	A49
		01.01- 01.01	112075	14 70	01.01- 01.01	111909	12 1.1	
		01.01- 01.01	112079	14 90 A47	01.01- 01.01	115503	12 1.8	
		01.01- 01.01	114789	14 90 A49	01.02- 01.02	112005	12 1.1	
		01.02- 01.02	112002	14 120 A47	01.02- 01.02	111900	12 1.8	
Golf III 2.0	[AEG] [AVH]	01.01- 01.01	111353	14 70	01.01- 01.01	112429	12 2.0	A49
		01.02- 01.02	111353	14 70	01.02- 01.02	112005	12 1.1	
					01.03- 01.03	115504	12 1.1	
					01.02- 01.02	112005	12 1.1	
					01.03- 01.03	115504	12 1.1	
Golf III 2.8 GTi	[BDF]	01.02- 01.02	111353	14 70	01.02- 01.02	112005	12 1.1	
Golf V 1.8 GTi Turbo	[AWP]	01.04- 01.04	111353	14 70	01.04- 01.04	116703	12 1.4	
Golf V 1.9 Turbo	[ALH] [BEW]	01.04- 01.04	112002	14 120 A47				
		01.04- 01.04	112079	14 90 A47				
		01.04- 01.04	115483	14 120 A49				
		01.04- 01.04	112002	14 120 A47				
		01.04- 01.04	112079	14 90 A47				
Golf V 2.0	[AVH] [BEV]	01.05- 01.05	111353	14 70				
Golf VI 2.5	[CBTA] [CBUA]				07.09- 07.14	116703	12 1.4	
					07.09- 07.14	116703	12 1.4	
Jetta 1.6	[ME]	01.87- 01.87	111154	14 65	01.87- 01.87	111059	12 0.9	
		01.87- 01.87	111288	14 65	01.87- 01.87	111060	12 1.7	
		01.92- 01.92	110913	14 70				
Jetta 1.6 Deluxe	[CR] [JK] [ME]	01.81- 01.81	110913	14 70	01.81- 01.81	110864	12 0.7	
		01.81- 01.81	111035	14 65	01.81- 01.81	111060	12 1.7	
		01.83- 01.84	111035	14 65	01.83- 01.84	111060	12 1.7	
		01.85- 01.86	111154	14 65	01.85- 01.86	111059	12 0.9	
		01.86- 01.86	111288	14 65	01.85- 01.86	111060	12 1.7	
Jetta 1.6 GL	[ME]	01.86- 01.86	111154	14 65	01.86- 01.86	111059	12 0.9	
		01.86- 01.86	111288	14 65	01.86- 01.86	112429	12 2.0	
		01.91- 01.91	110913	14 70	01.89- 01.89	111060	12 1.7	
Jetta 1.6 Turbo	[MF]	01.85- 01.88	111154	14 65	01.85- 01.88	111059	12 0.9	
Jetta 1.6 Turbo Deluxe	[CY] [MF]	01.83- 01.84	111035	14 65	01.83- 01.84	111060	12 1.7	
		01.85- 01.85	111154	14 65	01.85- 01.85	111059	12 0.9	
		01.86- 01.86	111288	14 65	01.86- 01.86	111060	12 1.7	
Jetta 1.6 Turbo GL	[MF]	01.86- 01.86	111154	14 65	01.86- 01.86	111059	12 0.9	
		01.86- 01.86	111288	14 65	01.86- 01.86	111060	12 1.7	
Jetta 1.6	[EJ]	01.80- 01.80	110913	14 70	01.80- 01.80	110864	12 0.7	
Jetta 1.7 Deluxe	[EN]	01.81- 01.84	110913	14 70	01.81- 01.84	111059	12 0.9	
Jetta 1.8	[ACC]	01.93- 01.93	111352	14 70	01.93- 01.93	112131	12 1.4	
		01.93- 01.93	111353	14 70	01.93- 01.93	111748	12 1.1	
		01.93- 01.93	111477	14 90	01.94- 01.94	112005	12 1.1	
		01.93- 01.93	111479	14 90	01.94- 01.94	115503	12 1.8	A49
					01.95- 01.95	115504	12 1.1	A49
	[GX] [MZ] [PF]	01.87- 01.87	112149	14 65				
		01.87- 01.87	112729	14 90				
		01.85- 01.86	110919	14 65	01.85- 01.86	111059	12 0.9	
	[RV]	01.89- 01.89	112149	14 65				
		01.89- 01.89	112729	14 90				
		01.88- 01.89	112149	14 65				
	[PF] [RD] [RV]	01.88- 01.89	112729	14 90				
		01.88- 01.88	112149	14 65				
		01.88- 01.88	112729	14 90				
Jetta 1.8 Carat	[PF] [RD] [RV]	01.89- 01.91	112149	14 65				
		01.89- 01.91	112729	14 90				
Jetta 1.8 CL	[ACC]	01.94- 01.94	111352	14 70	01.94- 01.94	112005	12 1.1	
		01.94- 01.94	111353	14 70	01.94- 01.94	115503	12 1.8	A49
		01.94- 01.94	111477	14 90				
		01.94- 01.94	111479	14 90				
Jetta 1.8 Deluxe	[GX] [JH]	01.85- 01.87	110919	14 65	01.85- 01.87	111059	12 0.9	
		01.84- 01.84	110919	14 65	01.84- 01.84	111059	12 0.9	
Jetta 1.8 GL	[ACC]	01.93- 01.93	111352	14 70	01.93- 01.93	112005	12 1.1	
		01.93- 01.93	111353	14 70	01.93- 01.93	115503	12 1.8	A49
		01.93- 01.93	111477	14 90				
		01.93- 01.93	111479	14 90				
	[GX] [PF]	01.86- 01.86	112149	14 65				
		01.86- 01.86	112729	14 90				
		01.88- 01.90	112149	14 65				
	[RD] [RV]	01.88- 01.90	112729	14 90				
		01.88- 01.88	112149	14 65				
Jetta 1.8 GLi	[HT] [PF] [RD]	01.88- 01.88	112729	14 90				
		01.88- 01.90	112149	14 65				
		01.87- 01.87	112149	14 65				
		01.87- 01.87	112729	14 90				
Jetta 1.8 16V GLi	[PL]	01.86- 01.87	112149	14 65				
		01.86- 01.87	112729	14 90				
Jetta 1.8 Turbo	[AWP]	01.87- 01.89	112149	14 65				
		01.87- 01.89	112729	14 90				
Jetta 1.8 Turbo GLS	[AWP] [AWW] [AAZ]	01.05- 01.05	111353	14 70				
		01.05- 01.05	111989	14 90				
		01.00- 01.00	111353	14 70				
		01.02- 01.03	111353	14 70				
Jetta 1.9	[AAZ]	01.02- 01.03	111989	14 90				
		01.00- 01.00	111353	14 70				
		10.92- 01.95	111352	14 70	10.92- 01.95	112131	12 1.4	
Jetta 1.9 TDi	[AHU]	01.93- 01.95	111353	14 70	01.93- 01.95	111748	12 1.1	
		01.93- 01.95	111477	14 90				
		01.97- 01.97	111353	14 70				
		01.97- 01.97	111477	14 90				
		01.97- 01.97	111988	14 120				

VW Continued

	[ALH]	01.02- 01.02	112002	14 120	A47		
		01.02- 01.02	112079	14 90	A47		
		01.02- 01.02	115483	14 120	A49		
		01.99- 01.01	111353	14 70			
		01.99- 01.01	112075	14 70			
	[BEW]	01.04-	112002	14 120	A47		
		01.04-	112079	14 90	A47		
		01.04-	115483	14 120	A49		
	[AAZ]	01.96- 01.96	111352	14 70		01.96- 01.96	112005 12 1.1
		01.96- 01.96	111353	14 70			
		01.96- 01.96	111477	14 90			
Jetta 2.0	[ABA]	01.98-	111352	14 70		01.98-	111748 12 1.1
		01.98-	111353	14 70			
		01.98-	111477	14 90			
		01.98-	111479	14 90			
	[AVH]	01.01- 01.02	111353	14 70			
		01.03- 01.03	111989	14 90			
	[AZG]	01.01- 01.02	111353	14 70			
Jetta 2.0 Celebration Edit	[ABA]	01.04-	111989	14 90			
		01.04-	111353	14 70			
		01.04-	111989	14 90			
		01.95- 01.95	111352	14 70		01.95- 01.95	112005 12 1.1
		01.95- 01.95	111353	14 70		01.95-	111748 12 1.1
Jetta 2.0 City	[ABA]	01.95- 01.95	111477	14 90		01.95- 01.95	115504 12 1.1 A49
		01.95- 01.95	111479	14 90			
		01.95- 01.95	111352	14 70		01.95- 01.95	112005 12 1.1
		01.95- 01.95	111353	14 70		01.95-	111748 12 1.1
		01.95- 01.95	111477	14 90			
Jetta 2.0 GL	[ABA]	01.95- 01.95	111479	14 90			
		01.93-	111352	14 70		01.93-	111748 12 1.1
		01.94- 01.94	111353	14 70		01.94- 01.94	112005 12 1.1
		01.93-	111477	14 90		01.94- 01.94	115503 12 1.8 A49
		01.93-	111479	14 90		01.94- 01.94	115504 12 1.1 A49
	[AEG]	01.96- 01.96	111909	12 1.1		01.96- 01.96	111909 12 1.1
		01.97-	111900	12 1.8		01.97-	111900 12 1.8
		01.01- 01.01	111353	14 70			
		01.02- 01.02	111353	14 70			
		01.02- 01.02	111989	14 90			
		01.02- 01.02	111353	14 70			
Jetta 2.0 GLS	[ABA]	01.02- 01.02	111989	14 90			
		01.93-	111352	14 70		01.93-	111748 12 1.1
		01.93-	111477	14 90		01.94- 01.94	112005 12 1.1
		01.93-	111479	14 90		01.94- 01.94	115504 12 1.1 A49
		01.94- 01.94	111353	14 70		01.96- 01.97	111909 12 1.1
Jetta 2.0 GT	[ABA]	01.99- 01.00	111353	14 70			
		01.97- 01.97	111352	14 70		01.97- 01.97	111900 12 1.8
		01.97- 01.97	111353	14 70		01.98- 01.98	111748 12 1.1
		01.97- 01.97	111477	14 90			
		01.97- 01.97	111479	14 90			
Jetta 2.0 JAZZ	[ABA]	01.97- 01.97	111352	14 70		01.97- 01.97	111748 12 1.1
		01.97- 01.97	111353	14 70			
		01.97- 01.97	111477	14 90			
		01.97- 01.97	111479	14 90			
		01.97- 01.97	111352	14 70			
Jetta 2.0 K2	[ABA]	01.97- 01.97	111353	14 70			
		01.98- 01.98	111352	14 70		01.98- 01.98	111748 12 1.1
		01.98- 01.98	111353	14 70			
		01.98- 01.98	111477	14 90			
		01.98- 01.98	111479	14 90			
Jetta 2.0 Trek	[ABA]	01.96- 01.96	111352	14 70		01.96- 01.96	111909 12 1.1
		01.96- 01.96	111353	14 70			
		01.96- 01.96	111477	14 90			
		01.96- 01.96	111479	14 90			
		01.97- 01.97	111352	14 70		01.97- 01.97	111900 12 1.8
Jetta 2.0 Trek II	[ABA]	01.97- 01.97	111353	14 70			
		01.97- 01.97	111477	14 90			
		01.97- 01.97	111479	14 90			
		01.97- 01.97	111352	14 70			
		01.97- 01.97	111353	14 70			
Jetta 2.0 Wolfsburg Edition	[ABA]	01.96- 01.96	111477	14 90		01.96- 01.96	111909 12 1.1
		01.96- 01.96	111479	14 90			
		01.96- 01.96	111352	14 70			
		01.96- 01.96	111353	14 70			
		01.96- 01.96	111477	14 90			
Jetta 2.0 16V GLi	[9A]	01.90- 01.92	112750	14 90			
Jetta 2.0 16V GTX	[9A]	01.90- 01.92	112750	14 90			
Jetta 2.8 GLi	[BDF]	01.03-	111353	14 70			
		01.03-	112075	14 70			
Jetta 2.8 GLS	[AFP]	01.99- 01.02	111353	14 70			
		01.99- 01.02	112075	14 70			
	[BDF]	01.02- 01.02	111353	14 70			
		01.02- 01.02	112075	14 70			
Jetta 2.8 GLX	[AFP]	01.99- 01.02	111353	14 70			
		01.99- 01.02	112075	14 70			
	[BDF]	01.02- 01.02	111353	14 70			
		01.02- 01.02	112075	14 70			
	[AAA]	01.94-	111353	14 70			
		01.94-	111477	14 90			
Jetta IV 1.6		01.99- 01.99	112075	14 70			
		01.91- 01.91	110913	14 70		01.91- 01.91	111060 12 1.7
		01.91- 01.91	111154	14 65			
		01.91- 01.91	111288	14 65			
Jetta IV 1.6 GL		01.92- 01.92	110913	14 70		01.92- 01.92	111060 12 1.7
		01.92- 01.92	111288	14 65			
		01.92- 01.92	111288	14 65			
Karmann Ghia 1.5	[H]					01.67- 01.67	110363 12 0.7
Karmann Ghia 1.6	[AE]					01.71- 01.73	110363 12 0.7
						01.72- 01.72	110363 12 0.7
						01.73- 01.74	110363 12 0.7
						01.70- 01.70	110363 12 0.7
						01.70- 01.70	110363 12 0.7
Passat 1.8 Super	[PG]	01.92-	111477	14 90		01.92-	112321 12 1.1
		01.92-	111479	14 90		01.92-	115503 12 1.8 A49
						01.93-	112309 12 1.4
						01.93-	116344 12 1.4
						01.94-	112131 12 1.4



Passat 1.8 Super Syncro	[PG]	01.92- 01.92-	111477 111479	14 90 14 90	01.92- 01.92-	112309 116344	12 1.4 12 1.4
Passat 1.8 Turbo	[AUG] [AEB]	01.00- 01.01 01.99- 01.99	112399 111478	14 90 14 90	01.99- 01.99	115503	12 1.8 A49
	[ATW] [AWM]	01.00- 01.01 01.01- 01.03	112399 112399	14 90 14 90			
Passat 1.8 Turbo GLS	[AEB]	01.98- 01.98	111478	14 90	01.98- 01.98	111749	12 1.1
Passat 1.9	[AAZ]	01.92- 01.94 01.92- 01.94 01.92- 01.94	111352 111353 111477	14 70 14 70 14 90	01.92- 01.94 01.92- 01.94 01.92- 01.94	111060 112321 116703	12 1.7 12 1.1 12 1.4
Passat 1.9 TDi	[1Z]	01.96- 01.96 01.96- 01.96 01.96- 01.96 01.96- 01.96	111352 111353 111477 111479	14 70 14 70 14 90 14 90	01.96- 01.96 01.96- 01.96 01.96- 01.96	111060 112321 111749	12 1.7 12 1.1 12 1.1
	[AHU]	01.97- 01.97 01.97- 01.97 01.97- 01.97 01.97- 01.97	111352 111353 111477 111479	14 70 14 70 14 90 14 90	01.97- 01.97 01.97- 01.97 01.97- 01.97	111060 112321 111748	12 1.7 12 1.1 12 1.1
	[ALH]	01.98- 01.98	111478	14 90	01.98- 01.98	111749	12 1.1
Passat 2.0	[9A]	01.90- 01.92 01.94-	112750 111477	14 90 14 90	01.94-	111900	12 1.8
Passat 2.0 CL	[9A]	01.92- 01.92	112750	14 90			
Passat 2.0 GL	[9A]	01.90- 01.93	112750	14 90			
Passat 2.0 GLS	[ABA]	01.95-	111477	14 90	01.95- 01.96- 01.96	111900 111748	12 1.8 12 1.1
Passat 2.8	[AHA]	01.99- 01.99 01.99- 01.99	112399 112806	14 90 14 120			
	[ATQ]	01.00- 01.02	112399	14 90			
Passat 2.8 4 Motion	[ATQ]	01.01- 01.02	112399	14 90			
Passat 2.8 GLS	[AHA] [AAA]	01.98- 01.98 01.93- 01.93 01.93- 01.93	112806 111353 111477	14 120 14 70 14 90	01.93- 01.93 01.93- 01.93	111060 112309	12 1.7 12 1.4
Passat 2.8 GLX	[AHA] [AAA]	01.98- 01.98 01.93- 01.93 01.93- 01.93	112806 111353 111477	14 120 14 70 14 90	01.93- 01.93 01.93- 01.94 01.93- 01.93 01.93- 01.94	111060 112321 112286 112131	12 1.7 12 1.1 12 1.7 12 1.4
Passat 2.8 VR6 GLX	[AAA]	01.95- 01.95	111477	14 90	01.95- 01.95	111748	12 1.1
Passat CC 3.6 FSI	[BLV] [CNNA]	06.08- 01.12 06.08- 01.12	116438 116438	14 180 14 180			
Passat CC 3.6 FSI 4motion	[BLV] [CNNA]	06.08- 01.12 06.08- 01.12	116438 116438	14 180 14 180			
Quantum 1.6 Turbo DLX	[CY]	01.82- 01.83	111035	14 65			
Quantum 1.7 Custom	[WT]	01.82- 01.83 01.82- 01.83	110913 111139	14 70 14 75	01.82- 01.83	110865	12 0.95
Quantum 1.7 DLX	[WT]	01.82- 01.83 01.82- 01.83	110913 111139	14 70 14 75	01.82- 01.83	110865	12 0.95
Quantum 1.8	[JN]	01.85-	110919	14 65	01.85-	111010	12 1.4
Quantum 1.8 GL Custom	[JN]	01.84-	110919	14 65	01.84-	111010	12 1.4
Quantum 1.8 GL Deluxe	[JN]	01.84-	110919	14 65	01.84-	111010	12 1.4
Quantum 2.2	[KX]	01.85- 01.87	112729	14 90			
Quantum 2.2 Custom	[WE]	01.83- 01.83	111139	14 75			
Quantum 2.2 GL	[KX]	01.88- 01.88	112729	14 90			
Quantum 2.2 GL Custom	[KM] [KX]	01.84- 01.85 01.85- 01.87	111139 112729	14 75 14 90			
	[WE]	01.84-	111139	14 75	01.84-	111010	12 1.4
Quantum 2.2 GL Deluxe	[KM] [WE]	01.84- 01.84 01.84-	111139 111139	14 75 14 75			
Quantum 2.2 Syncro	[JT] [KX]	01.86- 01.87 01.88- 01.88	112729 112729	14 90 14 90			
Rabbit 1.5	[CK]	01.77- 01.80 01.77- 01.80	110360 110913	14 45 14 70	01.77- 01.80	110864	12 0.7
Rabbit 1.5	[EH] [FC]	01.79- 01.79 01.75- 01.75 01.75- 01.75	110913 110360 110913	14 70 14 45 14 70	01.75- 01.75	110864	12 0.7
	[FG]	01.75- 01.75 01.75- 01.75	110360 110913	14 45 14 70	01.75- 01.75	110864	12 0.7
	[FX]	01.78-	110913	14 70	01.79-	110864	12 0.7
Rabbit 1.6	[CR]	01.81- 01.83 01.81- 01.83	110913 111035	14 70 14 65	01.81- 01.83	110864	12 0.7
Rabbit 1.6 GL DLX	[CR]	01.83- 01.83-	110913 111035	14 70 14 65	01.83-	110864	12 0.7
	[JK]	01.83- 01.83-	110913 111035	14 70 14 65	01.83-	110864	12 0.7
Rabbit 1.6 L	[CR]	01.83- 01.83 01.83- 01.83	110913 111035	14 70 14 65	01.83- 01.83	110864	12 0.7
	[JK]	01.83- 01.83-	110913 111035	14 70 14 65	01.83-	110864	12 0.7
Rabbit 1.6 L Custom	[CR]	01.81- 01.81 01.81- 01.81	110913 111035	14 70 14 65			
Rabbit 1.6 LS Custom	[CR]	01.83- 01.83 01.83- 01.83	110913 111035	14 70 14 65	01.83- 01.83	110864	12 0.7
	[JK]	01.83- 01.83-	110913 111035	14 70 14 65	01.83-	110864	12 0.7
Rabbit 1.6 LS Deluxe	[CR]	01.81- 01.81 01.81- 01.81	110913 111035	14 70 14 65			
Rabbit 1.6	[EE] [EJ]	01.77- 01.77 01.80- 01.80	110913 110913	14 70 14 70			
	[FN]	01.76- 01.76 01.76- 01.76	110360 110913	14 45 14 70	01.76- 01.76	110864	12 0.7
Rabbit 1.7	[EN]	08.80- 01.81 01.81- 01.82	111653 110913	14 45 14 70	01.81- 01.82	110864	12 0.7
	[JF]	01.82-	110913	14 70			
Rabbit 1.7 GL DLX	[EN]	08.80- 01.81 01.83- 01.83	111653 110913	14 45 14 70	01.83- 01.83	110864	12 0.7



VW Continued

	[JF]	08.80- 01.81	111653	14	45	01.83-	110864	12	0.7
		01.83-	110913	14	70	01.83-	111060	12	1.7
Rabbit 1.7 L	[EN]	08.80- 01.81	111653	14	45	01.84- 01.84	110864	12	0.7
		01.84- 01.84	110913	14	70				
	[JF]	08.80- 01.81	111653	14	45	01.83- 01.83	110864	12	0.7
		01.83- 01.83	110913	14	70				
Rabbit 1.7 L Custom	[EN]	08.80- 01.81	111653	14	45				
		01.82-	110913	14	70				
	[JF]	01.82-	110913	14	70				
Rabbit 1.7 LS Custom	[EN]	08.80- 01.81	111653	14	45	01.83- 01.83	110864	12	0.7
		01.83- 01.83	110913	14	70				
	[JF]	08.80- 01.81	111653	14	45	01.83-	110864	12	0.7
		01.83-	110913	14	70				
Rabbit 1.7 LS Deluxe	[EN]	08.80- 01.81	111653	14	45				
		01.82-	110913	14	70				
	[JF]	01.82-	110913	14	70				
Rabbit 1.7 GTi Sport	[EN]	01.83-	110913	14	70				
Rabbit 1.8	[JH]	01.83- 01.83	110913	14	70				
		01.84- 01.84	110919	14	65				
Rabbit 1.8 GTi Sport	[JH]	01.83- 01.84	110913	14	70	01.83- 01.84	110864	12	0.7
Scirocco 1.5	[EH]	01.78-	110913	14	70	01.78-	110864	12	0.7
	[FC]	01.75- 01.75	110360	14	45	01.75- 01.75	110864	12	0.7
		01.75- 01.75	110913	14	70				
	[FG]	01.75- 01.75	110360	14	45	01.75- 01.75	110864	12	0.7
		01.75- 01.75	110913	14	70	01.75- 01.75	111059	12	0.9
Scirocco 1.6	[EE]	01.77- 01.77	110913	14	70	01.77- 01.77	110864	12	0.7
	[EJ]	01.79- 01.80	110913	14	70	01.79- 01.80	110864	12	0.7
	[FN]	01.76- 01.76	110360	14	45	01.76- 01.76	110864	12	0.7
		01.76- 01.76	110913	14	70				
Scirocco 1.7 DLX	[EN]	01.81- 01.83	110913	14	70	01.81- 01.83	110864	12	0.7
						01.82-	111059	12	0.9
Scirocco 1.8	[JH]	01.88- 01.88	112149	14	65				
		01.88- 01.88	112729	14	90				
Scirocco 1.8 DLX	[JH]	01.83- 01.83	110913	14	70	01.83- 01.83	110864	12	0.7
		01.84- 01.85	110919	14	65	01.83-	111059	12	0.9
		01.86- 01.87	112149	14	65				
		01.86- 01.87	112729	14	90				
Scirocco 1.8 16V	[PL]	01.87- 01.88	112149	14	65				
		01.87- 01.88	112729	14	90				
Spacefox / Spacecross 1.6 Total Flex 16V		10.14-	116204	14	90				
Squareback 1.6	[P]					01.68- 01.73	110363	12	0.7
	[T]					01.67- 01.67	110363	12	0.7
	[U]					01.68- 01.73	110363	12	0.7
	[X]					01.72- 01.73	110363	12	0.7
Super Beetle 1.6	[AE]					01.71- 01.73	110363	12	0.7
	[AH]					01.73- 01.74	110363	12	0.7
	[AJ]					01.75- 01.75	110363	12	0.7
	[AK]					01.73- 01.74	110363	12	0.7
Transporter 1.5	[H]					01.67- 01.67	110363	12	0.7
Transporter 1.6	[AD]					01.71- 01.71	110363	12	0.7
	[AE]					01.71- 01.71	110363	12	0.7
	[AF]					01.71- 01.71	110363	12	0.7
	[B]					01.69- 01.70	110363	12	0.7
	[C]					01.69- 01.70	110363	12	0.7
Transporter 1.6 211	[AD]					01.71- 01.71	110363	12	0.7
	[AE]					01.71- 01.71	110363	12	0.7
	[AF]					01.71- 01.71	110363	12	0.7
Transporter 1.6 215	[AD]					01.71- 01.71	110363	12	0.7
	[AE]					01.71- 01.71	110363	12	0.7
	[AF]					01.71- 01.71	110363	12	0.7
Transporter 1.6 261	[AD]					01.71- 01.71	110363	12	0.7
	[AE]					01.71- 01.71	110363	12	0.7
	[AF]					01.71- 01.71	110363	12	0.7
Transporter 1.6 265	[AD]					01.71- 01.71	110363	12	0.7
	[AE]					01.71- 01.71	110363	12	0.7
	[AF]					01.71- 01.71	110363	12	0.7
Transporter 1.7	[CA]					01.72- 01.72	110363	12	0.7
	[CB]					01.72- 01.72	110363	12	0.7
	[CD]					01.73- 01.73	110363	12	0.7
	[CE]					01.73- 01.73	110363	12	0.7
Transporter 1.7 211	[CA]					01.72- 01.72	110363	12	0.7
	[CB]					01.72- 01.72	110363	12	0.7
	[CD]					01.73- 01.73	110363	12	0.7
	[CE]					01.73- 01.73	110363	12	0.7
Transporter 1.7 215	[CA]					01.72- 01.72	110363	12	0.7
	[CB]					01.72- 01.72	110363	12	0.7
	[CD]					01.73- 01.73	110363	12	0.7
	[CE]					01.73- 01.73	110363	12	0.7
Transporter 1.8	[AP]					01.74- 01.75	110363	12	0.7
	[AW]					01.74- 01.74	110363	12	0.7
	[ED]					01.74- 01.75	110363	12	0.7
Transporter 1.8 211	[AP]					01.74- 01.74	110363	12	0.7
	[AW]					01.74- 01.74	110363	12	0.7
	[ED]					01.74- 01.74	110363	12	0.7
Transporter 2.0	[CJ]					01.76- 01.78	110858	12	0.7
Transporter 2.1	[MV]	01.86- 01.91	112729	14	90	01.86- 01.91	110858	12	0.7
Transporter 2.5	[AAF]	01.93- 01.93	111353	14	70	01.93- 01.93	110858	12	0.7
		01.93- 01.93	111477	14	90				
						01.93- 01.93	111060	12	1.7
Vanagon 1.6	[CS]	01.82- 01.82	110913	14	70	01.82- 01.82	110858	12	0.7
						01.83- 01.83	111069	12	1.7
Vanagon 1.6 Campmobile	[CS]	01.82- 01.82	110913	14	70	01.82- 01.82	110858	12	0.7
						01.83- 01.83	111069	12	1.7
Vanagon 2.1	[MV]	01.86- 01.86	112729	14	90	01.86- 01.86	111069	12	1.7
Vanagon 2.1 Campmobile	[MV]	01.86- 01.91	112729	14	90				
Vanagon 2.1 Syncro	[MV]	01.86- 01.91	112729	14	90				
Vento 1.6						07.10-	115696	12	1.1
PASSENGER CARS AO									
Amarok 2.0 TDI	[CNEA]					11.11-	116248	12	2.2
	[CSHA]					11.11-	116248	12	2.2



Fox 1.0 Alcohol	[BNX]	10.03-	111989	14	90			
Fox 1.6	[BAH]	10.03-	111989	14	90			
Golf I 1.6 TD CL						08.83- 07.92	111059	12 0.9
Golf II 1.6 TD CL						08.83- 07.92	111059	12 0.9
Golf III 2.0	[AEP]					01.95- 12.97	115504	12 1.1 A49
						08.95- 04.96	111909	12 1.1
Golf III 2.0 GL	[AEP]					01.95- 12.97	115504	12 1.1 A49
						08.95- 09.97	111909	12 1.1
Golf III 2.8 VR6	[AAA]					08.95- 09.97	114160	12 1.8
Golf IV 1.9 TDi	[ARL]	06.01-	112002	14	120 A47	06.01-	112429	12 2.0
		06.01-	112079	14	90 A47			
		06.01-	113340	14	70			
		06.01-	114789	14	90 A49			
		06.01-	115483	14	120 A49			
Golf V 2.0	[BWA]					06.07-	113773	12 1.1
Jetta 1.8 Syncro	[RH]					07.87- 10.91	111059	12 0.9
Jetta 2.5 FSi	[CBTA]					04.10-	116703	12 1.4
	[CUBA]					04.10-	116703	12 1.4
	[CCC]					07.08- 10.10	116703	12 1.4
	[CCCA]					04.10-	116703	12 1.4
LT 28-35 2.8 TDi	[AGK]					02.97- 12.98	114304	12 2.3
	[BCQ]					05.01- 06.06	114304	12 2.3
New Beetle 2.5 Turbo	[BPR]					07.05- 09.10	116703	12 1.4
	[BPS]					07.05- 09.10	116703	12 1.4
Passat 1.8	[KR]					08.91- 09.93	111909	12 1.1
						08.91- 09.93	115504	12 1.1 A49
Passat 1.8 GL	[KR]					08.91- 09.93	111909	12 1.1
						08.91- 09.93	115504	12 1.1 A49
Passat 1.8 T	[AWM]					05.02- 08.05	112321	12 1.1
						05.02- 08.05	114179	12 1.2
Polo 1.8 GTi Cup Edition	[BBU]	05.06-	111989	14	90	05.06-	114163	12 1.1
		05.06-	112002	14	120	05.06-	116703	12 1.4
		05.06-	115483	14	120 A49			
Polo 2.0	[BBX]	09.02-	112002	14	120 A47	09.02-	115696	12 1.1
		09.02-	115483	14	120 A49			
Polo Classic 1.4						12.95-	112307	12 1.1
Polo Classic 1.9 Diesel						01.96- 10.96	112286	12 1.7
Santana 1.8 GL	[DSN]	08.85-	112149	14	65			
Spacefox 1.9 SDi	[ASY]					09.07-	112438	12 2.0 A49
						09.07-	116335	12 2.0
Transporter 2.5 TDi T5	[BLJ]	11.03-	113947	14	180	11.03-	113841	12 1.7
Transporter 3.2 T5 4 Motion	[BDL]	11.03- 06.06	112002	14	120 A47	11.03- 06.06	112052	12 2.2
		11.03- 06.06	115483	14	120 A49	11.03- 06.06	113841	12 1.7
	[BKK]	11.03-	112002	14	120 A47	11.03-	112286	12 1.7
		11.03-	115483	14	120 A49	11.03-	113841	12 1.7
	[CFLA]	11.03-	112002	14	120 A47	AT 11.03-	113387	12 2.0
		11.03-	115483	14	120 A49	11.03-	113841	12 1.7
Transporter 3.2 V6 T5 4 Motion	[BKK]	11.03-	112002	14	120 A47	11.03-	111060	12 1.7
		11.03-	115483	14	120 A49	11.03-	113841	12 1.7
	[CFLA]	11.03-	112002	14	120 A47	11.03-	113678	12 2.2
		11.03-	115483	14	120 A49	11.03-	115507	12 2.2 A49
Vento 2.0 GL	[AEP]					05.96- 12.97	111909	12 1.1
						05.96- 12.97	115504	12 1.1 A49
VW (FAW)								
PASSENGER CARS AO								
Golf 1.6	[CSRA]					12.13-	115696	12 1.1
Jetta 1.4	[CKAA]					03.13- 07.19	115696	12 1.1
	[CSTA]					10.14- 07.19	115696	12 1.1
Jetta 1.6						03.13- 07.19	115696	12 1.1
Santana 1.6						12.12- 12.18	115696	12 1.1
VW (SWW)								
PASSENGER CARS AO								
Gran 1.6	[CSRA]					07.13-	115696	12 1.1
Santana 1.4	[CKAA]					12.12-	115696	12 1.1
Weichai								
MARINE								
WD615							114327	24 5.5
MOTORS								
WD615							114327	24 5.5
Yale								
FORK LIFTS								
GDP25-30TF Diesel							111273	12 2.7
GDP35LG Forklifts	[1104C-44]		114772	14	95		113654	12 3.0
			116456	14	95		114264	12 4.2
GDP40LG Forklifts	[1104C-44]		114772	14	95		113654	12 3.0
			116456	14	95		114264	12 4.2
GDP45MG Forklifts	[1104C-44]		114772	14	95		113654	12 3.0
			116456	14	95		114264	12 4.2
GDP50MG Forklifts	[1104C-44]		114772	14	95		113654	12 3.0
			116456	14	95		114264	12 4.2
GDP55MG Forklifts	[1104C-44]		114772	14	95		113654	12 3.0
			116456	14	95		114264	12 4.2
GP030-040SVX Forklifts	[4TNE92]		115320	14	45		112676	12 2.2
GP040-070SVX Forklifts	[4TNE92]		115320	14	45		112676	12 2.2
GP040-070VX Forklifts	[4TNE92]		115320	14	45		112676	12 2.2
GP030VX Forklifts	[4TNE92]		115320	14	45		112676	12 2.2
GP030VX GP035VX & GP40VX Forklifts	[4TNE92]		115320	14	45		112676	12 2.2
GP040VX GP050VX GP060VX & GP070VX Forklifts	[4TNE92]		115320	14	45		112676	12 2.2
GP050VX & GP060VX Forklifts	[4TNE92]		115320	14	45		112676	12 2.2
Various Models 4.3	[GM Vortec]						115985	12 1.6
Various Models	[DBFE]						111005	12 0.8
	[DBHA]						111273	12 2.7
	[HA]						111273	12 2.7
	[XA]						111273	12 2.7
							110182	12 0.9
							113172	12 2.0
							113985	12 2.7
							114394	12 2.2



YALE Continued

VERACITOR VX SER. 16-20 Forklifts	[4TNE92]	115320	14	45			112676	12	2.2	
VERACITOR VX SER. 20-35 Forklifts	[4TNE92]	115320	14	45			112676	12	2.2	
INDUSTRY										
E360HD2-EC4 Rough Terrain Forklifts	[QSB6.7]	116317	28	70			114326	24	7.5	
GDP230DC Forklifts	[QSB6.7]	116317	28	70			114326	24	7.5	
GDP280DC Forklifts	[QSB6.7]	116317	28	70			114326	24	7.5	
GDP300DC Forklifts	[QSB6.7]	116317	28	70			114326	24	7.5	
GDP330DC Forklifts	[QSB6.7]	116317	28	70			114326	24	7.5	
GDP360DC Forklifts	[QSB6.7]	116317	28	70			114326	24	7.5	
GP190-280DC HIGH CAPACITY Rough	[QSB4.5]	116317	28	70						
GP300EC GP330EC & GP360EC HIGH	[QSB6.7]	116317	28	70			114326	24	7.5	
Yamaha										
MOTOR BIKES										
Various Models							111917	12		
							113545	12	0.4	
							113546	12		
XV700 0.7						01.84- 01.85	113540	12		
XV750 0.7						01.81- 01.83	113540	12		
XV920 0.9						01.81- 01.83	113540	12		
MARINE										
115						01.84- 01.95	111766	12	1.1	
130						01.88- 01.96	111766	12	1.1	
150						01.85- 01.96	111766	12	1.1	
175						01.85- 01.96	111766	12	1.1	
200						01.84- 01.96	111766	12	1.1	
C 115						01.91- 01.96	111766	12	1.1	
C 150						01.96- 01.96	111766	12	1.1	
ESX1200						01.89- 01.99	112011	12		
EXT1100						01.96- 01.98	112011	12		
EXT1200						01.98- 01.99	112011	12		
F 50						01.96- 01.02	111766	12	1.1	
F40						01.99- 01.99	111766	12	1.1	
FX700 0.7						01.94- 01.95	111917	12		
GP1200 1.2						01.97- 01.02	112011	12		
GP1300 1.3						01.03- 01.05	112011	12		
GP800 0.8						01.98- 01.05	112011	12		
L 130						01.89- 01.96	111766	12	1.1	
L 150						01.86- 01.96	111766	12	1.1	
L 200						01.86- 01.96	111766	12	1.1	
LST1200						01.99- 01.05	112011	12		
P 115						01.93- 01.96	111766	12	1.1	
P 150						01.91- 01.96	111766	12	1.1	
P 175						01.94- 01.96	111766	12	1.1	
RA1100 1.1						01.95- 01.96	112011	12		
RA700 0.7						01.94- 01.97	111917	12		
S 115						01.96- 01.96	111766	12	1.1	
S 130						01.96- 01.96	111766	12	1.1	
S 150						01.96- 01.96	111766	12	1.1	
S 175						01.96- 01.96	111766	12	1.1	
S 200						01.96- 01.96	111766	12	1.1	
SJ650 0.65						01.90- 01.93	111917	12		
SJ700 0.7						01.94- 01.05	111917	12		
SUV1200 1.2						01.99- 01.04	112011	12		
T 50						01.96- 01.02	111766	12	1.1	
Various Types						01.91-	115992	12	1.4	
WB700 0.7						01.93- 01.96	111917	12		
WRA650 0.65						01.90- 01.96	111917	12		
WRA700 0.7						01.94- 01.97	111917	12		
WVT1100 1.1						01.96- 01.97	112011	12		
WVT700 0.7						01.95- 01.98	111917	12		
XL1200 1.2						01.98- 01.00	112011	12		
XL700 0.7						01.99- 01.04	111917	12		
XL800 0.8						01.00- 01.01	112011	12		
XLT1200 1.2						01.01- 01.05	112011	12		
XLT800 0.8						01.02- 01.04	112011	12		
XRT1200						01.00- 01.01	112011	12		
Yanmar										
FORK LIFTS										
4DE94E	[4TNE94]	114209	14	60						
MARINE										
1GM						01.80-	111706	12	1.0	
2GM		113793	14	55			111706	12	1.0	
2T80L	[2T80L]						113924	12	1.4	
3GM		113793	14	55			111706	12	1.0	
3JH							113408	12	1.4	
3T84C	[3T84C]						113924	12	1.4	
3TN66						10.95- 01.98	112373	12	0.9	
3TN68						10.95- 01.98	112373	12	0.9	
4JH		113793	14	55			110485	12	1.4	
							113408	12	1.4	
							113924	12	1.4	
4JH3		114672	14	60						
4LH		112375	14	80			112374	12	2.5	
		113793	14	55						
6LP		01.97-	113715	14	80	01.97-	113207	12	2.8	
CT6 CT6	[6BT5.9]	111843	14	95						
CT6A CT6A	[6BTA5.9]	111843	14	95						
DT43 DT43	[BF4M1012E B]	116018	28	55			112494	24	4.0	
							112071	12	3.0	
Various Models 1.4	[F115TJR]	01.05-	112112	14	70	01.05-	111766	12	1.1	
						01.05-	112478	12	0.8	GR
						01.05-	116115	12	0.8	DD
						01.97-	113207	12	2.8	
Various Models	[2QM15]						112674	12	1.3	
	[2T73]						112674	12	1.3	
	[2TM15]						112674	12	1.3	
	[QM15]						112674	12	1.3	
							116112	12	2.5	
INDUSTRY										
4TNE106	[4TNE106]						114098	12	3.0	



B2 Sigma Excavators	[3TNV76]		113742	14	40				
GHP SRS Generator Sets	[GX160]					113671	12		
	[GX390]					113671	12		
SV20 Excavators	[3TNV76]		113742	14	40				
VIO 20 Excavators	[3TNV76]		113742	14	40				
VIO 25 Excavators	[3TNV76]		113742	14	40				
VIO 45 Excavators	[3TNV88]		113742	14	40	112374	12	2.5	
VIO 50U Excavators	[3TNV88]		113742	14	40	112374	12	2.5	
VIO 57U Excavators	[3TNV88]		113742	14	40	112374	12	2.5	
VIO20 (VIO20-3) Excavators	[3TNV76]		113742	14	40				
VIO25-6 Excavators	[3TNV76]		113742	14	40				
VIO30-6 Excavators	[3TNV88]		113742	14	40	112374	12	2.5	
VIO35-5B Excavators	[3TNV88]		113742	14	40	112374	12	2.5	
VIO35-6 Excavators	[3TNV88]		113742	14	40	112374	12	2.5	
MOTORS									
486	[TK 4.86]		113716	14	120				
2TN66E 3TNA72		01.91- 12.05	110620	14	35				
4TNV98	[4TNV98]					114874	12	3.0	
4TNV98T	[4TNV98T]					114874	12	3.0	
GA220 - GA340						112478	12	0.8	GR
						116115	12	0.8	DD
Various Models	[2QM20]		112112	14	70				
	[3TNV82]					110417	12	1.3	
						114281	12	1.7	
	[4TNE84]		113742	14	40	112296	12	1.0	
						114739	12	0.8	
						113690	12	1.0	DD
						116115	12	0.8	DD
Various Models	[2V78]					113976	12	1.4	
	[3TG66]		112671	14	60	110417	12	1.3	
			113401	14	40	11087	12	1.0	
						116144	12	3.0	
	[3TG72]		112671	14	60	110417	12	1.3	
			113401	14	40	112371	12	2.2	
	[3TNA72]					113680	12	0.9	
	[4TNE94]		114209	14	60	112478	12	0.8	GR
	[4TNE98]					116144	12	3.0	
			112669	14	80	112291	12	0.9	
			114672	14	60	112676	12	2.2	
						116112	12	2.5	
Zastava									
PASSENGER CARS EU									
101 1.1	[128A.000]	06.73- 01.90	111180	14	33				
		06.73- 01.90	116133	14	33	A49			
101 1.1 1100	[128A.064]	05.75- 12.93	111180	14	33				
		05.75- 12.93	116133	14	33	A49			
101 1.1 Super	[128AC5000]	07.79- 09.81	111180	14	33				
		07.79- 09.81	116133	14	33	A49			
101 1.3 1100	[128AR000]	01.79- 12.93	111180	14	33				
		10.81- 12.93	116133	14	33				
		07.89- 12.93	111035	14	65				
		07.89- 12.93	111148	14	65				
Yugo 0.9	[9A]	01.85- 06.92	111078	14	45				
Yugo 1.1 60 EFi	[100GL.064]	08.91- 12.93	111035	14	65				
	[11E1.064]	08.91- 12.93	111035	14	65				
Yugo 1.1 Florida	[138B.0000]	08.89- 12.93	111035	14	65				
Yugo 1.3	[13E.3.064]	03.91- 12.93	111035	14	65				
		03.91- 12.93	111148	14	65				
Yugo 1.3 65 EFi	[13E1.064]	08.91- 12.93	111035	14	65				
		08.91- 12.93	111148	14	65				
Yugo 1.4 Florida	[160A1.000]	10.88- 06.95	111035	14	65				
		10.88- 06.95	111148	14	65				
Yugo 1.6 Florida	[149A.000]	08.89- 12.93	111035	14	65				
		08.89- 12.93	111148	14	65				
ZTS Tees									
INDUSTRY									
Various Models			110621	14	55				



Application list

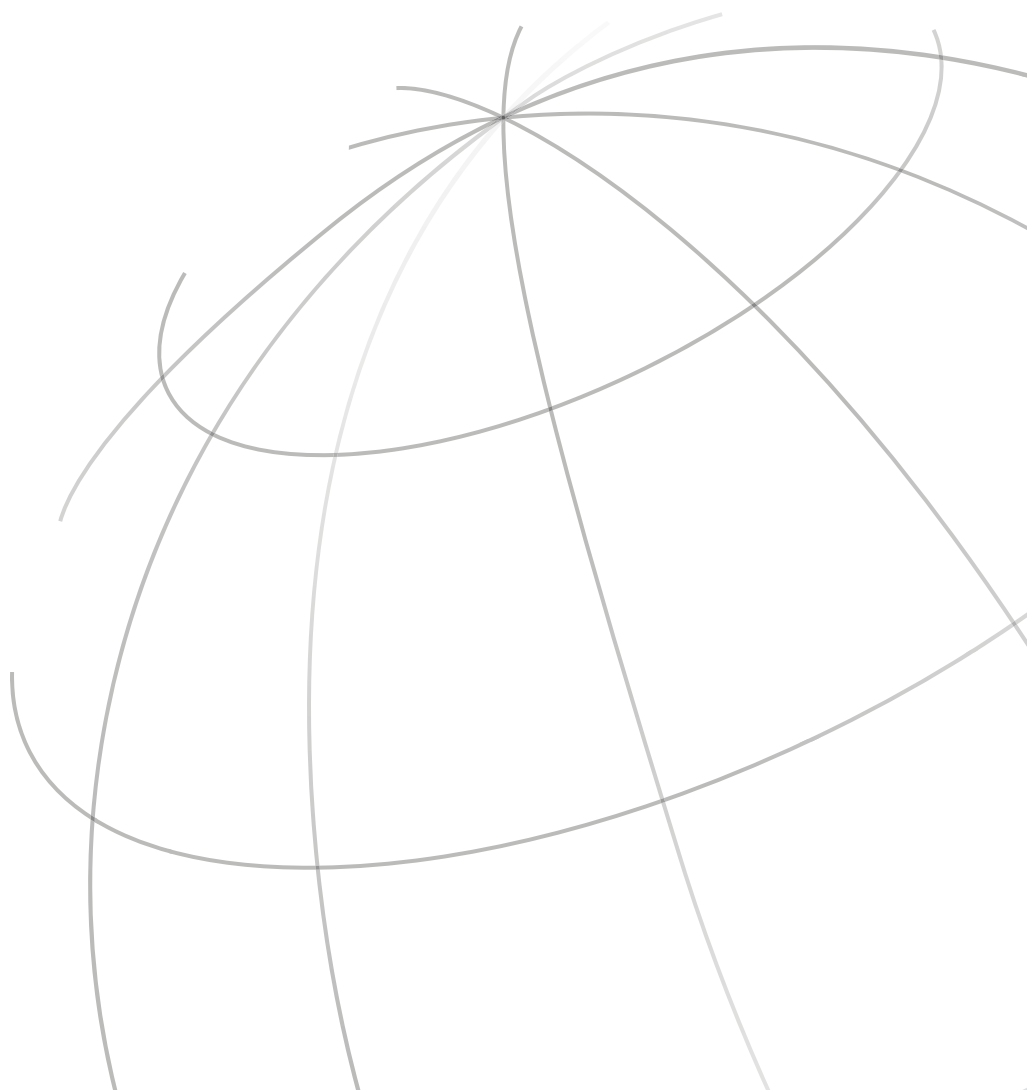
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Cross reference list

OE no. - HC-CARGO no.

Edition 2023-2025



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AD KÜHNER		10358	111069	10693	110443	20325	110149
1018	111102	10360	111851	10694	110449	20329	110256
1019	111103	10361	111115	10695	110450	20330	110421
1062	110363	10370	113134	10699	110980	20335	110152
1076	110772	10371	111025	10700	110566	20336	110154
1090	110365	10372	110847	10701	110459	20340	110156
1094	110856	10373	111070	10703	110615	20342	110158
1095	110367	10374	111619	10703	111737	20343	110155
1097	110527	10377	111400	10704	110640	20344	110809
1098	110214	10378	112533	10705	110818	20349	110158
1099	110205	10383	110534	10706	111755	20350	110158
3037	112098	10384	110535	10707	114181	20359	110386
3045	111180	10386	111120	10710	110208	20365	110389
3045	116133	10388	111637	10713	112286	20379	110386
3062	112098	10388	116376	10716	110368	20380	110394
9019	111225	10389	111489	10718	111001	20382	110396
9050	110482	10390	110584	10719	112235	20383	110396
9052	110483	10391	111638	10724	113910	20385	110397
9058	110484	10394	110518	10725	112309	20387	110402
10103	110536	10395	111755	10726	112132	20392	110708
10103	116139	10398	113467	10783	111047	20394	111475
10103	116312	10500	115540	10784	113481	20396	110479
10106	112660	10501	113464	10788	113750	20512	111310
10109	110439	10502	110582	10789	112286	20517	111805
10113	110775	10503	111752	10790	112235	20522	110719
10114	110536	10506	110208	10792	112553	20539	110575
10114	116139	10508	113845	10795	113381	20540	111558
10114	116312	10510	113846	10796	111422	20552	111683
10115	110858	10511	112135	10798	111214	20560	110713
10120	110524	10515	112172	10799	110551	20568	114318
10121	110212	10516	114118	10801	113387	20628	110811
10126	111100	10519	111123	10804	111004	20630	111561
10139	110352	10526	110213	10805	111003	20632	111544
10140	111054	10530	110523	10807	111015	20633	110807
10181	110831	10535	111127	10808	111097	20639	111559
10186	110525	10542	111029	10879	111848	20640	110808
10188	110368	10546	110209	10880	112307	20642	111387
10191	110206	10548	111694	10881	112119	20643	110958
10194	110512	10550	111332	10883	112124	20645	111442
10195	110531	10554	116327	10885	112053	20648	112214
10198	110206	10561	111214	10886	111508	20650	111445
10200	110462	10564	110532	10887	112555	20651	111136
10200	116137	10565	110533	10888	116571	20658	111241
10201	110565	10566	111130	10889	112267	20660	110574
10231	110517	10569	112321	10944	110545	20666	110581
10240	110529	10572	110813	10946	110442	20669	110411
10269	111640	10575	112295	10947	110444	20670	111451
10272	110996	10576	113389	10948	110460	20671	111552
10272	116349	10581	110584	10949	110464	20672	111303
10276	110864	10587	111865	10951	110537	20673	110421
10282	111010	10588	113745	10954	111219	20674	110182
10290	110839	10589	111865	10955	111218	20675	110245
10292	111489	10590	110441	10956	111217	20676	110246
10295	111060	10592	111131	10957	113705	20678	111299
10297	110865	10594	114460	10958	113705	20679	110573
10298	111061	10595	113468	10960	111906	20728	110415
10310	110585	10597	113677	10961	111374	20729	110417
10313	110996	10598	112167	10962	112116	20730	110447
10313	116349	10599	112052	10971	113701	20731	113924
10315	110367	10601	112131	10973	112436	20733	110490
10317	111063	10604	110545	10974	111900	20734	110720
10322	110839	10607	113465	10976	113674	20735	110941
10325	110867	10608	113466	10977	112251	20737	110552
10326	110587	10610	113346	10981	111420	20739	110555
10327	111347	10611	112454	10983	111231	20739	114164
10328	110842	10612	112321	10984	113446	20741	113203
10331	111065	10613	112290	10986	111680	20745	110568
10331	112440	10614	112131	10987	110818	20746	110580
10335	110530	10617	110981	10988	111904	20748	110723
10336	110465	10618	111748	10989	111399	20751	110256
10337	112251	10619	111749	10991	111404	20755	110142
10338	112541	10620	112166	10993	111398	20758	111385
10339	110465	10623	112136	10994	111346	20759	111312
10341	112290	10624	111694	10995	111304	20760	111455
10342	111070	10680	112818	10996	110530	20764	110411
10344	110365	10681	111251	10997	110440	20766	111459
10345	113380	10683	113847	20300	110142	20769	111461
10347	111112	10684	112295	20303	110277	20770	111476
10350	112537	10688	111231	20304	110278	20772	111728
10354	112295	10689	111693	20306	110280	20776	110820
10356	110844	10693	110442	20311	110249	20777	111913

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
20778	111098	60866	111183	101187	112430	101333	113608
20779	111108	60867	111190	101188	112431	101334	113843
20780	111197	60868	111222	101192	112382	101335	113430
20892	111565	60871	111043	101193	112474	101336	113910
20895	110933	60872	110647	101196	112434	101337	114174
20896	110938	60876	110647	101197	112435	101339	114837
20897	110940	60877	110216	101198	112436	101340	114106
20904	110616	60967	111043	101200	112438	101341	113908
20905	110617	60968	111041	101200	116335	101341	116062
20906	110961	60969	111277	101201	112439	101342	113926
20907	111005	60970	112341	101202	112440	101343	111909
20908	111021	101030	110538	101203	112441	101344	113929
20909	111087	101031	110539	101203	115505	101345	114035
20910	110962	101032	110819	101204	112388	101346	113719
20912	111463	101034	110932	101205	112442	101346	115869
20915	110572	101035	111047	101206	115951	101347	113773
20918	111455	101036	111490	101207	112475	101348	113676
20923	111307	101037	113752	101208	112443	101348	115883
20924	111382	101038	111585	101209	112444	101376	112442
20925	113040	101040	110214	101209	116340	101376	116130
20929	110942	101042	111685	101210	111849	101377	113911
20930	110944	101044	111851	101213	112445	101377	116157
20931	111224	101045	113430	101213	116336	101378	114723
20932	110245	101047	112236	101241	114051	101379	113962
20933	111189	101048	111908	101242	113662	101380	113934
20939	111485	101049	111865	101243	112446	101381	111982
20941	111534	101050	111906	101243	116135	101382	113760
20942	111492	101053	111685	101245	112821	101383	112822
20999	111559	101057	111641	101245	115870	101383	115880
30112	110743	101058	112340	101246	113794	101385	114095
30115	110743	101059	111619	101248	113277	101386	113672
30118	111141	101061	111910	101249	113282	101386	115881
30120	110611	101062	111909	101252	113930	101387	114171
30180	110766	101062	115504	101253	113281	101387	116338
30184	110906	101063	111823	101254	113286	101388	113830
30721	111331	101067	111911	101255	114814	101388	115884
40100	110128	101069	111885	101256	113292	101389	113935
40118	110258	101070	112340	101256	116342	101390	115523
40121	110133	101071	111724	101257	113276	101391	114030
40130	110137	101072	111168	101258	111699	101392	114096
40193	114288	101072	111768	101260	113254	101393	114062
40676	111613	101073	112173	101264	113931	101394	114179
40777	111483	101074	116344	101265	113925	101395	114341
40872	111042	101075	111347	101266	114160	101396	114119
40982	111484	101077	111771	101267	113759	101397	114173
50916	110075	101106	111334	101268	112498	101398	114315
50927	110237	101107	112235	101269	113609	101399	113891
50954	110408	101109	112026	101271	113303	101400	113859
50960	111193	101111	111994	101273	113927	101401	115947
60628	110227	101112	114523	101274	112581	101403	113906
60811	111000	101114	111995	101275	113905	101405	113678
60812	110223	101115	112014	101275	116159	101406	114091
60814	110227	101117	111931	101276	113932	101407	113963
60816	110228	101118	111996	101279	113979	101408	114092
60817	110230	101119	112005	101280	113353	101409	115333
60818	112897	101123	111793	101281	112474	101410	114093
60823	110999	101126	112074	101282	113515	101411	114094
60824	110602	101129	112055	101283	113513	101412	114740
60827	110347	101130	112071	101285	114033	101413	114297
60828	112341	101130	112555	101286	113509	101414	114178
60830	110414	101160	112103	101287	112286	101415	114074
60832	110468	101161	112116	101288	114161	101416	114854
60833	110469	101162	112440	101289	114162	101417	113960
60835	110472	101165	112221	101290	115354	101418	115341
60837	110231	101169	112224	101291	114124	101419	115398
60839	110506	101171	113446	101292	112823	101420	114073
60840	110569	101172	112220	101292	115872	101421	113959
60842	111222	101173	111332	101293	113842	101422	113860
60843	111383	101174	112218	101293	115508	101423	114177
60844	110602	101175	112301	101294	114163	101424	114232
60845	112267	101176	113677	101322	114175	101425	114057
60848	110510	101177	111070	101323	113841	101427	115327
60851	110634	101179	113761	101324	114176	101428	114058
60852	110635	101180	114233	101325	113673	101430	115641
60856	111012	101181	112429	101327	116039	101431	114159
60857	111760	101182	112304	101328	114127	101433	114820
60858	111034	101183	111123	101328	116160	101435	114317
60859	111786	101184	112041	101329	113933	101436	113819
60860	110602	101185	111855	101330	114034	101438	114298
60863	110999	101185	116128	101331	112055	101439	113964
60864	111000	101186	115442	101332	113897	101440	114316

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AD KÜHNER <i>Continued</i>							
101441	114778	201226	113267	254055	114260	254258	114268
101442	114180	201227	113445	254056	112036	254259	113725
101444	114061	201229	114502	254057	114032	254263	114266
101445	114295	201233	113314	254065	111931	254265	114397
101446	114732	201234	113329	254066	114685	254267	114168
101448	114853	201235	113319	254068	112374	254270	113428
101449	114054	201236	113271	254070	111247	254271	114401
101449	115516	201239	110485	254072	112249	254272	115428
101450	114886	201295	113323	254075	113984	254273	113020
101451	114310	201296	114059	254076	113706	254275	116041
101451	115888	201298	113327	254089	110519	254277	114482
101452	114487	201299	113313	254090	114169	254278	113669
101453	114068	201299	116412	254091	113931	254279	112371
101454	114283	201303	112322	254097	112390	254283	116045
101455	113629	201304	113521	254098	111272	254284	113532
101456	115637	201305	115522	254100	114762	254284	116535
101457	115627	201306	114763	254103	111573	254285	114319
101458	114389	201307	114199	254108	112249	254287	116074
101459	113638	201308	114125	254111	111300	254291	114477
101460	114217	201310	114060	254116	111374	254296	114279
101461	115360	201311	113659	254117	113723	254300	112277
101463	113851	201314	113928	254118	112546	254301	114259
101463	115885	201315	116644	254120	114738	254305	114690
101464	113466	201316	116644	254123	114398	254307	114029
101465	114892	201317	113795	254124	114098	254308	114220
101466	114689	201318	116565	254129	114021	254308	116132
101467	115335	201319	115349	254133	114340	254309	114447
101467	116059	201320	115950	254136	112676	254314	113207
101468	115642	201321	113965	254137	112494	254317	113905
101469	115639	201349	113796	254138	113191	254317	116159
101470	115611	201350	113601	254141	115535	254320	110212
101473	114072	201351	113445	254142	113044	254321	110522
101487	115538	201352	113702	254143	113231	254322	112507
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201005	111525	201355	113937	254145	114719	254329	115968
201006	111349	201356	112373	254147	114676	254331	115982
201007	111275	201358	114071	254148	114304	254334	112342
201009	111272	201359	114108	254150	116040	254336	113205
201010	111254	201360	114816	254151	116630	254337	114473
201011	111273	201361	115553	254156	113727	254338	114526
201014	110947	201362	114056	254157	112489	254339	110485
201016	113644	201363	114037	254157	114038	254344	114185
201021	111679	201364	115362	254158	114038	254348	114693
201022	111442	201365	113797	254160	113675	254352	113642
201023	113665	201366	111552	254163	113618	254358	114107
201087	110616	201367	115361	254165	114055	254358	114388
201088	111874	201368	115328	254166	114885	254358	116308
201089	112336	201369	114216	254167	111793	254359	114878
201090	113936	254001	112534	254169	114052	254364	113478
201091	111690	254002	113408	254171	110529	254364	116379
201094	111728	254003	112034	254172	110521	254366	114195
201096	111730	254005	112172	254178	114280	254368	114695
201098	114885	254006	114741	254179	112074	254371	114069
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201103	111785	254008	110520	254184	112178	254376	113897
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201139	111971	254015	114744	254191	112670	254389	112169
201140	111912	254016	116144	254193	113655	254392	116510
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201145	111706	254019	113181	254195	113480	254394	113977
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201155	113938	254033	112374	254224	113129	254409	114661
201158	112320	254034	111212	254228	112652	254411	110485
201159	112365	254036	112478	254229	112494	254413	114878
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201215	110249	254039	114394	254236	112963	254420	113901
201218	112367	254041	113132	254238	112897	254422	114332
201219	112368	254042	113551	254242	116379	254429	112488
201221	112370	254044	114711	254246	112563	254430	115375
201222	111224	254050	112474	254249	113184	254437	113732
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254458	111559	254642	115420	254938	111922	255248	116247
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254467	116286	254647	115337	254948	113546	255259	114872
254468	116474	254648	115635	254951	114182	255259	115875
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254476	112246	254657	114742	254960	113459	255276	115635
254477	113206	254662	112544	254963	111982	255276	115636
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254479	113821	254679	116525	254973	113017	255306	112649
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254633	115400	254920	113476	255238	114196	601026	110654

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AD KÜHNER <i>Continued</i>							
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AD KÜHNER <i>Continued</i>							
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AD KÜHNER <i>Continued</i>		ALFA ROMEO		ARCO MARINE			
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554397RI.....	116680	7782314.....	113942	5376.....	111043	A0036PR.....	113754
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554429RI.....	116033	46765838.....	113943			A0040PR.....	112043
554432RI.....	110620	46769369.....	113942			A0042.....	112274
554434RI.....	116291	46782213.....	113943			A0042(BOSCH).....	112274
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554587RI.....	116293	55186545.....	114234			A0049.....	113272
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				A0034SR.....	113351		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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A0065	116170	A0122	115618	A0170PR	113947	A0215PR	115487
A0066	115619	A0122PR	115617	A0170PR2	113947	A0215SR	114088
A0066PR	115619	A0122PR	115618	A0170SR	113947	A0215SR	115487
A0067	113302	A0122PR2	115617	A0173	111902	A0216	113871
A0068	113298	A0122PR2	115618	A0175	113295	A0216	115867
A0068PR	113298	A0122SR	115617	A0175PR	113295	A0216	116165
A0068SR	113298	A0122SR	115618	A0175SR	113295	A0216(P)	113871
A0069	110358	A0123	114212	A0176	111988	A0216(P)	115867
A0071	112193	A0124	114028	A0180	115621	A0216PR	113871
A0072	114296	A0124	115493	A0181	114769	A0216PR	115867
A0072	115489	A0125	112075	A0181PR	114769	A0217	113871
A0072PR	114296	A0127	112079	A0181PR2	114769	A0218	113274
A0072SR	114296	A0127	114789	A0182	113607	A0219	113352
A0072SR	115489	A0127(P)	112079	A0183	115541	A0220	114781
A0073	113289	A0127(P)	114789	A0184	110766	A0221	115976
A0073PR	113289	A0127PR	112079	A0185	112170	A0222	113953
A0073SR	113289	A0127PR	114789	A0186	111898	A0223	114040
A0074	113188	A0129	111820	A0187	113486	A0223PR	114040
A0074	115484	A0131	111353	A0188	116587	A0223SR	114040
A0074PR	113188	A0131(BOSCH)	111353	A0190	113992	A0224	115416
A0074PR	115484	A0133	111890	A0190(BOSCH)	113992	A0225	111824
A0074SR	113188	A0133PR	111890	A0190(BOSCH)P	113992	A0226	112426
A0074SR	115484	A0135	111978	A0190(P)	113992	A0226PR	112426
A0075	114701	A0135(P)	111978	A0190(P-INA)	113992	A0227	115678
A0076	116172	A0136	112427	A0190P	113992	A0227(P)	115678
A0077	111477	A0136	115871	A0190PR	113992	A0228	114701
A0077PR	111477	A0136(BOSCH)	112427	A0190PR2	113992	A0229	114829
A0077PR	111820	A0136(BOSCH)	115871	A0190PR3	113992	A0230	111514
A0078	111676	A0136PR	112427	A0190SR	113992	A0230R	111514
A0079	111820	A0136PR	115871	A0191	112190	A0231	113879
A0080	111820	A0136SR	112427	A0192	114008	A0231R	113879
A0080(BOSCH)	111820	A0136SR	115871	A0192SR	114008	A0232	114408
A0080PR	111820	A0137	114028	A0193	114007	A0232R	114408
A0081	111318	A0138	114212	A0193	115486	A0233	112079
A0082	111843	A0139	114212	A0194	114836	A0233(BOSCH)	113340
A0082SR	111843	A0139	115488	A0194S	114836	A0233PR	113340
A0083	113786	A0140	112190	A0195	116337	A0233R	113340
A0084	112736	A0140PR	112190	A0196	113273	A0236	113265
A0086	111287	A0141	111287	A0197	113447	A0236(BOSCH)	113265
A0087	111146	A0142	113640	A0199	113951	A0236PR	113265
A0087	116650	A0142(P)	113640	A0199PR	113951	A0236R	113265
A0088	113470	A0142(P-INA)	113640	A0199SR	113951	A0237	113947
A0089	113531	A0142PR	113640	A0200	113958	A0237(P-INA)	113947
A0091	110919	A0142SR	113640	A0200PR	113958	A0237(P-INA)	114109
A0093	112729	A0143	113882	A0200PR	114064	A0237SR	113947
A0094	112729	A0144	113300	A0200PR	115499	A0237SR	114109
A0097	110906	A0145	112144	A0200SR	113958	A0238	114431
A0097PR	110906	A0146	115709	A0200SR	114064	A0238PR	114431
A0097PR	113920	A0147	114765	A0200SR	115499	A0239	115843
A0098	110975	A0149	112407	A0201	113944	A0240	114311
A0099	110112	A0149PR	112407	A0201R	113944	A0240SR	114311
A0100	112784	A0150	114705	A0202	111352	A0241	114291
A0101	112288	A0150PR	114705	A0202PR	111352	A0242	114392
A0104	112746	A0150PR	115490	A0202SR	111352	A0243	115306
A0106	112765	A0151	111988	A0203	112747	A0244	114431
A0106SR	112765	A0153	112680	A0204	114391	A0244SR	114431
A0107	112453	A0154	115619	A0205	112428	A0245	113949
A0108	112345	A0154(P)	115619	A0205PR	112428	A0246	111154
A0108SR	111658	A0157	111873	A0205SR	112428	A0248	111216
A0108SR	112345	A0157PR	111873	A0206	113835	A0249	113186
A0109	113611	A0157SR	111873	A0207	115383	A0250	114036
A0112	112773	A0158	112419	A0208	116463	A0250	116116
A0114	112529	A0159	114200	A0208S	116463	A0251	116117
A0114	116129	A0159PR	114200	A0209	114656	A0251	116118
A0114PR	112529	A0160	113510	A0209(BOSCH)	114656	A0252	114202
A0114PR	116129	A0160PR	113510	A0209PR	114656	A0252PR	114202
A0114SR	111369	A0161	111946	A0209PR	116334	A0252SR	114202
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A0116	111732	A0165	113837	A0211PR	114089	A0256PR	113296
A0118	111988	A0165SR	113837	A0211PR	115495	A0257	116332
A0120	113284	A0166	113945	A0211SR	114089	A0258	114528
A0120	115491	A0166(P)	113945	A0211SR	115495	A0258	115496
A0120S	113284	A0167	114353	A0212	113187	A0260	114314
A0120S	115491	A0168	114354	A0213	114463	A0260	116514
A0120SR	113284	A0168(P)	114354	A0213PR	114463	A0261	114109
A0120SR	115491	A0169	112425	A0214	116101	A0261PR	114109
A0121	113352	A0169(P)	112197	A0214R	116101	A0262	111883

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AS-PL Continued							
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A0265	112530	A0346	114668	A0425PR	116012	A0516PR	116321
A0266	113877	A0346PR	114668	A0425PR	116120	A0516S	115455
A0266	116322	A0348	115304	A0425PR	116121	A0516S	116321
A0267	115904	A0349	115718	A0426	114121	A0517PR	113889
A0267S	115904	A0350	114211	A0427	112075	A0517S	113889
A0268	113755	A0351	113882	A0427PR	112075	A0518PR	111426
A0268(BOSCH)	113755	A0353	115458	A0428	112273	A0519PR	113874
A0269	113301	A0353	116177	A0428PR	112273	A0519S	113874
A0270	113871	A0353(BOSCH)	115458	A0429PR	116380	A0520PR	112418
A0270	115867	A0353(BOSCH)	116177	A0429S	116380	A0520S	112418
A0271	115367	A0354	115907	A0430	115708	A0521	113884
A0271PR	115367	A0356	113899	A0430	116352	A0521PR	113884
A0271SR	115367	A0358	113958	A0431	114230	A0522	113280
A0272	115318	A0359	115461	A0431PR	114230	A0524	116202
A0275	114312	A0359	116061	A0432	115412	A0525(BOSCH)	113895
A0275PR	114312	A0359PR	115461	A0432PR	115412	A0525S	113895
A0277	114454	A0359PR	116061	A0433	115712	A0526	116057
A0277S	114454	A0359S	115461	A0433PR	115712	A0527	115695
A0278	115382	A0359S	116061	A0434	112557	A0527PR	115695
A0279	115653	A0359S2	115461	A0438(BOSCH)	115576	A0528	114771
A0280	114771	A0359S2	116061	A0438S	115576	A0528PR	114771
A0280PR	114771	A0359SR	115461	A0439	115412	A0529	111987
A0281	115417	A0359SR	116061	A0439(BOSCH)	115412	A0531S	115759
A0282	115847	A0360	111824	A0442	115532	A0533PR	115730
A0283	114898	A0360PR	111824	A0444	113510	A0533S	115730
A0284	114724	A0362	114884	A0446	115433	A0536S	116632
A0284	116441	A0362PR	114884	A0446PR	115433	A0537PR	112229
A0285	115753	A0364	114064	A0446S	115433	A0538PR	116343
A0286	115532	A0364PR	114064	A0447	111842	A0538S	116343
A0287	115434	A0365	115765	A0449	111141	A0539S	113949
A0288	115544	A0365PR	115765	A0454	111141	A0544S	111732
A0288PR	115544	A0366	113770	A0455	111676	A0545S	116467
A0289	115365	A0368	114844	A0457PR	114722	A0547S	115952
A0290	115532	A0368PR	114844	A0459	115804	A0548S	112197
A0291	116060	A0368S	114844	A0461	116169	A0551PR	115901
A0291(BOSCH)	116060	A0369	115649	A0464	115966	A0551S	115901
A0292	114383	A0370	116098	A0464(P)	115966	A0552S	112196
A0292	116361	A0370	116433	A0465	116203	A0552S	115987
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A0295	115905	A0374	110923	A0467S	113992	A0556S	111096
A0296	112462	A0375	111169	A0470	111649	A0559S	114379
A0297	114257	A0380	111884	A0471PR	114697	A0561S	116195
A0299	115906	A0381	111893	A0471S	114697	A0564S	115412
A0300	110881	A0385	111354	A0473PR	116380	A0565S	116199
A0302	111850	A0387	112424	A0473S	116380	A0566S	116201
A0303	113510	A0388	110975	A0474	116232	A0567PR	116201
A0303PR	113510	A0389	112046	A0474PR	116232	A0567S	116201
A0305	114211	A0390	112535	A0476	115746	A0567S2	116201
A0306	114681	A0391	111828	A0477	111287	A0568S	114780
A0307	112189	A0395	111149	A0478	112780	A0568S	116354
A0307SR	112189	A0396	112343	A0479PR	112428	A0569PR	116200
A0308	113265	A0398	111828	A0480PR	112002	A0569S	116200
A0308PR	113265	A0403	116176	A0480PR	115483	A0570S	116057
A0309	114016	A0404	115908	A0480S	113275	A0570S	116081
A0309	116478	A0405	115909	A0481PR	112428	A0571S	114735
A0310	115767	A0405PR	115909	A0482	115576	A0573S	113283
A0310PR	115767	A0409	115910	A0482S	115576	A0573S	113751
A0311	116175	A0409	116583	A0483	114737	A0574S	112098
A0314	113716	A0411	113279	A0485	116174	A0576S	115901
A0320	113923	A0411PR	113279	A0486	115835	A0577S	114666
A0320	115879	A0412	114078	A0487	115521	A0580PR	115916
A0321	116038	A0412	115494	A0487S	115521	A0580S	115916
A0322	115529	A0413	113879	A0492	116195	A0581S	116098
A0328	114667	A0413PR	113879	A0492PR	116195	A0581S	116433
A0328PR	114667	A0414	114492	A0493	113958	A0582(BOSCH)	116462
A0329	114667	A0414PR	114492	A0495	115763	A0582S	116462
A0329PR	114750	A0415	113470	A0496	115452	A0583S	115370
A0331	116038	A0416	111987	A0497	115606	A0585S	111890
A0332	111318	A0417	114705	A0498	115606	A0588S	116546
A0334	115824	A0417PR	114705	A0498S	115606	A0592S	116383
A0334	116674	A0417PR	115490	A0499	116012	A0593(BOSCH)	112062
A0336	115846	A0419	112396	A0499PR	116012	A0593S	112062
A0338	114834	A0419(BOSCH)	112396	A0500	115764	A0594S	116381
A0340	116171	A0420(BOSCH)	112396	A0501	115714	A0595S	112194
A0341	112190	A0421(BOSCH)	115370	A0502	115671	A0596S	112194
A0341PR	112190	A0421PR	115370	A0502PR	115671	A0597S	116299
A0342	114663	A0422(BOSCH)	111094	A0504	116100	A0598S	116174
A0343	112196	A0422PR	111094	A0505	116080	A0599PR	116386

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A0599S	116386	A0705S	115753	A1007	110499	A2021SR	112351
A0600S	115805	A0706S	115621	A1008	112640	A2022	113956
A0600S	116457	A0708S	114836	A1009	112720	A2022(P)	113956
A0603S	116310	A0709S	116173	A1010	111514	A2022(P-INA)	113956
A0605S	112062	A0710S	116095	A1011	112416	A2022PR	113956
A0607PR	116195	A0711S	113707	A1011SR	112416	A2022SR	113956
A0608PR	115712	A0711S	116623	A1012	111514	A2023	113787
A0612PR	113352	A0712S	114701	A1013	111846	A2023(P)	113787
A0613PR	113871	A0713S	114825	A1014	112165	A2023SR	113787
A0613PR	115867	A0717S	111514	A1014PR	112165	A2025	112228
A0614PR	113879	A0718S	111369	A1015	113772	A2026	113376
A0615PR	112149	A0719S	115764	A1015PR	113772	A2028	110697
A0618PR	112149	A0723S	115414	A1015R	113772	A2030	113697
A0622S	110919	A0724S	113351	A1016	113771	A2031	110631
A0624(BOSCH)	116687	A0724S	115557	A1016PR	113771	A2032	111767
A0624S	116687	A0725S	113252	A1016R	113771	A2033	111316
A0626PR	115473	A0728S	116508	A1017	111232	A2035	113383
A0626S	115473	A0728S	116612	A1018	112160	A2036	110168
A0627PR	116193	A0730S	110913	A1019	116168	A2037	113698
A0627S	116193	A0730S	110975	A1020	114665	A2038	113941
A0628S	112557	A0731S	111980	A1020PR	114665	A2038(P-INA)	113941
A0629PR	112557	A0734S	115955	A1020SR	114665	A2039	113993
A0630(BOSCH)	113448	A0736S	114700	A1021	114512	A2040	115630
A0630(BOSCH)	116585	A0737S	115708	A1021(P)	114512	A2040S	115630
A0630S	113448	A0737S	116352	A1022	112824	A2041	114301
A0630S	116585	A0738S	114024	A1023	112995	A2044	113316
A0631PR	116036	A0740S	115416	A1025	114726	A2045	114782
A0632PR	112416	A0741S	112397	A1025(P)	114726	A2045	116108
A0632PR	113265	A0743S	113837	A1026	114779	A2046	116531
A0637PR	111353	A0744S	116197	A1026(P)	114779	A2055	116531
A0637SR	111353	A0746S	114146	A1027	115410	A2061	116104
A0638PR	113879	A0747S	113885	A1028S	110759	A2065	110168
A0640PR	113352	A0748S	114322	A1028S	111289	A2066	114121
A0640PR	116468	A0751S	114722	A1028S	111362	A2067	113418
A0640S	116468	A0753S	114290	A1029	114202	A2068	110706
A0643(BOSCH)	112428	A0754S	116692	A1029PR	115526	A2071	113997
A0645S	114296	A0758S	116198	A1031	115380	A2075	110385
A0645S	115489	A0763S	114463	A1031S	115380	A2076	111294
A0646S	115416	A0765PR	112079	A1032	115761	A2077	111186
A0647S	113949	A0765PR	114789	A1036	112834	A2077	113376
A0648PR	115617	A0765S	112079	A1039	115396	A2078S	116495
A0648PR	115618	A0765S	114789	A1040	114728	A2079S	116104
A0650S	113351	A0769S	115739	A1041	114114	A2089S	116107
A0650S	115557	A0771S	116632	A1042	111847	A2105PR	113440
A0651S	113351	A0777S	110975	A1043	115380	A2106S	115432
A0651S	115557	A0777S	111653	A1045	110544	A2107S	112271
A0654S	114407	A0779S	112806	A1046S	110801	A2108S	112086
A0654S	114880	A0780S	113632	A1050S	116291	A2112S	113787
A0654S	115577	A0786S	114452	A1051S	111846	A2114S	116106
A0659S	116006	A0787S	115837	A1052S	116317	A2119S	110458
A0662PR	112460	A0788S	111990	A1053P	115380	A2120S	112375
A0662S	112460	A0791S	116384	A1058S	114536	A2124S	113401
A0663PR	113942	A0792S	113376	A1061S	114235	A2126S	113793
A0665PR	116573	A0799PR	115617	A1064S	110591	A2127S	112671
A0665S	116573	A0799PR	115618	A1065S	113432	A2130S	114802
A0666PR	112557	A0809S	115654	A1066S	111232	A2132S	110267
A0666S	112557	A0817PR	111824	A1069S	112853	A2133S	112270
A0667PR	116234	A0818S	114212	A1079S	113685	A2134S	114262
A0667S	113862	A0818S	115488	A1085S	115680	A2135S	113347
A0667S	116234	A0819S	113291	A1089S	110233	A3001	110889
A0667S	116325	A0823S	114780	A2001	111515	A3003	113500
A0668PR	116035	A0823S	116354	A2001PR	111515	A3004	111321
A0668S	116035	A0824S	113351	A2003	112271	A3006	112756
A0669(BOSCH)	115808	A0824S	115557	A2003PR	112271	A3008	112769
A0669(BOSCH)	116684	A0826S	116591	A2003SR	112271	A3012	112162
A0669S	115808	A0827S	113351	A2004	111267	A3012SR	112162
A0669S	116684	A0827S	114008	A2005	111186	A3013	111075
A0670S	116519	A0827S	115557	A2005PR	111186	A3015	112230
A0675(BOSCH)	114834	A0828S	112079	A2005SR	111186	A3015	112292
A0676S	113913	A0828S	114789	A2006	113317	A3017	113603
A0678S	116675	A0829S	112329	A2007	111704	A3018	111720
A0679PR	114463	A0831PR	112193	A2008	111381	A3019	112681
A0682PR	113351	A1001	111426	A2009	111294	A3019PR	112681
A0682PR	115557	A1001PR	111426	A2010	111493	A3019SR	112681
A0683S	113758	A1002	111846	A2011	112272	A3020	110619
A0684S	114210	A1002PR	111846	A2012	110700	A3021	114026
A0685S	116459	A1002SR	111846	A2012ER	110700	A3022	112688
A0689S	111288	A1004	113350	A2013	111614	A3023	112480
A0691S	114510	A1005	113349	A2014	112093	A3023PR	112480
A0692S	114064	A1006	111712	A2016	111831	A3023SR	112480
A0704S	114468	A1006	112665	A2021	112351	A3027	112460

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AS-PL Continued							
A3027PR	112460	A3070(VALEO)	113881	A3114	116113	A3161	115867
A3028	111718	A3070PR	113881	A3114(VALEO)	114042	A3165	115919
A3029	112287	A3071	112002	A3114(VALEO)	116113	A3165S	115919
A3030	112189	A3072	112462	A3115	115912	A3166	114721
A3032	113405	A3073	112458	A3115(VALEO)	115912	A3167	115437
A3032	114707	A3073(P)	112458	A3116	114684	A3167(VALEO)	115437
A3032(VALEO)	113405	A3073(P-INA)	112458	A3116(VALEO)	114684	A3168	116184
A3032ER	113405	A3074	113755	A3117	114082	A3170	114039
A3032PR	113405	A3074PR	113755	A3117	116043	A3170(VALEO)	114039
A3032SR	113405	A3074SR	113755	A3117(VALEO)	114082	A3171	113403
A3033	113252	A3075	112800	A3117(VALEO)	116043	A3171PR	113403
A3034	113919	A3076	111788	A3118	113862	A3172	115815
A3035	113248	A3077	112458	A3118	116325	A3173	115409
A3035(P)	113248	A3078	113720	A3118(VALEO)	113862	A3173(VALEO)	115409
A3035ER	113248	A3078	116064	A3118(VALEO)	116325	A3174	114848
A3035PR	114673	A3078PR	113720	A3119	115411	A3175	115766
A3035S	114673	A3078PR	113722	A3119S	115411	A3176	114467
A3035SR	113248	A3078PR	115963	A3120	114509	A3178	115667
A3037	112471	A3078PR	116064	A3120(VALEO)	114509	A3182PR	111082
A3037(P)	112471	A3079	112059	A3120PR	114509	A3182PR	112728
A3037(P-INA)	112471	A3080	115856	A3120SR	114509	A3184	113652
A3037ER	112471	A3081	111478	A3122	113640	A3187	111937
A3037PR	112471	A3082	111943	A3122SR	113640	A3187PR	111937
A3037PR	114673	A3082(P)	111943	A3127	115916	A3188	113577
A3037SR	112471	A3082(P-INA)	111943	A3127(VALEO)	115916	A3189	112458
A3039	112230	A3082PR	111943	A3127PR	115916	A3190(VALEO)	115583
A3041	111498	A3083	113406	A3127S	115916	A3190S	114847
A3042	111397	A3085	113251	A3128	115600	A3190S	115583
A3044	111319	A3085(VALEO)	113251	A3128(VALEO)	115600	A3190S	116183
A3050	111325	A3085PR	113251	A3129	114883	A3191	114877
A3051	112460	A3085R	113251	A3129(VALEO)	114883	A3191PR	114877
A3051	112461	A3085S	113251	A3130	114879	A3192	115587
A3051(P)	112461	A3085SR	113251	A3130(VALEO)	114879	A3192(VALEO)	115587
A3051(P-INA)	112461	A3086	115976	A3130S	114879	A3193(VALEO)	115475
A3051ER	112461	A3087	113407	A3131	114722	A3193PR	115475
A3051PR	112461	A3089	112679	A3131(VALEO)	116337	A3193S	115475
A3051SR	112461	A3092	111719	A3131PR	116172	A3194(VALEO)	116515
A3052	113940	A3093	114680	A3131S	114722	A3194PR	116515
A3052	116048	A3094	112468	A3132	111722	A3194S	116515
A3052(P)	113940	A3096	112703	A3133	114451	A3195	114827
A3052(P)	116048	A3097	115370	A3133(VALEO)	114451	A3195(VALEO)	114827
A3052(P-INA)	113940	A3097SR	115370	A3134	111722	A3197(VALEO)	112274
A3052(P-INA)	116048	A3098	113896	A3136	113604	A3197PR	112274
A3052PR	113940	A3098	116158	A3137	112058	A3198	115860
A3052PR	116048	A3098(VALEO)	113896	A3138	113946	A3198(VALEO)	115860
A3052S	113940	A3098(VALEO)	116158	A3139	114131	A3198S	115860
A3052S	116048	A3098PR	116158	A3139(VALEO)	114131	A3199	114832
A3053	113247	A3098R	113896	A3139PR	114131	A3199(VALEO)	114832
A3053ER	113247	A3098R	116158	A3139S	114131	A3200(VALEO)	116186
A3053PR	113247	A3098SR	113896	A3140	114859	A3201	112462
A3053SR	113247	A3098SR	116158	A3140(VALEO)	114859	A3202	115921
A3053SR	113950	A3099	111331	A3143	116388	A3203	114109
A3054	113283	A3099R	111331	A3143(VALEO)	116388	A3203	116038
A3055	113722	A3101	113253	A3145	115676	A3203PR	114109
A3055	115963	A3101(VALEO)	113253	A3145(VALEO)	115676	A3203PR	116038
A3055(P-INA)	113722	A3102	113253	A3145PR	114876	A3204	114769
A3055(P-INA)	115963	A3102(VALEO)	113253	A3145PR	115676	A3204PR	114769
A3055(VALEO)	113722	A3102PR	113253	A3145PR	116309	A3205	111071
A3055(VALEO)	115963	A3103	114882	A3146	115713	A3208	115631
A3055PR	113722	A3103(VALEO)	114882	A3146	116319	A3209(VALEO)	114831
A3055PR	115963	A3104	113721	A3146(VALEO)	115713	A3209S	114831
A3055SR	113722	A3104(VALEO)	113721	A3146(VALEO)	116319	A3210	115364
A3055SR	115963	A3104(VALEO)	116330	A3147	116147	A3210(VALEO)	115364
A3056	113246	A3104PR	113721	A3147(VALEO)	116147	A3210PR	115364
A3056PR	113246	A3104PR	116330	A3149	115918	A3215(VALEO)	115903
A3057	112299	A3105	114128	A3149(VALEO)	115918	A3215S	115903
A3058	111967	A3106	115549	A3150	116036	A3215S	116363
A3059	111631	A3106(VALEO)	115549	A3150(VALEO)	116036	A3216	115730
A3060	111658	A3106PR	115549	A3152	115767	A3216PR	115730
A3060	113477	A3107	114102	A3152(VALEO)	115767	A3217	115855
A3061	111658	A3107	116068	A3152S(P-INA)	115767	A3218	111082
A3062	112687	A3107(VALEO)	114102	A3156	113877	A3218	112728
A3065	111947	A3107(VALEO)	116068	A3156	116322	A3219	115384
A3066	113868	A3108	113751	A3157	114811	A3220	115531
A3067	113948	A3108PR	113751	A3157	116311	A3220PR	115531
A3067PR	113755	A3109	113882	A3158	114130	A3221	112772
A3067SR	113755	A3110	113961	A3158	116069	A3222	114306
A3068	115310	A3111	112057	A3159	114781	A3223	115583
A3068PR	115310	A3113	112226	A3160	114408	A3223	116183
A3069	113404	A3113R	112226	A3160PR	114408	A3224	115356
A3070	113881	A3114	114042	A3161	113871	A3224(VALEO)	115356

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A3224(VALEO).....	116710	A3288	112199	A3360(VALEO).....	115988	A3511S.....	115921
A3225	114859	A3292	112470	A3360S.....	115988	A3512(VALEO).....	116382
A3228	114189	A3293	110619	A3361(VALEO).....	116142	A3512S.....	116382
A3229	116120	A3297	112679	A3361(VALEO).....	116365	A3513S.....	114727
A3229	116121	A3299	114322	A3361S.....	116142	A3514S.....	113246
A3230	115923	A3299	116359	A3361S.....	116365	A3521S.....	110931
A3231	116545	A3299PR	114322	A3369PR	113657	A3526S.....	112205
A3232	115924	A3299PR2	114322	A3371PR	116384	A3528S.....	113407
A3233(VALEO).....	114857	A3299PR2	116359	A3374S.....	111841	A3529S.....	114077
A3234(VALEO).....	113863	A3299PR2	116380	A3379PR	111937	A3531S.....	114249
A3234S.....	113863	A3302	111076	A3380PR	113275	A3532(VALEO).....	113253
A3235(VALEO).....	114495	A3304PR	116146	A3381S.....	116489	A3532PR	113253
A3235PR	114495	A3304S.....	116146	A3382S.....	114771	A3534S.....	115980
A3238(VALEO).....	115747	A3305PR	114722	A3383S.....	116393	A3535(VALEO).....	111397
A3238S.....	115747	A3305PR	116172	A3388S.....	112274	A3535(VALEO).....	113382
A3239(VALEO).....	115603	A3305PR	116337	A3393(VALEO).....	113881	A3537S.....	115307
A3243(VALEO).....	113330	A3306	111532	A3393S.....	113407	A3538(VALEO).....	113990
A3243S.....	113330	A3308PR	116195	A3393S.....	113881	A3542(VALEO).....	113958
A3244(VALEO).....	112333	A3308PR	116438	A3394S.....	116172	A3542(VALEO).....	115499
A3245(VALEO).....	113506	A3308S.....	116195	A3395PR	114293	A3543S.....	115587
A3246(VALEO).....	113519	A3310PR	115712	A3395S.....	114293	A3544S.....	116490
A3248(VALEO).....	113331	A3310PR	115713	A3400PR	114322	A3546S.....	115621
A3249(VALEO).....	113600	A3310PR	116319	A3401PR	113253	A3550S.....	113575
A3251	115715	A3311PR	114884	A3402S.....	116138	A3551S.....	116178
A3251(VALEO).....	115715	A3312PR	116386	A3403S.....	115823	A3552S.....	115431
A3254(VALEO).....	112471	A3312S(P-INA)	116386	A3409S.....	115807	A3552S.....	116355
A3254(VALEO).....	113245	A3313(VALEO).....	114039	A3411PR	112149	A3553S.....	116721
A3254(VALEO).....	113248	A3313(VALEO).....	116066	A3412S.....	113500	A3554S.....	116215
A3254(VALEO).....	114673	A3313S.....	116066	A3413S.....	113404	A3560S.....	112298
A3255(VALEO).....	113519	A3314	113950	A3414S.....	112768	A3561S.....	116297
A3256	112469	A3315(VALEO).....	115654	A3415S.....	115582	A3563S.....	116240
A3257	115414	A3315S.....	115654	A3416PR	115675	A3565S.....	116225
A3258	113575	A3316(VALEO).....	116191	A3416PR	115694	A3568(VALEO).....	116399
A3259	115459	A3316S.....	116191	A3416S.....	115675	A3571PR	114406
A3259(VALEO).....	115459	A3317	114697	A3416S.....	115694	A3573S.....	113640
A3259PR	115459	A3317PR	114697	A3417PR	113575	A3579S.....	115475
A3260	116187	A3318	114805	A3418PR	113248	A3584S.....	115659
A3260(VALEO).....	116187	A3318	116296	A3418S.....	113248	A3586S.....	115984
A3262	113510	A3318	116364	A3419PR	112461	A3595PR	115543
A3263	113640	A3319	115418	A3421PR	112079	A3597S.....	116188
A3263(VALEO).....	113640	A3320	115419	A3421PR	114789	A3599S.....	110619
A3263PR	113640	A3320PR	115419	A3422S.....	112298	A3600S.....	116147
A3264(VALEO).....	114292	A3321	114847	A3424S.....	112397	A3602S.....	116226
A3264PR	114292	A3322	115857	A3425S.....	112002	A3603S.....	113506
A3264S.....	114292	A3326	112782	A3425S.....	115483	A3607S.....	112548
A3265	115414	A3327	116189	A3427S.....	112458	A3607S.....	116360
A3266	114835	A3328	114699	A3428PR	113405	A3608PR	113246
A3267(VALEO).....	116393	A3329	115478	A3429S.....	113991	A3609PR	113246
A3267S.....	114724	A3329(VALEO).....	115478	A3430S.....	116487	A3610S.....	114042
A3267S.....	116393	A3331	115531	A3432PR	112162	A3610S.....	116113
A3268	114385	A3333PR	111989	A3436S.....	115437	A3611PR	116172
A3269	114720	A3333PR	112079	A3437S.....	116463	A3612S.....	112394
A3269PR	114720	A3333PR	112274	A3438S.....	116488	A3616S.....	114664
A3272	112472	A3333PR	113887	A3440PR	112461	A3618PR	111352
A3273	115433	A3333PR	115482	A3443S.....	112470	A3619S.....	116545
A3273	116036	A3334PR	111426	A3444S.....	115581	A3621S.....	112469
A3273	116452	A3335PR	113874	A3444S.....	116348	A3624PR	111967
A3273(VALEO).....	115433	A3336(VALEO).....	113652	A3446S.....	111532	A3626PR	113246
A3273(VALEO).....	116036	A3338(VALEO).....	115827	A3446S.....	112467	A3628PR	115668
A3273(VALEO).....	116452	A3338S.....	115827	A3452S.....	115984	A3628PR	115852
A3273PR	115433	A3339	115737	A3466S.....	116304	A4001	111623
A3273PR	116036	A3340PR	116193	A3468S.....	116147	A4001	111742
A3273PR	116452	A3340PR	116298	A3469S.....	115960	A4001	115890
A3274(VALEO).....	114805	A3340S.....	116193	A3473S.....	116186	A4001(LUCAS).....	111623
A3274(VALEO).....	116296	A3340SR	116193	A3476S.....	116523	A4001(LUCAS).....	115890
A3274(VALEO).....	116364	A3341(VALEO).....	116226	A3481S.....	114780	A4001SR	111623
A3275(VALEO).....	115707	A3341S.....	116226	A3481S.....	116354	A4001SR	115890
A3275S.....	115707	A3342PR	115631	A3487S.....	115833	A4002	111623
A3276	116180	A3344S.....	116441	A3488S.....	114727	A4002	111742
A3277	115413	A3345S.....	116208	A3488S.....	115989	A4002	115890
A3278	115603	A3347PR	116022	A3490S.....	116146	A4002SR	111623
A3279	116185	A3347S.....	116022	A3493S.....	116614	A4002SR	115890
A3280	114847	A3349S.....	111873	A3494S.....	115906	A4003	111411
A3281	112059	A3352S.....	116099	A3497S.....	113600	A4003PR	111411
A3282	116182	A3353S.....	115976	A3502S.....	116403	A4003PR2	111411
A3283	113992	A3354PR	114884	A3505S.....	115834	A4003PR3	111411
A3283PR	113992	A3354S.....	114884	A3508(VALEO).....	116207	A4003PR4	111036
A3283PR2	113992	A3355(VALEO).....	110804	A3508S.....	116207	A4003PR4	111411
A3284	115810	A3356S.....	113302	A3509S.....	112193	A4003PR4	114899
A3284PR	115810	A3358S.....	115459	A3510S.....	116614	A4004	111689
A3287	112679	A3359S.....	114866	A3511S.....	111331	A4005	112121

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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AS-PL Continued							
A4006	111802	A4048	113904	A4108	111364	A5039	115800
A4006PR	111802	A4048(DENSO)	113904	A4108	111366	A5039SR	111720
A4006R	111802	A4048(P)	113904	A4109	112722	A5039SR	115800
A4007	111416	A4048(P-INA)	113904	A4110	111176	A5041	113923
A4007PR	111416	A4048SR	113904	A4111	113537	A5041	115879
A4008	111803	A4049	111568	A4111PR	113537	A5041(MITSUBISHI)	113923
A4009	111662	A4050	113987	A4111PR2	113537	A5041(MITSUBISHI)	115879
A4009	116131	A4052	111723	A4112	114714	A5042	113324
A4010	111569	A4052PR	111723	A4113	111355	A5042PR	113324
A4011	111289	A4055	112021	A4114	115689	A5043	115550
A4011	111362	A4055(DENSO)	112021	A4117	110178	A5044	112327
A4012	110891	A4056	113336	A4117	111086	A5044SR	112327
A4013	111176	A4058	113535	A4119	110107	A5045	114508
A4014	111368	A4058SR	115615	A4120	110912	A5046	114880
A4015	111361	A4059	111035	A4121S	113246	A5046(MITSUBISHI)	114880
A4015(MM)	111361	A4061	114025	A4122S	111686	A5046SR	114880
A4017	111413	A4062	112384	A4123PR	111416	A5047	115655
A4017(DENSO)	113536	A4062PR	112384	A4124PR	114899	A5047	116217
A4018	111353	A4062SR	112384	A4124PR	115665	A5048	114752
A4018	113471	A4063	111036	A4125PR	111411	A5049	114247
A4018PR	111036	A4064	112203	A4126PR	115664	A5050	113348
A4018SR	111036	A4064(MM)	112203	A4127PR	113718	A5051	113246
A4019	112325	A4064R	112203	A4128S	114302	A5051	113405
A4020	111756	A4065	111620	A4130S	111413	A5052	114245
A4020PR	111756	A4065	111686	A4131S	113718	A5055	114244
A4021	112142	A4066	112237	A4132S	113536	A5056	114358
A4021(DENSO)	112142	A4067	111356	A4133S	111289	A5057	114244
A4021PR	112142	A4068	114804	A4135S	112238	A5057(P)	114244
A4021PR2	112142	A4068(DENSO)	114804	A4136PR	111411	A5058	114111
A4021PR3	112142	A4069	111411	A4136PR	115672	A5058(P)	114111
A4021PR4	112142	A4069	111505	A4137S	114384	A5059	112349
A4021SR	112142	A4069	113537	A4138S	111148	A5060	115453
A4023	113942	A4069PR	111505	A5001	111872	A5061	115661
A4024	113939	A4069R	111505	A5002	111797	A5063	113497
A4024ER	113939	A4070	114409	A5003	112205	A5065	115925
A4025ER	113536	A4070(P)	114409	A5004	112129	A5069	115795
A4028	112143	A4071	114754	A5006	110806	A5071	111093
A4028PR	112142	A4071(P)	114754	A5007	111344	A5071ER	111093
A4028PR	112143	A4072	114462	A5008	111594	A5072	112128
A4028SR	112142	A4073	114204	A5008	111872	A5072	112205
A4028SR	112143	A4073(P)	113955	A5009	112457	A5073	114207
A4029	112097	A4073(P-INA)	113955	A5009ER	112457	A5074	114214
A4030	111418	A4073PR	113955	A5009PR	112457	A5075	115441
A4030	115873	A4073SR	113955	A5009SR	112457	A5075S	115441
A4030PR	110890	A4074	113722	A5010	112328	A5076	113954
A4030PR	111418	A4074	115963	A5013	110632	A5079	115477
A4030PR	115873	A4076	112648	A5014	111238	A5080	114881
A4031	112698	A4077	113943	A5015	112359	A5081	114803
A4032	112021	A4077PR	113536	A5016	111806	A5082	114533
A4033	112718	A4081	111078	A5017	111626	A5083	113634
A4034	113336	A4082	114284	A5017	111956	A5084	115926
A4034(P)	113336	A4083	114806	A5018	111339	A5086	114407
A4034(P-INA)	113336	A4083	115874	A5019	113785	A5087	114839
A4034PR	113336	A4084	114099	A5019ER	113785	A5090	116096
A4034SR	113336	A4085	114090	A5019PR	113785	A5092	111594
A4035	111795	A4086	115700	A5019SR	113785	A5092	111872
A4035PR	111795	A4086(MM)	115700	A5020	112352	A5096	115371
A4035SR	111795	A4087	113246	A5021	113785	A5097	115519
A4036	110497	A4087(MM)	113246	A5022	114112	A5098	115786
A4037	110977	A4088	114897	A5023	115438	A5099	113656
A4039	110890	A4088(MM)	114897	A5024	113246	A5101	112332
A4040	111740	A4089	114009	A5024PR	113246	A5108	114707
A4041	111176	A4089(MM)	114009	A5024SR	113246	A5108PR	114707
A4042	113955	A4090	113338	A5025	112355	A5108PR	115474
A4042(P)	113955	A4091	111689	A5027	110804	A5112	115454
A4042(P-INA)	113955	A4092	110890	A5028	110385	A5116	116218
A4042PR	113955	A4092	110912	A5029	114129	A5119	116009
A4042PR	114493	A4092	112768	A5029PR	114129	A5120	114865
A4042SR	113955	A4093	114451	A5030	110805	A5121	116011
A4042SR	114493	A4094	115578	A5031	114303	A5122	115705
A4043	113943	A4095	115476	A5031	115832	A5124	116680
A4043(DENSO)	113943	A4095PR	115476	A5033	113952	A5129	115548
A4043(P)	113943	A4096	113996	A5034	114129	A5135	114842
A4043(P-INA)	113943	A4096(P)	113996	A5034PR	114129	A5143	116030
A4043ER	113943	A4096(P-INA)	113996	A5035	116042	A5145	116293
A4043PR	113943	A4097	114894	A5037	116014	A5146	116031
A4043SR	113943	A4103	113763	A5037SR	116014	A5154	110448
A4044	111148	A4104	115551	A5038	113246	A5155	114187
A4047	111687	A4104(DENSO)	115551	A5038	113405	A5156	110448
A4047PR	111687	A4107	110891	A5038PR	113246	A5158	116164
A4047SR	111687	A4108	111086	A5038SR	113246	A5159	112559

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A5161	112333	A5334	115316	A6021	111610	A6068	114897
A5162	113886	A5337	116224	A6022	110620	A6068(DENSO)	114897
A5163	114807	A5338	114489	A6022R	110620	A6069	114895
A5164	110128	A5342	110806	A6023	113970	A6069(DENSO)	114895
A5164	110264	A5342	111240	A6023(P)	113970	A6069PR	114895
A5165	113562	A5345	114457	A6024	111437	A6070	115615
A5166	111747	A5348	113971	A6025	114024	A6070(DENSO)	115615
A5167	110264	A5348(MITSUBISHI)	113971	A6025(DENSO)	114024	A6071	115742
A5168	111495	A5353	116662	A6025ER	114024	A6071(DENSO)	115742
A5168	115519	A5362	110659	A6025PR	114024	A6072	115660
A5170	112068	A5366(MITSUBISHI)	114809	A6025SR	114024	A6072(DENSO)	115660
A5170	112069	A5366S	114809	A6026	114248	A6073	115863
A5171	116574	A5367(MITSUBISHI)	116651	A6026(DENSO)	114248	A6073(DENSO)	115863
A5179	113886	A5367S	116651	A6026(DENSO)	114250	A6074	114493
A5185	111384	A5368PR	114078	A6026S	114248	A6074(DENSO)	114493
A5190	110802	A5368PR	114846	A6027	116366	A6075	115429
A5191	116292	A5368PR	115494	A6027(DENSO)	116366	A6075(DENSO)	115429
A5192	115453	A5368S	114078	A6027PR	116366	A6076	115346
A5194	113634	A5368S	114846	A6028	115791	A6076(DENSO)	115346
A5198	113634	A5368S	115494	A6029	115788	A6077	114706
A5200	114432	A5371S	115577	A6030	115787	A6077(DENSO)	114706
A5203	114841	A5374S	113503	A6033	115791	A6077PR	114706
A5205	115796	A5375(MITSUBISHI)	115799	A6034	114258	A6078	110496
A5207	114229	A5378(MITSUBISHI)	112427	A6035	115415	A6079	114208
A5211	116110	A5378(MITSUBISHI)	115871	A6035SR	115415	A6079(DENSO)	114208
A5226	115703	A5378S	112427	A6036	114147	A6079PR	114208
A5228	116216	A5378S	115871	A6037	114041	A6080	114704
A5230	115651	A5379(MITSUBISHI)	112427	A6038	113972	A6080(DENSO)	114704
A5232	116037	A5379(MITSUBISHI)	115871	A6038(DENSO)	113972	A6081	116318
A5233	115811	A5379S	112427	A6038PR	113972	A6081(DENSO)	116318
A5238	113782	A5379S	113923	A6039	114011	A6082	115930
A5239	112069	A5381(MITSUBISHI)	116042	A6040	111963	A6082(DENSO)	115930
A5239(MITSUBISHI)	112069	A5385(MITSUBISHI)	114880	A6041	113969	A6085	115929
A5240	113782	A5386PR	111956	A6042	114272	A6085(DENSO)	115929
A5242	115760	A5387S	116439	A6042(DENSO)	114272	A6086	113721
A5243	111779	A5389S	116409	A6044	113990	A6086(DENSO)	113721
A5243	113322	A5391S	113785	A6044(DENSO)	113990	A6086(DENSO)	116330
A5244	113519	A5397S	116395	A6045	114491	A6087	115931
A5246	116020	A5398PR	112457	A6045(DENSO)	114491	A6087(DENSO)	115931
A5250	110385	A5402PR	114880	A6046	114215	A6088	115601
A5254	115797	A5404S	111807	A6046(DENSO)	114215	A6088(DENSO)	115601
A5257	112067	A5405S	114079	A6047	111779	A6089	114490
A5261	111317	A5409S	116646	A6047	113322	A6089(DENSO)	114490
A5265	111342	A5410S	114670	A6047(DENSO)	113322	A6090	115748
A5266	115975	A5413S	111626	A6047(DENSO)	113322	A6090(DENSO)	115748
A5267	116292	A5414PR	113575	A6048	115750	A6092	110967
A5269	115317	A5417S	112128	A6048(DENSO)	115750	A6093	111193
A5271	115705	A5418S	112270	A6049	114083	A6094	115666
A5273	110318	A5421S	115995	A6049(DENSO)	114083	A6095	113720
A5278	111344	A5430S	116033	A6050	114755	A6095(DENSO)	113720
A5278	112210	A5433PR	113403	A6050(DENSO)	114755	A6095PR	113720
A5279	114880	A5434PR	112460	A6051	114749	A6095PR	116064
A5280	114707	A5435S	113786	A6051(DENSO)	114749	A6096	114490
A5280	115474	A6001	114231	A6052	114390	A6098	112101
A5281	114753	A6004	116029	A6052(DENSO)	114390	A6101	111538
A5281	115498	A6005	113715	A6052PR	114390	A6102	114186
A5282	114861	A6007	114010	A6053	114227	A6104	112356
A5284	112492	A6007(P)	114010	A6053(DENSO)	114227	A6106	115667
A5285	116394	A6007PR	114010	A6054	114361	A6106(DENSO)	115667
A5286	116032	A6009	111518	A6054(DENSO)	114361	A6107	115429
A5288	113923	A6010	113922	A6055	114273	A6109	114023
A5288	115879	A6010(DENSO)	113922	A6055(DENSO)	115416	A6112	114362
A5290	112492	A6010(DENSO)	116637	A6055(P)	115416	A6113	111538
A5293	114303	A6010PR	113922	A6056	111610	A6115	114362
A5293	116014	A6011	113978	A6056(DENSO)	111610	A6118	111517
A5293	116015	A6011(DENSO)	113978	A6057	115929	A6120	111468
A5294	116153	A6012	111579	A6057(DENSO)	115929	A6122	116332
A5295	114859	A6013	114006	A6059	115429	A6123	115932
A5295PR	114859	A6013PR	114006	A6059(DENSO)	115429	A6124	115546
A5296	115857	A6013SR	114006	A6060	115620	A6124(DENSO)	115546
A5304PR	112328	A6015	114206	A6060(DENSO)	115620	A6125	115305
A5308	114843	A6017	110682	A6061	114694	A6129	113404
A5320	116109	A6018	113849	A6061(DENSO)	114694	A6129(DENSO)	113404
A5323	116394	A6018	116294	A6063	114410	A6129PR	113404
A5329	114116	A6018(DENSO)	116637	A6063(DENSO)	114410	A6130	115457
A5330	115368	A6018PR	113849	A6063PR	114410	A6130(DENSO)	115457
A5331	114382	A6018PR	116294	A6065	115657		
A5331(MITSUBISHI)	114382	A6019	114065	A6065(DENSO)	115657		
A5331SR	114382	A6019(DENSO)	114065	A6066	114290		
A5332	114826	A6019PR	114065	A6067	116332		
A5332	116324	A6020	110564	A6067(DENSO)	116332		

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AS-PL Continued							
A6130(DENSO)	116125	A6222(DENSO)	112334	A6363	111048	A6605S	110138
A6130S	115457	A6222(DENSO)(P)	112334	A6363	114515	A6606S	111779
A6130S	116125	A6223(DENSO)	115409	A6363(DENSO)	111048	A6607S	110965
A6131	115456	A6224(DENSO)	113328	A6364	116404	A6607S	110967
A6131(DENSO)	115456	A6228	111411	A6365PR	112142	A6609S	113071
A6131PR	115456	A6228PR	111411	A6366	114201	A6610S	116499
A6131S	115456	A6229	114231	A6367	114157	A6611S	115683
A6132	115933	A6230	114300	A6370	114494	A6614S	113063
A6132(DENSO)	115933	A6230(DENSO)	114300	A6370(DENSO)	114494	A6620S	111613
A6133	114157	A6232	116590	A6371	114410	A6621S	110137
A6133	114810	A6234	116599	A6371	115669	A6621S	110138
A6133(DENSO)	114810	A6248	116007	A6371(DENSO)	115669	A6626(DENSO)	113718
A6135	111483	A6248(DENSO)	116007	A6373	114386	A6629(DENSO)	114218
A6136	114024	A6251	115701	A6377(DENSO)	114492	A6629S	114218
A6138	112063	A6253	115632	A6377S	114492	A6630(DENSO)	114024
A6139	111483	A6255(DENSO)	114409	A6379(DENSO)	114897	A6635S	114263
A6141	115789	A6255PR	114409	A6382S	115868	A6636S	115794
A6143	114511	A6256(DENSO)	111990	A6384S	114010	A6637S	114518
A6146	116140	A6256(DENSO)	112416	A6386(DENSO)	113575	A6639S	115864
A6148	115934	A6256(DENSO)	113265	A6386S	113575	A6645S	115385
A6151	113978	A6257(DENSO)	112097	A6388S	114243	A6646S	111507
A6152	115683	A6258(DENSO)	113536	A6389S	114377	A6647S	114043
A6153	115790	A6259(DENSO)	114090	A6392S	110629	A6648S	111018
A6156	113803	A6260(DENSO)	113955	A6397S	114403	A6649S	114113
A6156(P)	113803	A6260PR	113955	A6406S	116639	A6651S	111596
A6159(DENSO)	115852	A6260SR	113955	A6407S	116669	A6655(DENSO)	113922
A6160(DENSO)	115647	A6261(DENSO)	111687	A6413S	115983	A6657(DENSO)	114005
A6160S	115647	A6262(DENSO)	112121	A6415S	116622	A6657(DENSO)	114231
A6161(DENSO)	114462	A6263(DENSO)	113955	A6417S	114881	A6658S	115752
A6162(DENSO)	113535	A6264(DENSO)	113763	A6420S	116715	A6662S	112102
A6163(DENSO)	114411	A6265(DENSO)	113849	A6424(DENSO)	116220	A6663S	115865
A6163S	114411	A6265(DENSO)	116294	A6424S	116220	A6668S	114362
A6164(DENSO)	113763	A6265PR	113849	A6428S	115456	A6674S	116649
A6165(DENSO)	116089	A6265PR	116294	A6434(DENSO)	116597	A6675S	114097
A6166(DENSO)	114706	A6266(DENSO)	114099	A6434S	116597	A6676S	114115
A6167	113755	A6267(DENSO)	113336	A6437(DENSO)	114806	A6676S	116366
A6168	115863	A6268(DENSO)	114249	A6437(DENSO)	115874	A6679(DENSO)	114188
A6172	115836	A6268S	114249	A6438(DENSO)	113722	A6679(DENSO)	114902
A6175	116056	A6269(DENSO)	113535	A6438(DENSO)	115963	A6680(DENSO)	114518
A6178	116767	A6269(DENSO)	113718	A6438S	113722	A6683S	116581
A6181	115935	A6269S	113535	A6438S	115963	A6688S	114203
A6185	111950	A6269S	115615	A6455S	116659	A6694S	112360
A6186	111678	A6270(DENSO)	113440	A6456(DENSO)	113996	A6695S	114188
A6187	111428	A6274	115749	A6456PR	113996	A6699S	111610
A6188	110374	A6274S	115749	A6466S	116141	A6700PR	114899
A6189	111517	A6279	116437	A6468S	114694	A6703S	116715
A6190(DENSO)	115762	A6287	116140	A6469(DENSO)	116637	A6704S	114679
A6190S	114009	A6289	115704	A6471(DENSO)	116152	A6706S	114364
A6192(DENSO)	111048	A6290	113975	A6472(DENSO)	116649	A9001	112333
A6193(DENSO)	115615	A6292	115700	A6472S	116649	A9002	112939
A6194(DENSO)	114158	A6302	114667	A6473(DENSO)	114115	A9003	112151
A6194S	114158	A6302	114750	A6475(DENSO)	114754	A9004	114114
A6196(DENSO)	116492	A6312	114246	A6476(DENSO)	112384	A9005	111405
A6197(DENSO)	111517	A6312(DENSO)	114246	A6478(DENSO)	115308	A9006	113518
A6198(DENSO)	113306	A6313	116765	A6481(DENSO)	113763	A9007	113343
A6199(DENSO)	113306	A6314	115527	A6482(DENSO)	114451	A9008	113657
A6200(DENSO)	116509	A6318	113803	A6483(DENSO)	115836	A9008(MANDO)	113657
A6200S	116509	A6323	116469	A6484(DENSO)	113970	A9009	111309
A6201(DENSO)	116509	A6325	116659	A6486(DENSO)	113722	A9011	113709
A6201S	116509	A6326	113607	A6486(DENSO)	115963	A9011ER	113709
A6202	114005	A6326S	113607	A6500S	114405	A9011PR	113709
A6202(DENSO)	114005	A6327	116090	A6505S	113358	A9011SR	113709
A6202PR	114005	A6337	116504	A6508PR	113246	A9012	113710
A6203	115308	A6342	116442	A6509PR	116094	A9012ER	113710
A6203	115346	A6342PR	116442	A6515S	111830	A9012SR	113710
A6204	112358	A6346	115693	A6521S	114256	A9013	114350
A6210	114201	A6348	115720	A6522S	116469	A9015	110622
A6212	113856	A6349	111483	A6524S	111605	A9015SR	110622
A6212(DENSO)	113856	A6349	114288	A6525S	111605	A9016	113708
A6212(DENSO)	114205	A6350	112357	A6526S	114287	A9016PR	113708
A6213	113742	A6351	115866	A6526S	116358	A9017	113517
A6213(DENSO)	113742	A6352	116637	A6527S	113969	A9018	113331
A6214	112363	A6352(DENSO)	116637	A6535S	114250	A9019	113792
A6215	112358	A6353	111705	A6537S	116662	A9020	113912
A6215	113989	A6354	115737	A6563S	116649	A9020	116362
A6216	114065	A6356	114191	A6566S	116148	A9020PR	113912
A6217	115679	A6358	111048	A6593S	114828	A9020PR	116362
A6217PR	115679	A6358	113921	A6599S	116301	A9020SR	116362
A6218	115679	A6361	111781	A6603S	114273	A9021	113913
A6219(DENSO)	116027	A6362	116094	A6604(DENSO)	113967	A9021(P)	113285
A6220(DENSO)	115937	A6363	110620	A6605S	110137	A9021(P)	113913

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A9021(P2)	113285	A9158(LETRIKA)	114049	A9277S	113768	S0023	110981
A9021(P2)	113913	A9159	112747	A9277S	116550	S0024	111910
A9021(P3)	113913	A9159	113738	A9278S	111369	S0025	111900
A9021PR	113913	A9159	116155	A9278S	112529	S0025PR	111900
A9021SR	113913	A9159(LETRIKA)	113738	A9278S	116129	S0025PR	115503
A9022	114804	A9159(LETRIKA)	116155	A9280S	113519	S0025SR	111900
A9023	115543	A9160	114464	A9281S	115463	S0025SR	115503
A9026	110562	A9160	116455	A9284S	116549	S0026	111851
A9027	110562	A9160(LETRIKA)	114464	A9285S	116548	S0026PR	111851
A9028	111051	A9160(LETRIKA)	116455	A9286S	115463	S0026SR	111851
A9029	113791	A9164	112205	A9286S	116548	S0027	111909
A9031	113552	A9166	113330	A9287S	114657	S0027PR	111909
A9032	115937	A9169(LETRIKA)	114471	A9288S	114516	S0027PR	115504
A9034	112387	A9170	113529	A9291S	113743	S0027SR	111909
A9034SR	112387	A9170(LETRIKA)	113529	A9292S	112578	S0027SR	115504
A9035	113328	A9171(LETRIKA)	114192	A9294S	112537	S0029	111851
A9035SR	113328	A9171(LETRIKA)	116551	A9295S	114495	S0030	112309
A9036	115366	A9171S	114192	A9296S	113709	S0031	111490
A9037	113519	A9171S	116551	A9300S	114228	S0032	112435
A9038	113543	A9172(LETRIKA)	114110	A9302S	114348	S0032PR	112435
A9044	112265	A9175	113986	A9306S	114857	S0033	111749
A9046	114412	A9176	114513	A9307S	111309	S0034	110847
A9051	112556	A9178	116226	A9308S	115689	S0036	113674
A9051	116454	A9179	114000	A9310S	116196	S0036PR	113674
A9051(LETRIKA)	112556	A9190	113949	A9311S	116027	S0036SR	113674
A9051(LETRIKA)	116454	A9194	113898	A9315S	114772	S0037	114523
A9052	111843	A9196	115899	A9315S	116633	S0037SR	114523
A9052(LETRIKA)	111843	A9197	114465	A9320S	111289	S0039	111694
A9053	114514	A9209	116524	A9321S	111289	S0039PR	111694
A9053(LETRIKA)	114514	A9211	111662	A9322S	111289	S0039SR	111694
A9055	113610	A9211	116131	A9323S	110770	S0040	112446
A9055(LETRIKA)	113610	A9214	114767	A9327S	112949	S0040	113468
A9056	113961	A9215	111036	A9329S	110176	S0041	111640
A9056(LETRIKA)	113961	A9215(LETRIKA)	111036	A9331PR	113710	S0042	112439
A9057	114772	A9216	112097	A9334S	112722	S0043	111120
A9057	116456	A9220	110743	A9337S	112942	S0044	114118
A9057(LETRIKA)	114772	A9221	111686	A9340S	112947	S0044PR	111911
A9057(LETRIKA)	116456	A9222	112196	A9342S	116192	S0044PR	114118
A9058	113716	A9222	114735	A9343S	116402	S0045	111060
A9058(LETRIKA)	113716	A9222	114825	A9344S	114081	S0045(BOSCH)	111060
A9064	112940	A9222	115987	A9346S	114120	S0046	110363
A9067	114766	A9223	114896	A9347S	112389	S0047	112537
A9070	112506	A9224	112718	A9351S	111295	S0048	112005
A9070	113903	A9225	110882	A9353S	112961	S0048PR	112005
A9072	110348	A9225	111686	A9354S	112958	S0049	112221
A9083(LETRIKA)	111620	A9226	113442	A9355S	112946	S0050	110865
A9083(LETRIKA)	111686	A9227	113533	A9356S	116450	S0052	111400
A9086	110743	A9230	113574	A9359S	112959	S0054	112321
A9087	110970	A9231	111355	A9362S	116502	S0054(BOSCH)	112321
A9088	110178	A9231(LETRIKA)	111355	A9369S	110105	S0055	111489
A9089(LETRIKA)	111092	A9232	115851	A9369S	113531	S0059	112818
A9093(MANDO)	111309	A9233	113529	S0001	110206	S0062	111748
A9094(MANDO)	111405	A9234	110890	S0002	110524	S0062(BOSCH)	111748
A9096(MANDO)	111406	A9234	110912	S0003	110206	S0062PR	111059
A9101(MANDO)	113497	A9235	111649	S0003	110210	S0062PR	111748
A9101(MANDO)	113506	A9239	113471	S0003	112120	S0062SR	111059
A9106(MANDO)	113656	A9240	114412	S0004	110587	S0062SR	111748
A9109(MANDO)	111344	A9244S	115445	S0005	113387	S0063	110207
A9127	110659	A9245(LETRIKA)	114191	S0005PR	112167	S0064	113451
A9127(MANDO)	110659	A9245S	114191	S0005PR	113387	S0065	112119
A9129(MANDO)	111406	A9246(LETRIKA)	112170	S0005SR	112167	S0066	111855
A9145	113330	A9248(LETRIKA)	111226	S0005SR	113387	S0066	116128
A9145(MANDO)	113330	A9250S	116215	S0006	112286	S0067	110525
A9147(LETRIKA)	112183	A9252(LETRIKA)	114783	S0006PR	112286	S0068	110523
A9147(LETRIKA)	112548	A9253(LETRIKA)	116547	S0006SR	112286	S0068(BOSCH)	110523
A9147(LETRIKA)	116360	A9255(LETRIKA)	111888	S0007	110208	S0068(BOSCH)	112494
A9148(LETRIKA)	113768	A9256(LETRIKA)	110641	S0008	110532	S0069	110867
A9148(LETRIKA)	116550	A9257(LETRIKA)	111843	S0009	111219	S0070	113979
A9149(LETRIKA)	112046	A9258(LETRIKA)	112098	S0010	110214	S0071	113608
A9151	115608	A9259S	114840	S0011	110535	S0072	111059
A9151(LETRIKA)	115608	A9260S	114513	S0014	111069	S0073	111911
A9153(LETRIKA)	115970	A9261S	111687	S0015	111010	S0073PR	111911
A9154(LETRIKA)	114772	A9262S	111406	S0016	111065	S0073PR	114118
A9154(LETRIKA)	116456	A9263(MANDO)	110540	S0016	112440	S0074	113609
A9155	114450	A9266S	115994	S0017	112053	S0075	113466
A9155(LETRIKA)	114450	A9268S	114289	S0018	111996	S0076	112581
A9156	112191	A9270(LETRIKA)	110881	S0019	111771	S0077	113847
A9156(LETRIKA)	112191	A9273SR	113285	S0020	112006	S0078	112446
A9157(LETRIKA)	111419	A9274S	110175	S0020PR	112006	S0078	116135
A9157(LETRIKA)	111987	A9274SR	110175	S0021	112116	S0079	112494
A9158	114049	A9276S	115353	S0022	111231	S0079(BOSCH)	110523

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AS-PL Continued							
S0079(BOSCH)	112494	S0134	111003	S0191	115938	S0250	112442
S0080	113277	S0135	112116	S0192	112430	S0251	110545
S0081	113182	S0136	113282	S0193	114317	S0252	113184
S0082	112498	S0137	113934	S0193PR	114317	S0253	113509
S0083	112131	S0137R	113934	S0194	114073	S0253	115311
S0084	111070	S0138	113891	S0195	113430	S0253PR	113509
S0084(BOSCH)	111070	S0138	115509	S0196	111399	S0253R	113509
S0085	113759	S0139	113935	S0197	110527	S0254	116040
S0086	114327	S0139	115501	S0198	111793	S0255	114327
S0087	111347	S0139SR	113935	S0200	111001	S0256	114002
S0088	113276	S0139SR	115501	S0201	114196	S0256	114021
S0088(BOSCH)	113276	S0140	114062	S0203	115408	S0257	111752
S0088PR	113276	S0140PR	114062	S0206	114233	S0258	114069
S0089	112436	S0141	112431	S0208	112496	S0259	113900
S0090	113842	S0142	112052	S0209	112034	S0260	111000
S0090	115508	S0143	112440	S0210	115939	S0261	114073
S0090PR	113842	S0143PR	111851	S0211	114106	S0262	110536
S0090PR	115508	S0143PR	112440	S0212	112444	S0262	116139
S0090SR	113842	S0144	113389	S0212	116340	S0264	114313
S0090SR	115508	S0145	113464	S0213	114690	S0266	114319
S0091	112440	S0146	114160	S0213PR	114690	S0267	112304
S0091PR	112440	S0147	114031	S0213PR	115375	S0268	114397
S0092	110518	S0148	113846	S0214	113678	S0270	114775
S0093	113446	S0149	114395	S0214	115507	S0270	115502
S0093PR	112533	S0150	113466	S0214(BOSCH)	113678	S0270PR	114775
S0093PR	113446	S0150(BOSCH)	113466	S0214(BOSCH)	115507	S0270PR	115502
S0093SR	112533	S0151	110208	S0214PR	113678	S0271	111908
S0093SR	113446	S0151	110512	S0214PR	115507	S0272	114299
S0094	111904	S0151	110601	S0215	115940	S0272PR	114299
S0096	111906	S0152	110813	S0216	110208	S0273	115638
S0096PR	111906	S0153	114304	S0217	110839	S0273PR	115638
S0097	112224	S0154	112434	S0218	114093	S0274	115515
S0098	111848	S0154(BOSCH)	112434	S0218	115512	S0274(BOSCH)	115515
S0099	112441	S0154PR	112434	S0218PR	114093	S0275	115719
S0099	115505	S0155	113303	S0218PR	115512	S0275(BOSCH)	115719
S0099PR	112441	S0155PR	113303	S0218SR	114093	S0275PR	115395
S0099PR	115505	S0156	114053	S0218SR	115512	S0279	110533
S0099SR	112441	S0157	111680	S0219	110775	S0280	115397
S0099SR	115505	S0158	112235	S0220	110212	S0280(BOSCH)	115397
S0100	113843	S0158PR	112235	S0221	110582	S0281	111001
S0101	113181	S0159	114054	S0223	114814	S0282	115336
S0101PR	113181	S0159	115516	S0223(BOSCH)	114814	S0282PR	115336
S0101SR	113181	S0159PR	114054	S0223PR	114814	S0283	114438
S0103	113346	S0159PR	115516	S0224	112438	S0283	114744
S0104	112307	S0159SR	114054	S0224	116335	S0284	112670
S0104(BOSCH)	112307	S0159SR	115516	S0224PR	112438	S0285	113570
S0105	113752	S0160	112055	S0224PR	116335	S0286	114275
S0105PR	113752	S0161	112290	S0225	113761	S0288	114170
S0106	111865	S0163	114126	S0226	114295	S0289	114316
S0106(BOSCH)	111865	S0164	116465	S0226(BOSCH)	114295	S0290	115825
S0107	115623	S0165	114318	S0227	113513	S0291	115335
S0108	114033	S0166	112454	S0228	114091	S0291	116059
S0110	110522	S0168	113271	S0228PR	114091	S0292	114689
S0111	111693	S0168PR	113271	S0229	114173	S0293	113181
S0112	111755	S0169	112014	S0229PR	114173	S0295	115395
S0113	111001	S0170	112037	S0230	113430	S0296	114195
S0114	110530	S0171	114179	S0230PR	113430	S0297	115609
S0115	110536	S0172	114473	S0230PR	113931	S0298	113478
S0115	116139	S0173	113859	S0232	114052	S0299	113478
S0115	116312	S0174	112555	S0234	112443	S0300	114320
S0116	110529	S0175	114177	S0235	111637	S0301	114021
S0116	110640	S0175PR	114177	S0235	116376	S0302	114050
S0117	111755	S0176	111995	S0236	111115	S0306	110844
S0118	110521	S0176(BOSCH)	111995	S0237	115312	S0307	114833
S0119	114174	S0176PR	111995	S0238	111984	S0307PR	114833
S0120PR	113773	S0177	114094	S0239	113644	S0307SR	114833
S0121	113963	S0177PR	114094	S0239(BOSCH)	113644	S0308	114742
S0121	114886	S0178	113760	S0241	111685	S0309	111070
S0121(BOSCH)	113963	S0179	114196	S0242	114740	S0309	111130
S0123	113959	S0180	114001	S0242PR	114740	S0309	114460
S0123PR	113959	S0181	114376	S0242SR	114740	S0310	110368
S0123PR	115510	S0182	114220	S0243	113841	S0310	112537
S0123SR	113959	S0182	116132	S0243PR	113841	S0311	115400
S0123SR	115510	S0183	112541	S0244	114297	S0312	111015
S0124	112235	S0184	114069	S0244PR	114297	S0314	115399
S0125	112236	S0185	114162	S0246	114321	S0315	115398
S0127	113134	S0186	113931	S0247	111131	S0316	114690
S0128	110352	S0186PR	113931	S0247(BOSCH)	111131	S0316	115375
S0129	112071	S0186SR	113931	S0247R	111131	S0317	110517
S0130	113980	S0187	115540	S0248	112429	S0318	111127
S0131	113677	S0188	112534	S0248PR	112429	S0319	115394

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S0319PR	115394	S0454PR	114776	S0540(BOSCH)	114742	S0625S	115736
S0322	114692	S0458	115402	S0541	114265	S0626(BOSCH)	112220
S0324	114849	S0458PR	115402	S0545(BOSCH)	115996	S0626PR	112220
S0328	110601	S0459	114741	S0545S	115996	S0627(BOSCH)	115339
S0330	110531	S0460	114507	S0549	116065	S0627S	115339
S0336	110206	S0460(BOSCH)	114178	S0550	111070	S0629(BOSCH)	115333
S0338	111218	S0460(BOSCH)	114507	S0550	111130	S0629PR	115333
S0339	110534	S0460(BOSCH)	115420	S0550	114460	S0629S	115333
S0342	110534	S0460S	114507	S0550PR	114460	S0631S	111885
S0343	110208	S0461	115943	S0553	114402	S0632PR	115539
S0344	110512	S0466	110811	S0555	116082	S0632PR	116156
S0346	110209	S0468	114096	S0559	112175	S0632S	115539
S0346	115590	S0468PR	114096	S0560	115423	S0632S	116156
S0347	110932	S0469	116496	S0562	111332	S0636(BOSCH)	110524
S0349	110212	S0471	112006	S0563	115423	S0636S	110524
S0350	110537	S0474	112497	S0564	115607	S0637(BOSCH)	115561
S0353	113850	S0475	114850	S0565	116026	S0637PR	115561
S0355	110980	S0476	115944	S0566	115337	S0637S	115561
S0359	111046	S0477	115818	S0566	115610	S0638(BOSCH)	115561
S0360	110213	S0477(BOSCH)	115818	S0567	115900	S0638(BOSCH)	115944
S0367	110205	S0477PR	115818	S0567PR	115900	S0638PR	115561
S0374	114837	S0478	115398	S0568	113960	S0638PR	115944
S0375	114175	S0478	115562	S0570	116041	S0638S	115561
S0375PR	114175	S0478	115962	S0571	116568	S0638S	115944
S0377	112171	S0479	114689	S0572	115961	S0640S	114692
S0377	116556	S0482	111996	S0574	115962	S0641S	114815
S0380	113281	S0483	114746	S0575	114274	S0642S	111066
S0382	111347	S0484	115997	S0576	115733	S0644S	111304
S0385	111029	S0486	110460	S0576PR	115733	S0645S	115464
S0386	111865	S0487	115335	S0578	114398	S0645S	116044
S0389	114178	S0487	116059	S0579	111752	S0646S	110839
S0393	112295	S0488	115696	S0579	112173	S0650PR	115337
S0394	112553	S0488(BOSCH)	115696	S0579	115472	S0650S	115337
S0395	111168	S0488PR	115696	S0582	114181	S0653S	111217
S0395	111768	S0489	115945	S0583	112074	S0656S	114307
S0395PR	111768	S0491	116002	S0584	113282	S0656S	116473
S0396	112220	S0491(BOSCH)	116002	S0584	115770	S0657S	112039
S0396PR	112220	S0493	112533	S0586	116681	S0657S	115344
S0397	115635	S0493	113446	S0587	115840	S0657S	116685
S0397PR	115635	S0494	114068	S0587(BOSCH)	115840	S0658PR	111123
S0397SR	115635	S0495	112167	S0588	114304	S0659PR	115311
S0398	114034	S0496	112041	S0589	112135	S0659S	115311
S0398PR	114034	S0497	114869	S0591	111001	S0660PR	115636
S0399	111823	S0498	114051	S0591	112249	S0661PR	114176
S0399PR	111823	S0499(BOSCH)	114162	S0592	114742	S0661S	114176
S0399SR	111823	S0501(BOSCH)	114163	S0594	114193	S0663S	112249
S0400	115942	S0501PR	114163	S0594	115877	S0664PR	115559
S0401	113677	S0501S	114163	S0594(BOSCH)	114193	S0664PR	116054
S0402	116039	S0502	113845	S0594(BOSCH)	115877	S0664S	115559
S0402PR	116039	S0504	115732	S0594PR	114193	S0664S	116054
S0403	114723	S0505	111855	S0594PR	115877	S0669(BOSCH)	111694
S0408	116344	S0505	116128	S0595	115335	S0670S	116077
S0411	112172	S0506	115717	S0595	116059	S0671S	114034
S0411	115816	S0509	115428	S0598	112267	S0673S	110519
S0412	112172	S0510	116685	S0599	115394	S0674S	111637
S0412	115816	S0512	116571	S0600	113534	S0674S	116376
S0413	114477	S0513	110539	S0602	111750	S0675S	114310
S0413(BOSCH)	114477	S0514	116259	S0603	113268	S0675S	115888
S0414	110858	S0515	114266	S0604	111724	S0678PR	111900
S0417	111900	S0520	113484	S0606	115646	S0678PR	115503
S0417	112286	S0523	113841	S0606PR	115646	S0679PR	113481
S0422	116327	S0523PR	113841	S0608S	115624	S0680PR	115735
S0423	112436	S0523SR	113841	S0609S	116024	S0681PR	113773
S0423	113451	S0524	112445	S0611S	114887	S0681S	113773
S0424	114055	S0524	116336	S0611S	116026	S0683S	113891
S0425	113183	S0526	111251	S0612S	115588	S0683S	115509
S0425	116347	S0527	111168	S0614(BOSCH)	112441	S0684PR	113286
S0429	114307	S0527	111768	S0614(BOSCH)	115505	S0684S	113286
S0429	116473	S0530	113480	S0614PR	112441	S0686PR	113515
S0430	112135	S0531	111911	S0614PR	115505	S0686S	113515
S0433	111619	S0533	112818	S0614S	112441	S0687PR	113750
S0433(BOSCH)	111619	S0534	113478	S0614S	115505	S0688PR	110584
S0436	112507	S0534	116446	S0615S	116084	S0688PR	111994
S0438	114446	S0535	115444	S0616S	116083	S0689PR	114523
S0438(BOSCH)	114446	S0535	116045	S0617S	115719	S0689S	114523
S0446	110531	S0535S	115444	S0620S	116083	S0690PR	115558
S0450	113891	S0535S	116045	S0621S	116584	S0690S	115558
S0450	115509	S0536	115948	S0622PR	115560	S0691PR	111909
S0451	114886	S0536PR	115948	S0622S	115560	S0691PR	115504
S0453	113706	S0537	112439	S0624PR	116486	S0692S	113406
S0454	114776	S0540	114742	S0624S	116486	S0693S	115979

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AS-PL Continued							
S0694S	113705	S0833S	116013	S1071S	114885	S1232S	111000
S0695S	110842	S0834S	110409	S1072(DELCO)	113659	S1242S	115740
S0697PR	115402	S0835S	115697	S1077(DELCO)	114270	S1246S	112240
S0698S	116369	S0837S	110538	S1081	115626	S1247S	111699
S0699S	116278	S0838S	113177	S1081(DELCO)	115626	S1248S	111786
S0702S	113184	S0838S	115329	S1082(DELCO)	113860	S1248S	112239
S0703S	116248	S0842S	113851	S1082S	113860	S1248S	112240
S0704S	115400	S0842S	115885	S1085(DELCO)	110958	S1248S	115985
S0705S	110525	S0847S	114676	S1086	111070	S1249S	111786
S0707S	113292	S0853S	112071	S1086	114460	S1249S	115985
S0707S	116342	S0854S	116510	S1094(DELCO)	116626	S1252S	112906
S0715S	116510	S0855S	111217	S1096(DELCO)	115446	S1256S	115626
S0716S	110552	S0856S	110538	S1096S	115446	S1259S	114888
S0718S	115594	S0857S	111217	S1097(DELCO)	116305	S1261S	116271
S0719S	113745	S0859S	110210	S1097S	116305	S2001	112320
S0721S	111029	S0862S	110210	S1098(DELCO)	114298	S2001(HITACHI)	112320
S0723S	112553	S0865S	114196	S1098S	114298	S2001PR	112320
S0725S	110537	S0866S	110409	S1101(DELCO)	111848	S2001SR	112320
S0726S	110207	S0867S	112174	S1107	111123	S2002	111690
S0727S	110206	S0868S	112533	S1107	111127	S2003	110723
S0737S	110519	S0870S	116571	S1107	112431	S2004	111136
S0739S	113465	S0871S	113601	S1108(DELCO)	116429	S2004	111534
S0740S	111217	S0872S	114092	S1108S	116429	S2005	111805
S0741S	115698	S0875S	113481	S1109(DELCO)	115446	S2006	110820
S0743S	115999	S0877S	114315	S1109S	115446	S2007	110574
S0744S	115986	S0882S	114073	S1114	110525	S2007	111805
S0746S	115735	S0882S	115511	S1115	116004	S2008	113675
S0748(BOSCH)	111910	S0883S	113891	S1116	112534	S2009	112365
S0749S	114170	S0883S	115509	S1118	111000	S2010	111559
S0752S	112660	S0884S	113271	S1119	114523	S2010	112083
S0753S	115472	S0886S	116418	S1124	114013	S2011	111803
S0754S	110530	S0893S	110206	S1125	114013	S2012	114032
S0754S	111284	S1001	111000	S1127	113465	S2014	115341
S0756S	110530	S1003	111034	S1128	111000	S2015	110575
S0757S	110536	S1004	112240	S1128	114330	S2016	111459
S0757S	116086	S1004	112241	S1131	112089	S2017	111312
S0758S	111004	S1005	112341	S1132	111000	S2019	112373
S0759S	110525	S1006	110999	S1133	110999	S2020	113680
S0760S	110814	S1007	111760	S1133	115821	S2021	114098
S0761S	110462	S1008	111786	S1134	112089	S2022	113675
S0761S	116137	S1008	112239	S1135	110436	S2023	111382
S0762S	110443	S1008	112240	S1139P	111849	S2025	115686
S0763S	110536	S1008	113679	S1143S	110999	S2026	110719
S0763S	116086	S1008	115985	S1144P	113860	S2027	113408
S0764S	113705	S1009	110347	S1144S	113860	S2031	112478
S0765S	111904	S1010	111699	S1150S	115569	S2031	113690
S0766S	110206	S1012	111222	S1154S	114124	S2031	116115
S0770S	116367	S1014	111123	S1162S	113695	S2033	110249
S0770S	116375	S1015	111982	S1164(DELCO)	115757	S2035	115341
S0771S	113276	S1017	113851	S1165S	112478	S2038	111803
S0775S	116282	S1017	115885	S1165S	113690	S2039	115361
S0776S	116378	S1018	114003	S1165S	116115	S2041	112676
S0777S	115561	S1024	112169	S1167S	114341	S2042	114764
S0779S	115589	S1027	114330	S1170S	114476	S2043	116525
S0781S	114523	S1028	115447	S1176S	111699	S2044	116112
S0785S	114395	S1032	114195	S1177P	115758	S2045	114213
S0786S	114002	S1038	113827	S1178S	115773	S2045	114253
S0786S	114021	S1041	114326	S1181S	112900	S2046	111445
S0787S	113760	S1045	113935	S1184S	112905	S2049	114874
S0788S	112040	S1045	115501	S1186(DELCO)	115626	S2050	113191
S0788S	116333	S1045(DELCO)	113935	S1187S	112255	S2052	110412
S0789S	112071	S1045(DELCO)	115501	S1188S	112175	S2052	111683
S0790S	113968	S1048	112089	S1189S	110469	S2053	113962
S0791S	110682	S1049	111000	S1190S	111872	S2056	112371
S0794S	110520	S1050	110999	S1190S	112530	S2057	115981
S0795S	112651	S1052	110590	S1192S	110590	S2058	110616
S0796S	110551	S1053	110436	S1194S	113172	S2059	114482
S0797S	113482	S1054	111041	S1198S	113276	S2060	112291
S0799S	110524	S1055	112652	S1200S	112906	S2062	113408
S0802S	110565	S1056	110602	S1201S	112905	S2062	114281
S0803S	112660	S1057	112268	S1202S	110347	S2066	114526
S0804S	112132	S1062	112267	S1206S	112902	S2068S	111459
S0805S	110214	S1064	110604	S1208S	111848	S2071S	115523
S0807S	110980	S1065	112668	S1209S	112546	S2072S	111303
S0808S	115567	S1066	111221	S1211S	110468	S2073S	114763
S0810S	114002	S1068(DELCO)	115758	S1219S	112897	S2074S	114747
S0811S	114021	S1068S	115758	S1221S	114124	S2076S	113976
S0817S	112120	S1069	114159	S1222S	110436	S2078PR	111534
S0819S	113466	S1069(DELCO)	114159	S1224S	111848	S2078SR	111136
S0820S	111851	S1070(DELCO)	114443	S1226S	114124	S2079S	112373
S0824S	110532	S1071(DELCO)	114885	S1229S	115743	S2080S	111098

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S2081S	110552	S3028PR	114161	S3082(VALEO)	114760	S3158S	116421
S2083S	114401	S3029	113933	S3082S	114760	S3159S	110584
S2084S	111382	S3029PR	113933	S3082S	114821	S3160S	113276
S2085S	111706	S3029SR	113933	S3085	115354	S3163S	114740
S2088S	116144	S3032	110584	S3086	110856	S3164PR	115612
S2092S	114032	S3032PR	110584	S3086	111100	S3164S	115612
S2097S	111452	S3034	114100	S3088	115839	S3165S	115769
S2103S	111247	S3035	111335	S3089	114854	S3166S	113445
S2109PR	111136	S3036	113267	S3090	112435	S3167PR	115611
S3001	112295	S3036(VALEO)	113267	S3091	113933	S3167S	115611
S3001PR	112295	S3037	113773	S3092(VALEO)	115559	S3168(VALEO)	116505
S3001SR	112295	S3037PR	113773	S3092(VALEO)	116054	S3168PR	116505
S3002	111070	S3038	115947	S3093	116248	S3168S	116505
S3002(VALEO)	111070	S3040	111851	S3093(VALEO)	116248	S3170PR	111070
S3002(VALEO)	114460	S3040	112440	S3094	113841	S3170PR	114460
S3003	111123	S3040(VALEO)	111851	S3094PR	113841	S3172S	116247
S3003PR	113276	S3040(VALEO)	112440	S3094SR	113841	S3173PR	111641
S3004	111251	S3040PR	111851	S3095	115376	S3174S	111025
S3004PR	111251	S3040PR	112440	S3095PR	115376	S3175PR	112429
S3004SR	111251	S3040SR	111851	S3096	114299	S3176PR	113841
S3005	110584	S3040SR	112440	S3096PR	114299	S3177S	115555
S3005PR	110584	S3041	112286	S3096SR	114299	S3178S	115629
S3006S	111334	S3042	111047	S3097(VALEO)	115610	S3179S	116265
S3007	111641	S3043	114176	S3097PR	115610	S3180S	116088
S3007PR	111641	S3043PR	114176	S3097S	115610	S3181PR	115336
S3007SR	111641	S3044	114034	S3098	115949	S3182S	116281
S3008	112218	S3044PR	114034	S3100	112475	S3184S	116682
S3008PR	112218	S3045	111015	S3101	115554	S3185(VALEO)	114171
S3009	111130	S3047	111231	S3102(VALEO)	113020	S3185(VALEO)	116338
S3009PR	111130	S3050	111404	S3102S	113020	S3185S	114171
S3010	110584	S3051	115522	S3103(VALEO)	111307	S3185S	116338
S3010PR	110584	S3052	113481	S3106	115977	S3186S	115745
S3010SR	110584	S3052PR	113481	S3106(VALEO)	115977	S3187S	113276
S3012	113932	S3053	111307	S3107(VALEO)	112322	S3188S	113962
S3012PR	113932	S3055	114163	S3107S	112322	S3189S	112321
S3013	111508	S3055PR	114163	S3109(VALEO)	111912	S3193S	116316
S3014	110866	S3057	114030	S3109S	110809	S3195S	113521
S3015	110585	S3058	112474	S3109S	111912	S3196S	114820
S3016	113254	S3058PR	112474	S3111(VALEO)	113659	S3197S	111059
S3016(VALEO)	113254	S3058SR	112474	S3111S	113659	S3197S	111748
S3016PR	113254	S3058SR	113930	S3112	116709	S3198S	110277
S3016SR	113254	S3059	112474	S3112(VALEO)	116709	S3199S	111214
S3017	113719	S3059(VALEO)	112474	S3116(VALEO)	110958	S3201S	113797
S3017	115869	S3059PR	112474	S3118(VALEO)	110958	S3202PR	113905
S3017(VALEO)	113719	S3060	114035	S3118S	110958	S3202PR	116159
S3017(VALEO)	115869	S3061	114074	S3121	113796	S3203S	116279
S3017PR	113719	S3061PR	114074	S3122(VALEO)	113727	S3204S	114443
S3017PR	115869	S3061SR	114074	S3122S	113727	S3205S	111748
S3018	113843	S3062	113937	S3123	111168	S3207S	111214
S3018PR	113843	S3063	112217	S3123	111768	S3211S	115390
S3019	111994	S3064	113929	S3124(VALEO)	113897	S3212S	116046
S3020	111931	S3065	111906	S3124PR	113897	S3214S	114163
S3020PR	111931	S3065(VALEO)	111906	S3124S	113897	S3215S	113307
S3021	115442	S3065PR	111906	S3125	113959	S3216S	112218
S3022	114199	S3066	111694	S3125	115510	S3218S	116516
S3022PR	114199	S3066PR	111694	S3126	110866	S3219S	115448
S3022SR	113644	S3070	114029	S3127	115839	S3222S	116648
S3023	113963	S3071	113478	S3128	111909	S3225S	111100
S3023PR	113963	S3071	116379	S3128	115504	S3226S	115634
S3024	112475	S3072	115403	S3132(VALEO)	116429	S3227S	110808
S3024PR	112475	S3072(VALEO)	115403	S3132S	116429	S3227S	113254
S3024SR	112475	S3074	114127	S3133S	110999	S3228S	111347
S3025	111900	S3074	116160	S3134(VALEO)	112322	S3229(VALEO)	116287
S3025(VALEO)	111900	S3074PR	114127	S3136(VALEO)	113659	S3230PR	115402
S3025(VALEO)	115503	S3074PR	116160	S3138(VALEO)	115629	S4001	110819
S3025(VALEO)	116440	S3074SR	114127	S3140(VALEO)	115977	S4002	110565
S3025PR	111900	S3074SR	116160	S3142	112388	S4004	110462
S3025PR	115503	S3075	113842	S3143	115829	S4004	116137
S3025PR	116440	S3075	115508	S3144	114719	S4005	110565
S3025SR	111900	S3075(VALEO)	113842	S3146	115571	S4006	110465
S3025SR	115503	S3075(VALEO)	115508	S3148	115426	S4007	110461
S3025SR	116440	S3075PR	113842	S3149(VALEO)	115571	S4008	113380
S3026	113387	S3075PR	115508	S3150PR	115744	S4009	110441
S3026PR	113387	S3076	114892	S3150S	115744	S4010	110545
S3026SR	113387	S3077	115948	S3151(VALEO)	112295	S4011	110442
S3027	113926	S3078	115685	S3152(VALEO)	111307	S4011	110443
S3027(VALEO)	111070	S3079	111066	S3153PR	115539	S4012	110459
S3027(VALEO)	113926	S3080	114878	S3153PR	116156	S4013	113534
S3027(VALEO)	114460	S3081	114778	S3153S	115539	S4014	110818
S3027PR	113926	S3081(VALEO)	114778	S3153S	116156	S4015	111420
S3028	114161	S3082	114760	S3155S	111422	S4015PR	111420

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AS-PL Continued							
S4016.....	113750	S5018.....	111552	S5084.....	115896	S5204.....	114734
S4016PR.....	114758	S5019.....	111241	S5086.....	115360	S5207.....	114838
S4016SR.....	114758	S5020.....	110811	S5088.....	110810	S5208.....	114733
S4017.....	112026	S5021.....	110292	S5090.....	111300	S5208.....	115894
S4018.....	110439	S5021.....	110572	S5091.....	114280	S5209.....	115451
S4019.....	111346	S5021.....	113668	S5091(MITSUBISHI).....	114280	S5210.....	115361
S4020.....	112124	S5022.....	113673	S5093.....	114445	S5211.....	113995
S4021.....	110517	S5023.....	111451	S5095.....	110807	S5211(MITSUBISHI).....	113995
S4022.....	111422	S5025.....	110256	S5096.....	110933	S5212.....	114487
S4022PR.....	111422	S5026.....	113445	S5098.....	114144	S5214.....	114872
S4023.....	110521	S5027.....	113672	S5099.....	113977	S5214.....	115875
S4024.....	113430	S5027.....	115881	S5100.....	114283	S5214(MITSUBISHI).....	114872
S4025.....	113962	S5027(MITSUBISHI).....	113672	S5102.....	110809	S5214(MITSUBISHI).....	115875
S4026.....	110529	S5027(MITSUBISHI).....	115881	S5102.....	111565	S5216.....	115830
S4026.....	110640	S5028.....	113830	S5103.....	110277	S5217.....	114169
S4027SR.....	114035	S5028.....	114872	S5104.....	110256	S5221.....	114873
S4028.....	112382	S5028.....	115875	S5105.....	111912	S5223.....	113445
S4028PR.....	112382	S5028.....	115884	S5106.....	113702	S5227.....	115439
S4029.....	113654	S5028(MITSUBISHI).....	113830	S5107.....	113669	S5227.....	115876
S4030.....	113655	S5028(MITSUBISHI).....	115884	S5108.....	114169	S5229.....	115840
S4031.....	113925	S5028SR.....	113830	S5109.....	114232	S5231.....	114445
S4032.....	110536	S5028SR.....	115884	S5111.....	112177	S5234.....	114060
S4032.....	111332	S5029.....	114100	S5113.....	112474	S5235.....	114445
S4032.....	116139	S5030.....	114100	S5118.....	111485	S5236S.....	116618
S4032.....	116312	S5031.....	114279	S5120.....	113044	S5237S.....	116285
S4032.....	116320	S5032.....	113323	S5124.....	112846	S5240S.....	115439
S4033.....	111585	S5033.....	111971	S5125.....	112301	S5240S.....	115876
S4033PR.....	111585	S5034.....	110808	S5127.....	113618	S5241S.....	112822
S4035.....	113446	S5035.....	113897	S5130.....	113638	S5241S.....	115880
S4037.....	110814	S5035PR.....	113897	S5131.....	116565	S5243S.....	113830
S4039.....	111025	S5035SR.....	113897	S5134.....	113642	S5243S.....	115884
S4040.....	111070	S5036.....	113964	S5136.....	113931	S5244(MITSUBISHI).....	115731
S4040.....	113926	S5037.....	111730	S5136PR.....	113931	S5244(MITSUBISHI).....	115891
S4040.....	114460	S5038.....	113927	S5138.....	113319	S5244S.....	115731
S4040(MM).....	111070	S5038PR.....	113927	S5139.....	112300	S5244S.....	115891
S4040(MM).....	113926	S5038SR.....	113927	S5140.....	111912	S5246S.....	114330
S4040(MM).....	114460	S5039.....	114479	S5142.....	114183	S5247(MITSUBISHI).....	115451
S4042.....	114216	S5041.....	114893	S5143.....	114217	S5247S.....	115451
S4044.....	110813	S5041(MITSUBISHI).....	114893	S5144.....	115627	S5249S.....	115359
S4044(MM).....	110813	S5042.....	114058	S5146.....	115330	S5251S.....	116645
S4051.....	115951	S5042PR.....	114058	S5146(MITSUBISHI).....	115330	S5253S.....	114074
S4053.....	112660	S5044.....	113930	S5147.....	115556	S5257S.....	113897
S4054.....	111573	S5045.....	114059	S5147(MITSUBISHI).....	115556	S5259S.....	113795
S4057.....	113134	S5046.....	111476	S5147(MITSUBISHI).....	115886	S5261S.....	110182
S4058.....	110442	S5047.....	112342	S5149.....	114310	S5265(MITSUBISHI).....	116374
S4059.....	110440	S5049.....	113851	S5149.....	115888	S5265S.....	116374
S4060.....	111103	S5049.....	115885	S5150.....	111349	S5266(MITSUBISHI).....	116598
S4061.....	110640	S5050.....	114061	S5151.....	114057	S5266S.....	116598
S4062.....	110813	S5052.....	113210	S5153.....	110947	S5269(MITSUBISHI).....	114193
S4062.....	112267	S5053.....	114180	S5155.....	114144	S5269(MITSUBISHI).....	115877
S4063.....	111102	S5054.....	113642	S5155.....	114237	S5271S.....	115426
S4065PR.....	113701	S5055.....	113676	S5158.....	113194	S5274S.....	114460
S4066PR.....	111422	S5055.....	115883	S5161.....	110576	S5275S.....	113960
S4066SR.....	111422	S5056.....	115327	S5162.....	114167	S5281(MITSUBISHI).....	111912
S4068PR.....	111025	S5057.....	113551	S5165.....	110585	S5283S.....	115597
S4068SR.....	111025	S5058.....	114733	S5165.....	115442	S5287S.....	116435
S4069S.....	114035	S5058.....	115894	S5170.....	110402	S5288S.....	116270
S4070(MM).....	112390	S5060.....	111070	S5171.....	110947	S5289S.....	116274
S4071S.....	113346	S5060.....	114460	S5173.....	114872	S5290S.....	113906
S4072S.....	113380	S5061.....	114323	S5173.....	115875	S5291PR.....	113933
S4075S.....	112277	S5061.....	115889	S5174.....	115440	S5295PR.....	111070
S4075S.....	114650	S5061(MITSUBISHI).....	114323	S5175.....	113984	S5295PR.....	114460
S5001.....	110158	S5061(MITSUBISHI).....	115889	S5176.....	115842	S5297S.....	111272
S5002.....	110315	S5062.....	114734	S5181.....	114474	S5299PR.....	110584
S5003.....	111913	S5064.....	114031	S5181S.....	114474	S5301S.....	116087
S5004.....	111272	S5064.....	115556	S5182.....	112342	S5302S.....	114818
S5004(MITSUBISHI).....	111272	S5064.....	115886	S5184.....	114871	S5304ER.....	114460
S5005.....	110809	S5065.....	114108	S5185.....	115728	S5304SR.....	114460
S5006.....	110809	S5066.....	113827	S5186.....	114038	S5306PR.....	113254
S5007.....	112370	S5067.....	114330	S5187.....	116511	S5307S.....	116560
S5007(MITSUBISHI).....	112370	S5069.....	111273	S5188.....	115448	S5310PR.....	110585
S5008.....	110576	S5070.....	114193	S5189.....	114169	S5311PR.....	111994
S5009.....	112103	S5070(MITSUBISHI).....	114193	S5191.....	116536	S5314S.....	114234
S5010.....	111108	S5070(MITSUBISHI).....	115593	S5192.....	113891	S5315S.....	114686
S5011.....	113195	S5070(MITSUBISHI).....	115877	S5192.....	115509	S5321PR.....	114460
S5012.....	110808	S5070(MITSUBISHI).....	115887	S5196.....	112323	S5323S.....	111349
S5013.....	113129	S5077.....	114003	S5197.....	114038	S5326S.....	116449
S5014.....	110149	S5080.....	114819	S5198.....	114761	S5330S.....	116250
S5015.....	111349	S5082.....	111000	S5202.....	115553	S5332S.....	111552
S5016.....	110394	S5083.....	115727	S5203.....	114185	S5339S.....	116644
S5017.....	111608	S5084.....	114086	S5203(MITSUBISHI).....	114185	S5351S.....	113821

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S5352S	111485	S6026	111679	S6112	112489	S6246S	114886
S5352S	112368	S6027	110580	S6117	112036	S6248(DENSO)	114216
S5362S	113819	S6029	114037	S6118	114222	S6248S	114216
S5370S	115448	S6030	114346	S6120	113203	S6249(DENSO)	112006
S5377S	116267	S6032	114071	S6123	113129	S6250S	111451
S5379S	113906	S6032(DENSO)	114071	S6125	114660	S6252S	110358
S5381S	114485	S6033	113271	S6136	110626	S6252S	112646
S5382S	111303	S6033(DENSO)	113271	S6140	115468	S6253S	111552
S5382S	111459	S6034	112367	S6140(DENSO)	115468	S6257S	116255
S5387S	111374	S6034(DENSO)	112367	S6141	115645	S6258S	112006
S5395S	114818	S6035	113313	S6144	114340	S6259S	113204
S5396S	116262	S6035(DENSO)	114889	S6148	115733	S6261S	113629
S5397S	111970	S6036	113314	S6148(DENSO)	115733	S6262S	116555
S5401S	116269	S6036(DENSO)	113314	S6150	111764	S6263(DENSO)	116464
S5411S	113794	S6038	115328	S6154(DENSO)	114299	S6263S	116464
S5413S	110421	S6038(DENSO)	115328	S6156	116000	S6264S	115982
S5413S	111475	S6039	115723	S6156(DENSO)	116000	S6266(DENSO)	110574
S5414S	111275	S6039(DENSO)	115723	S6157	110260	S6269(DENSO)	110154
S5414S	112178	S6040	115644	S6157	110411	S6270(DENSO)	110154
S5419S	111485	S6040(DENSO)	115644	S6157(DENSO)	110411	S6274S	112547
S5419S	112368	S6041	114886	S6161	116424	S6275S	114278
S5421S	115573	S6041(DENSO)	114886	S6161S	116424	S6277(DENSO)	116630
S5422S	113195	S6042	115613	S6163	114851	S6277S	116630
S5424S	111310	S6042(DENSO)	115613	S6167	114823	S6278(DENSO)	111683
S5426S	115802	S6043	115642	S6168	114716	S6278S	111683
S5431S	112178	S6043(DENSO)	115642	S6172	112545	S6280S	116426
S5431S	112185	S6044	112336	S6173	113596	S6282S	114268
S5436S	113927	S6045	110447	S6174	115822	S6284S	114731
S5436S	115778	S6046	110720	S6175	114389	S6288S	114717
S5438S	114696	S6046	113966	S6178	115725	S6291S	116272
S5439S	116418	S6046(DENSO)	110720	S6178(DENSO)	115725	S6295S	116003
S5440S	116277	S6046(DENSO)	113966	S6179	111442	S6296S	116555
S5442S	116374	S6047	113361	S6181	115821	S6297S	115336
S5443S	115556	S6049	113169	S6183	114891	S6299S	116424
S5443S	115886	S6055	114305	S6185	114740	S6300S	114389
S5444S	116278	S6055(DENSO)	114305	S6188(DENSO)	116092	S6302S	116371
S5445S	113827	S6055PR	114305	S6190	114282	S6303S	115362
S5446S	115440	S6055SR	114305	S6190	114340	S6307S	116273
S5447S	113851	S6056	115828	S6191	115589	S6309S	113314
S5447S	115885	S6056(DENSO)	116024	S6192	116470	S6316S	115644
S5448S	116431	S6057	112367	S6194	114817	S6317S	113108
S5465S	113830	S6057(DENSO)	112367	S6194(DENSO)	114817	S6319S	115784
S5465S	114872	S6059	114853	S6197	116078	S6321S	113665
S5465S	115875	S6060	113757	S6199	113211	S6323S	115755
S5465S	115884	S6060	116254	S6199	114485	S6327S	116472
S5469S	114444	S6061	114056	S6199(DENSO)	113211	S6329(DENSO)	110940
S5474S	113984	S6061(DENSO)	114056	S6199(DENSO)	114485	S6329(DENSO)	115552
S5481PR	111070	S6061PR	114056	S6200	113459	S6330S	110961
S5481PR	114460	S6062	111552	S6202	116149	S6331(DENSO)	110485
S5484S	110394	S6063	113171	S6203	110941	S6332(DENSO)	110411
S6001	111387	S6066	110942	S6205	114693	S6333S	113429
S6002	110389	S6068	110708	S6207	115636	S6334(DENSO)	111197
S6003	110627	S6070	113114	S6207(DENSO)	115636	S6336(DENSO)	111021
S6004	111683	S6071	110941	S6210(DENSO)	114093	S6336(DENSO)	111622
S6005	112823	S6072	111021	S6210(DENSO)	115512	S6337(DENSO)	114197
S6005	115872	S6073	110581	S6210S	114093	S6338(DENSO)	110246
S6005(DENSO)	112823	S6075	114072	S6210S	115512	S6341S	116371
S6005(DENSO)	115872	S6076	113172	S6213S	114240	S6343S	115561
S6005S	112823	S6077	113928	S6215S	116256	S6344S	114333
S6007	113662	S6078	113696	S6216S	114332	S6345S	110938
S6008	113327	S6080	115950	S6217S	115595	S6345S	111299
S6009	110260	S6081	113702	S6219S	115729	S6347S	113169
S6010	110490	S6082	111525	S6220S	115524	S6351S	113725
S6011	113757	S6083	111874	S6221S	115637	S6352S	112214
S6012	113965	S6083(DENSO)	111874	S6222S	113757	S6353S	111544
S6013	110397	S6085	110581	S6223S	111455	S6359S	113206
S6014	111984	S6088	113428	S6225S	116513	S6363S	114260
S6016	111849	S6089	113725	S6232S	114224	S6364S	112367
S6017	110479	S6090	112544	S6234S	113271	S6367S	114400
S6018	111561	S6093	110485	S6235S	116092	S6372S	114773
S6019	111785	S6096	111197	S6236(DENSO)	116474	S6373S	116443
S6020	111455	S6097	110485	S6236S	116474	S6374S	115352
S6020S	111455	S6097S	110485	S6237S	114037	S6375S	113757
S6021	113938	S6098	110713	S6237S	114255	S6376S	115784
S6022	111559	S6099	114661	S6237S	114817	S6380S	113983
S6023	112822	S6099(DENSO)	114661	S6241(DENSO)	115735	S6381S	112544
S6023	115880	S6104	110154	S6242(DENSO)	116486	S6385S	114277
S6023(DENSO)	112822	S6107(DENSO)	113601	S6242S	116486	S6388(DENSO)	111622
S6023(DENSO)	115880	S6108(DENSO)	114037	S6245(DENSO)	116003	S6390S	113239
S6024	113329	S6108(DENSO)	114255	S6245S	116003	S6399S	113132
S6025	110944	S6109(DENSO)	115951	S6246(DENSO)	114886	S6404S	113239

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AS-PL Continued							
S64055	115323	S9056	111755	S9180	113191	S92905	113532
S64185	111492	S9058	111214	S9181	115954	S92905	116535
S64235	111087	S9058	112236	S9183	113456	S9291(LETRIKA)	111304
S64335	114326	S9060	112442	S9184	110580	S9292S	110352
S6434(DENSO)	114685	S9060	116130	S9185	114169	S9293(LETRIKA)	115325
S64355	116268	S9061	110545	S9190	111254	S9294(LETRIKA)	114475
S64395	110938	S9062	114298	S9196(LETRIKA)	112039	S9294(LETRIKA)	116672
S64395	110940	S9063	115641	S9196(LETRIKA)	116685	S9294S	114475
S6442S	114474	S9068	114659	S9197(LETRIKA)	112074	S9294S	116672
S6444S	115314	S9070	110590	S9198(LETRIKA)	110529	S9297(LETRIKA)	111755
S9001	112251	S9071	114092	S9199(LETRIKA)	115393	S9298(LETRIKA)	111755
S9002	112821	S9072	115590	S9199S	115393	S9300S	115954
S9002	115870	S9072ER	115590	S9200(LETRIKA)	113982	S9301S	113484
S9002(VISTEON)	112821	S9075	113797	S9200(LETRIKA)	116458	S9302S	114107
S9002(VISTEON)	115870	S9078	113231	S9200S	113982	S9304S	115681
S9002PR	112821	S9079	112478	S9200S	116458	S9314S	114820
S9002PR	115870	S9079	113690	S9201(LETRIKA)	115535	S9319S	115357
S9002SR	112821	S9079	116115	S9202(LETRIKA)	112041	S9325S	113478
S9002SR	115870	S9080	113020	S9203(LETRIKA)	113381	S9326S	115681
S9003	114762	S9083	112286	S9204(LETRIKA)	114677	S9328S	110616
S9003(POONGSUNG)	114762	S9084	110138	S9204S	114677	S9335S	114270
S9004	113794	S9085	114732	S9207	110490	S9339S	110545
S9006	111020	S9087	114388	S9211	113456	S9343S	111214
S9009	112304	S9087	116308	S9213	111212	S9345S	111307
S9010	111214	S9089	110555	S9214(LETRIKA)	114480	S9347S	111442
S9011	112388	S9089	114164	S9214S	114480	S9352S	116379
S9014	112290	S9091ER	110545	S9215(LETRIKA)	113467	S9353S	114824
S9014PR	112290	S9093	113356	S9216(LETRIKA)	113532	S9360S	115392
S9015	111374	S9093(LETRIKA)	113356	S9217(LETRIKA)	112132	S9362S	114852
S9016	110522	S9094(LETRIKA)	112034	S9218(LETRIKA)	115472	S9364S	114107
S9017	115515	S9094(LETRIKA)	112171	S9218S	110536	S9364S	114388
S9017SR	115515	S9094(LETRIKA)	116556	S9218S	112173	S9364S	116308
S9018	112488	S9097	115776	S9218S	115472	S9366S	112214
S9019	112235	S9097(LETRIKA)	115776	S9219(LETRIKA)	110462	S9367S	110245
S9020	113905	S9098	114388	S9219(LETRIKA)	116137	S9370S	111442
S9020	116159	S9098	116308	S9220(LETRIKA)	111224	S9370S	112214
S9020PR	113905	S9098(LETRIKA)	114388	S9221(LETRIKA)	114398	S9374S	111844
S9020PR	116159	S9098(LETRIKA)	116308	S9222(LETRIKA)	114254	S9375S	112608
S9021	110565	S9099	114220	S9223	113429	S9378S	114760
S9023	113269	S9099	116132	S9223(LETRIKA)	113429	S9382S	116051
S9024	114254	S9099(LETRIKA)	114220	S9225	114447	S9382S	116483
S9024	116134	S9099(LETRIKA)	116132	S9225(LETRIKA)	114447	S9388S	112600
S9025	110634	S9100	112446	S9226(LETRIKA)	113482	S9391S	111183
S9026	112242	S9100	113468	S9227	113570	S9395S	112235
S9027	112563	S9100	116135	S9228	114050	S9401S	113701
S9028	110635	S9100(LETRIKA)	112446	S9229	115721	S9402S	116266
S9030	113906	S9100(LETRIKA)	113468	S9232	114002	S9404S	112322
S9031	112340	S9100(LETRIKA)	116135	S9233	113429	S9414S	113181
S9032	113910	S9101	112446	S9234	116136	S9417S	114387
S9032PR	113910	S9101	113468	S9235	114852	S9417S	116307
S9033	113911	S9101	116135	S9235(LETRIKA)	114852	S9420(LETRIKA)	114276
S9033	116157	S9101(LETRIKA)	112446	S9236	116093	S9421S	112563
S9033PR	113911	S9101(LETRIKA)	116135	S9236(LETRIKA)	116093	S9422S	113853
S9033PR	116157	S9102	111640	S9241	115405	S9422S	113854
S9033SR	113911	S9102(LETRIKA)	111640	S9242	111307	S9422S	114519
S9033SR	116157	S9103	110352	S9243	113182	S9424S	110363
S9034	110656	S9105	112304	S9244	111760	S9426S	113703
S9035	114119	S9115ER	112235	S9244(LETRIKA)	111760	S9428S	115391
S9036	113908	S9121	115954	S9245	115569	S9429S	116260
S9036	116062	S9128	114436	S9248	110389	S9430S	115472
S9036(VISTEON)	113908	S9140	114267	S9250	114166	S9433S	114483
S9036(VISTEON)	116062	S9144	110615	S9250	114330	S9434(LETRIKA)	113466
S9036PR	116062	S9144	114387	S9253	115389	S9435P	116049
S9037	110818	S9144	116307	S9256	115626	S9445P	116049
S9039	113821	S9146	110616	S9266	110555	S9446S	110555
S9041	113356	S9147(MANDO)	110576	S9268	113901	S9446S	114164
S9041(MAGNETON)	113356	S9149(POONGSUNG)	110389	S9271	111020	S9447(LETRIKA)	110439
S9043	111332	S9156	110397	S9272	115350	S9447(LETRIKA)	110819
S9044	110536	S9164	114324	S9273	113906	S9449(LETRIKA)	110206
S9044	116139	S9167	112649	S9274(LETRIKA)	115609	S9450S	115968
S9045	110462	S9170	111254	S9275	110555	AVF (DELCO - H/MOGURT)	
S9045	116137	S9172	113654	S9275	114396	808002	110206
S9046	111752	S9172(LETRIKA)	114387	S9277	116305	001/004	110210
S9047	113269	S9172(LETRIKA)	116307	S9282(LETRIKA)	110615	001/109	110210
S9050	110522	S9173	114264	S9282(LETRIKA)	111737	001/504	110210
S9051	110615	S9173(LETRIKA)	114264	S9284(LETRIKA)	112660	001/506	110210
S9052	110530	S9174	114320	S9284S	112660	001/507	110210
S9052	111284	S9175	113901	S9285S	112566	001/508	110210
S9052	116465	S9175(LETRIKA)	113901	S9286S	112312	001/605	110210
S9054	110519	S9176	110523	S9287S	115389	001/609	110210
S9055	110529	S9176	112494	S9289S	111041		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
001/702.....	110210	IM405.....	116510	1740624.....	111873	7526236.....	114740
001/706.....	110210	IM409.....	110538	1740629.....	112193	7526237.....	114740
001/803.....	110210	IM412.....	110537	1740633.....	111873	7526286.....	115473
001/806.....	110210	IM414.....	110539	2244833.....	112800	7530086.....	112193
001/809.....	110210	IM502.....	110206	2244883.....	112800	7532696.....	115867
001/810.....	110210	IM503.....	110533	2244884.....	112800	7532966.....	113871
001/811.....	110210	IM504.....	111003	2245328.....	111908	7532968.....	114781
001/903.....	110210	IM505.....	110207	2245576.....	113868	7533270.....	113871
001/905.....	110210	IM508.....	110208	2245654.....	113868	7540897.....	113960
001/911.....	110210	IM509.....	110208	2246070.....	111947	7540990.....	114189
002/009.....	110206	IM510.....	110210	2246078.....	111947	7540992.....	114189
002/010.....	110206	IM511.....	110582	2246570.....	113446	7541694.....	115976
002/103.....	110206	IM513.....	110601	2246571.....	113446	7541696.....	115976
002/105.....	110206	IM521.....	110208	2246572.....	111947	7542351.....	116198
002/206.....	110206	IM522.....	110512	2246573.....	111947	7542529.....	115904
002/306.....	110206	IM523.....	110206	2247063.....	113925	7543083.....	115904
002/508.....	110206	IM524.....	110512	2247389.....	112462	7546284.....	115976
002/509.....	110206	IM526.....	112507	2247391.....	113446	7546285.....	115976
002/510.....	110206	IM528.....	111218	2248296.....	112468	7550319.....	115658
002/511.....	110206	IM530.....	110534	2248297.....	112468	7550468.....	115931
002/601.....	110206	IM536.....	110535	2249295.....	113925	7550469.....	116198
002/608.....	110206	IM540.....	110531	2249966.....	113407	7550967.....	116012
002/611.....	110206	IM543.....	110209	2305888.....	116075	7550968.....	116120
002/702.....	110206	IM544.....	110932	2306955.....	116075	7550968.....	116121
002/703.....	110208	IM547.....	110512	2354693.....	111911	7550997.....	115658
002/704.....	110206	IM548.....	110212	2354701.....	114740	7551252.....	112193
002/801.....	110206	IM553.....	111219	2354709.....	114118	7551254.....	116012
002/802.....	110206	IM554.....	110512	2542343.....	113407	7551256.....	116120
002/803.....	110206	IM559.....	113850	4487081.....	115904	7551256.....	116121
002/806.....	110206	IM561.....	110980	4496934.....	113925	7552105.....	113960
002/808.....	110206	IM562.....	110981	4542741.....	113286	7552697.....	114692
002/809.....	110206	IM601.....	110210	4542789.....	114295	7553009.....	114771
002/901.....	110206	IM602.....	111046	7501592.....	111873	7555926.....	116120
002/902.....	110210	IM605.....	110213	7501593.....	112193	7555926.....	116121
002/903.....	110206	IM606.....	110532	7501595.....	112193	7557789.....	115804
002/904.....	110206	IM607.....	110212	7501597.....	112193	7558219.....	115804
002/906.....	110206	IM617.....	110531	7501599.....	112193	7558220.....	115804
002/907.....	110206	IM623.....	111219	7501668.....	111911	7559223.....	115658
002/909.....	110206	IM636.....	110531	7501690.....	112193	7560985.....	116169
002/911.....	110206	IM637.....	112120	7501738.....	111911	7560986.....	116169
012/810.....	110537	IM641.....	110205	7501755.....	112193	7562388.....	114771
IM1.....	110512	IM642.....	112119	7505979.....	113292	7570487.....	113286
IM1/1.....	110512	IM643.....	110214	7505979.....	116342	7570488.....	114295
IM131.....	110601	IM645.....	110212	7507741.....	115473	7574365.....	114771
IM16.....	110207	IM653.....	111231	7507995.....	115473	7575872.....	114771
IM16/1.....	110601	IM665.....	112116	7508258.....	112426	7575873.....	114771
IM17/1.....	110512	IM801.....	110210	7508636.....	115940	7576513.....	114811
IM21-5/24.....	110601	VG921/W.....	110544	7509097.....	112413	7576513.....	116311
IM310.....	110206			7509100.....	112413	7576514.....	114811
IM312.....	110212	BELARUS		7509112.....	112413	7576514.....	116311
IM316.....	110213	20073708000.....	113356	7509113.....	112413	7576550.....	114771
IM320.....	110512	BMW		7509342.....	114147	7579155.....	114740
IM321.....	110601	1079452.....	114258	7510593.....	112193	7582309.....	113960
IM322.....	110932	1247288.....	111946	7515029.....	114147	7582699.....	116198
IM323.....	110533	1266463.....	114118	7515030.....	114258	7585940.....	115931
IM324.....	110534	1287788.....	112533	7515390.....	111911	7594292.....	114740
IM325.....	110208	1288166.....	112533	7515391.....	111911	7604782.....	114771
IM326.....	110207	1289520.....	112533	7515392.....	111911	7605060.....	115693
IM327.....	110209	1432977.....	111873	7516098.....	113871	7605061.....	116442
IM328.....	110535	1432978.....	111873	7519723.....	115976	7605478.....	116220
IM330.....	110214	1432980.....	112193	7520495.....	113871	7605479.....	116442
IM332.....	110932	1432983.....	111873	7521116.....	114740	7605480.....	116220
IM335.....	111219	1432987.....	112193	7521122.....	114740	7610343.....	114740
IM34.....	110537	1435423.....	112413	7521123.....	114740	7613445.....	114771
IM34/1.....	110537	1435425.....	112413	7521178.....	114524	7616119.....	116388
IM34/3.....	110537	1435426.....	112413	7521178.....	116295	7616121.....	116388
IM34/4.....	110409	1435427.....	112413	7521382.....	114781	7626000.....	115562
IM340.....	110531	1489995.....	114295	7521383.....	114781	7631558.....	116464
IM341.....	110531	1517328.....	114295	7521384.....	113871	7631559.....	116464
IM35.....	111217	1705483.....	112426	7521385.....	113871	7638194.....	115562
IM35/1.....	111217	1713898.....	112172	7521488.....	114781	7638195.....	115562
IM350.....	110208	1714750.....	114118	7521489.....	114781	7638196.....	115562
IM360.....	110210	1715238.....	114118	7521490.....	113871	7638197.....	115562
IM361.....	110212	1720642.....	111400	7523450.....	114297	7785691.....	113446
IM362.....	110213	1720663.....	112172	7523606.....	115473	7785715.....	113446
IM380.....	110205	1720664.....	112172	7523608.....	115473	7787346.....	113407
IM381.....	110532	1735400.....	114118	7523897.....	114200	7787354.....	114127
IM382.....	110532	1740374.....	111911	7524972.....	114189	7787354.....	116160
IM4/1.....	110512	1740375.....	111911	7525376.....	114524	7787925.....	113446
IM401.....	110537			7525376.....	116295	7788222.....	113407
IM403.....	111217			7525440.....	114189	7788223.....	113407

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BMW Continued							
7788247	113407	12311432984	111873	12317516104	113871	12317561003	115923
7788680	114072	12311432985	112193	12317516107	116165	12317561004	115923
7789980	113881	12311432986	112193	12317516490	115867	12317562388	114771
7789981	113896	12311432987	112193	12317516721	116165	12317573754	116189
7789981	116158	12311433977	111873	12317516722	116165	12317573755	116189
7789983	113881	12311435423	112413	12317516723	113871	12317574365	114771
7789984	113896	12311435424	112413	12317516724	115867	12317575344	115807
7789984	116158	12311435425	112413	12317519721	115976	12317575347	115807
7790879	113970	12311435426	112413	12317519723	115976	12317575650	114771
7792072	113896	12311435427	112413	12317520495	113871	12317575872	114771
7792072	116158	12311435428	112413	12317520495	115867	12317575873	114771
7792092	112468	12311435429	112413	12317521135	115976	12317576513	114811
7794970	114844	12311435430	112413	12317521137	115976	12317576513	116311
7796125	114385	12311435938	112413	12317521178	114524	12317576514	114811
7796892	114091	12311662467	110912	12317521178	116295	12317576514	116311
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7797521	116158	12311720967	112687	12317521383	114781	12317582699	116198
7797522	113896	12311726967	112687	12317521384	113871	12317585940	115931
7797522	116158	12311730580	112687	12317521384	115867	12317603778	116189
7797660	113881	12311730602	112687	12317521385	113871	12317603779	115807
7798006	115335	12311730751	112687	12317521385	115867	12317603781	116189
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7799204	113896	12311735792	112687	12317521489	114781	12317604782	114771
7799204	116158	12311740624	111873	12317521490	113871	12317605060	115693
7800308	115860	12311740626	111873	12317521490	115867	12317605061	116442
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7802471	114720	12311740631	112193	12317522962	113871	12317605479	116442
7802508	114689	12311740633	111873	12317523606	115473	12317605480	116220
7802929	113896	12311744560	112687	12317523608	115473	12317613445	114771
7802929	116158	12311744562	112687	12317523897	114200	12317615484	114811
7803514	114849	12311744564	112687	12317524972	114189	12317615484	116311
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7804140	115335	12312244833	112800	12317525376	116295	12317619254	114811
7806779	114844	12312244883	112800	12317525440	114189	12317619254	116311
7807187	116138	12312244884	112800	12317526286	115473	12317640132	116622
7808074	115960	12312245576	113868	12317530086	112193	12317640875	116622
7812034	115335	12312245654	113868	12317532964	114781	12317705483	112426
7812070	115717	12312246070	111947	12317532965	115867	12317787346	113407
7823700	115335	12312246078	111947	12317532966	113871	12317788222	113407
7823701	115335	12312246572	111947	12317532968	114781	12317788223	113407
7830791	115307	12312246573	111947	12317532969	115867	12317788247	113407
7831436	115307	12312247389	112462	12317533268	114781	12317788248	113407
7834160	113896	12312247405	112462	12317533270	113871	12317789980	113881
7834160	116158	12312248296	112468	12317533272	114781	12317789981	113896
8506657	115335	12312248297	112468	12317533469	116187	12317789981	116158
8507623	116209	12312249966	113407	12317535098	116311	12317789983	113881
8507624	115581	12312249969	113407	12317540990	114189	12317789984	113896
8507624	116348	12312305888	116075	12317540992	114189	12317789984	116158
8509022	116209	12312306955	116075	12317541694	115976	12317790879	113970
8509198	115335	12314456281	115867	12317541696	115976	12317792072	113896
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8515796	115335	12317501592	111873	12317542529	115904	12317792092	112468
8519154	115335	12317501593	112193	12317542934	114189	12317794970	114844
8519890	115675	12317501595	112193	12317543083	115904	12317796125	114385
8570238	114689	12317501597	112193	12317546284	115976	12317797519	114720
8570382	114689	12317501599	112193	12317546285	115976	12317797521	113896
8570383	115335	12317501687	111873	12317550224	115658	12317797521	116158
8571905	115558	12317501690	112193	12317550319	115658	12317797522	113896
8574102	115335	12317501755	112193	12317550468	115931	12317797522	116158
8574103	115335	12317505896	115867	12317550469	116198	12317797660	113881
8577006	115335	12317505898	116165	12317550967	116012	12317797661	113881
8577009	115558	12317507741	115473	12317550968	116120	12317799180	114720
8581097	115335	12317507995	115473	12317550968	116121	12317799181	114720
8581099	115335	12317508052	112426	12317550997	115658	12317799204	113896
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8614519	116259	12317508258	112426	12317551253	112193	12317800308	115860
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762600002	115562	12317509097	112413	12317551256	116120	12317801173	114385
1241174037	111911	12317509100	112413	12317551256	116121	12317802261	114292
12310304582	115473	12317509112	112413	12317553009	114771	12317802471	114720
12311079452	114258	12317509113	112413	12317555926	116120	12317802619	114292
12311247288	111946	12317509342	114147	12317555926	116121	12317802927	114720
12311247310	111946	12317510593	112193	12317557789	115804	12317802928	115860
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12311432976	111873	12317511604	112413	12317558220	115804	12317802929	116158
12311432977	111873	12317512151	113871	12317559223	115658	12317803724	115960
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12311432980	112193	12317515029	114147	12317560986	116169	12317806779	114844
12311432981	112193	12317515030	114258	12317560988	116489	12317807187	116138
12311432982	111873	12317516098	116165	12317560989	116489	12317808074	115960
12311432983	111873	12317516101	113871	12317561002	116187	12317808075	116138

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
12317823291	115834	12412245328	111908	12417638194	115562	BOBCAT	
12317823292	115834	12412246388	111908	12417638195	115562	05741747	114167
12317823343	115675	12412246570	113446	12417638196	115562	6599152	110469
12317823344	115675	12412246571	113446	12417638197	115562	6630180	110590
12317830791	115307	12412246574	113446	12417645979	116371	6630182	110602
12317831436	115307	12412247063	113925	12417649090	115999	6632192	110540
12317834160	113896	12412247391	113446	12417649091	115999	6632211	110540
12317834160	116158	12412247492	113446	12417712231	116046	6632415	110942
12317836610	115976	12412249295	113925	12417754662	112071	6633058	112267
12317837691	115976	12412288166	113446	12417785691	113446	6649676	110602
12317837981	116488	12412306001	111335	12417785715	113446	6651210	110590
12317838656	116488	12412306140	116046	12417787354	114127	6651258	110590
12318507623	116209	12412306700	111335	12417787356	114127	6651664	110590
12318507624	115581	12412344232	114072	12417787356	116160	6653920	110720
12318507624	116348	12412344242	111911	12417787925	113446	6658835	110469
12318507625	115823	12412344243	114740	12417788680	114072	6658841	110469
12318509022	116209	12412344247	111911	12417788682	114072	6658884	110540
12318509023	116348	12412354693	111911	12417791335	114071	6660797	110602
12318509024	115823	12412354701	114740	12417794952	114091	6661611	110540
12318517262	114720	12412354706	114297	12417796892	114091	6665654	110961
12318570675	116388	12412354709	111911	12417798006	115335	6667587	112489
12318578608	115694	12412446570	113446	12417798006	116059	6667987	116071
12318578609	115694	12413923273	113845	12417798035	114091	6669618	114205
12318579420	115823	12414354823	111911	12417798036	114091	6669633	114738
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0001108180	113481	0001109019	114053	0001109320	114094	0001110002	111060
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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0001139006	115717	0001153014	115736	0001179607	115561	0001218005	111120
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0001153001	115610	0001179517	115944	0001211992	110363	0001218771	112533

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0001359102	110529	0001362058	115423	0001367008	112173	0001368300	110524

STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH <i>Continued</i>							
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0120339515	111180	0120400835	110112	0120469014	112345	0120469646	112453
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0120339516	111180	0120400837	111096	0120469019	110895	0120469654	112729
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH <i>Continued</i>							
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0123310033	111980	0123505016	111988	0123525508	113923	0124325024	112144
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0123310052	115837	0123510014	112806	0123545001	112557	0124325031	112144
0123310053	112680	0123510017	112557	0123545003	112557	0124325032	112274
0123310054	113447	0123510018	111850	0123545004	112194	0124325035	113888
0123315001	111352	0123510021	111850	0124120001	114466	0124325036	112399
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0123315013	111873	0123510026	111898	0124220008	113791	0124325040	113301
0123315016	112557	0123510027	111988	0124220012	116603	0124325044	114769
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0123315022	112413	0123510038	111883	0124225002	111990	0124325046	113889
0123315500	112406	0123510039	112530	0124225004	113879	0124325047	115764
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0123315503	112406	0123510051	112530	0124225018	111824	0124325053	113279
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0124325058	112190	0124415005	113879	0124515012	112002	0124525016	113273
0124325059	112190	0124415007	112144	0124515013	113754	0124525017	114257
0124325060	113536	0124415008	111426	0124515015	116170	0124525019	115907
0124325062	113871	0124415009	113352	0124515017	112078	0124525020	114765
0124325062	115867	0124415010	112720	0124515018	112078	0124525026	115976
0124325070	113887	0124415011	112190	0124515019	112072	0124525027	113275
0124325072	116165	0124415013	112144	0124515020	113754	0124525028	113945
0124325073	112079	0124415014	112144	0124515021	113754	0124525029	113272
0124325074	113887	0124415015	113942	0124515022	113275	0124525030	114656
0124325079	116332	0124415016	113298	0124515025	113882	0124525032	113640
0124325080	116332	0124415023	113265	0124515026	112397	0124525034	113755
0124325081	113874	0124415025	113352	0124515027	113283	0124525035	113640
0124325083	115370	0124415026	116468	0124515028	113751	0124525038	114884
0124325084	115416	0124415029	113298	0124515030	113283	0124525039	113992
0124325085	115416	0124415030	113298	0124515033	113352	0124525040	114656
0124325087	114781	0124415031	113298	0124515034	113283	0124525042	113871
0124325088	112079	0124415032	113298	0124515038	113754	0124525042	115867
0124325090	113874	0124415038	112144	0124515040	113751	0124525043	114122
0124325091	115621	0124415040	112144	0124515042	116170	0124525044	113837
0124325092	115370	0124415041	112144	0124515045	112535	0124525045	113871
0124325093	113889	0124415043	112144	0124515046	113300	0124525045	115867
0124325095	114769	0124415045	112144	0124515050	112193	0124525047	114353
0124325096	115621	0124415046	112144	0124515052	112193	0124525049	114122
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0124325099	113871	0124425004	113352	0124515054	112072	0124525054	115905
0124325099	115867	0124425005	114431	0124515055	113835	0124525055	115905
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0124325101	112079	0124425009	115619	0124515058	113751	0124525057	115678
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0124325135	115482	0124425037	114463	0124515095	113352	0124525082	114354
0124325137	111989	0124425039	115653	0124515098	113871	0124525083	115904
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0124325145	112190	0124425056	113352	0124515115	114210	0124525091	113992
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0124325150	112274	0124425059	114088	0124515119	112002	0124525098	113884
0124325157	115658	0124425060	115843	0124515120	114701	0124525101	115649
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0124325160	113874	0124425070	115382	0124515123	112002	0124525113	115367
0124325163	114668	0124425071	114463	0124515124	112002	0124525114	116380
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0124325169	114392	0124425087	116202	0124515126	116453	0124525119	115718
0124325170	114392	0124425093	114463	0124515127	112002	0124525125	115452
0124325171	114492	0124425096	114510	0124515130	113835	0124525126	114844
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0124325178	114019	0124425106	115653	0124515190	112194	0124525133	113837
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0124325184	112144	0124425108	114463	0124515198	113877	0124525137	114700
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0124325186	114131	0124425110	115382	0124515209	113754	0124525139	114721
0124325190	115707	0124425111	114463	0124515210	112072	0124525139	116323
0124325221	114202	0124425112	114829	0124515212	113300	0124525140	114354
0124325226	111369	0124425115	114463	0124515213	112197	0124525141	113837
0124325227	111890	0124505017	114212	0124515216	112197	0124525143	116199
0124325248	113913	0124510001	114701	0124525001	113272	0124525146	115730
0124325250	112043	0124515001	116170	0124525002	113607	0124525147	113949
0124325254	113536	0124515004	115619	0124525008	113510	0124525151	115649
0124325256	113889	0124515005	116334	0124525009	114722	0124525171	116171
0124325260	112079	0124515010	112002	0124525010	113252	0124525187	115433
0124325263	112144	0124515010	115483	0124525014	113272	0124525200	115767
0124415002	112416	0124515011	112002	0124525015	114468	0124525201	115765

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0124525206	112460	0124555555	114212	0124625211	114737	0124655308	116006
0124525208	114354	0124555557	114212	0124625212	113953	0124655325	114078
0124525220	115767	0124555559	114212	0124655001	113351	0124655325	115494
0124525221	115765	0124555581	114089	0124655002	113351	0124655326	114078
0124525222	115765	0124555582	114089	0124655003	115617	0124655326	115494
0124525223	115767	0124555583	116687	0124655003	115618	0124655329	116006
0124525226	115367	0124555584	116687	0124655004	113351	0124655330	116006
0124525252	115678	0124615002	112460	0124655005	114296	0124655331	114078
0124525253	115678	0124615006	113884	0124655005	115489	0124655331	115494
0124525520	113510	0124615007	113510	0124655006	116117	0124655332	114078
0124525521	114312	0124615009	116172	0124655006	116118	0124655332	115494
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0124525523	115976	0124615013	114663	0124655007	115498	0124655333	116674
0124525524	115904	0124615014	114836	0124655008	114212	0124655334	115824
0124525525	113992	0124615015	112425	0124655009	114016	0124655334	116674
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0124525527	114884	0124615018	114663	0124655011	113998	0124655405	116514
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0124525531	114780	0124615026	116173	0124655014	114314	0124655437	116692
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0124525534	114721	0124615030	114834	0124655020	114296	0124655505	114212
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0124525535	114122	0124615032	114663	0124655021	115494	0124655507	116433
0124525537	114700	0124615033	112425	0124655023	113351	0124655510	116457
0124525538	115649	0124615035	112425	0124655023	115557	0124655515	116006
0124525539	113992	0124615038	113884	0124655024	115824	0124655516	116006
0124525540	114354	0124615040	113884	0124655024	116674	0124655561	113351
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0124525544	115767	0124615044	114836	0124655026	114753	0125711001	116061
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0124555065	115497	0124625204	113951	0124655292	115805	0125711130	115901
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0124555121	116687	0124625209	115708	0124655294	116514	0125711133	115576
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0125711154	115901	0986041840	112046	9000692051	110864	9120450012	111086
0125711158	115434	0986041940	112097	9000692062	110858	9120450018	111086
0125711179	115434	0986043130	112196	9000692069	110149	9120690078	110318
0125711187	116201	0986043130	115987	9000694029	111748	9120690170	110497
0125711188	116201	0986046000	112529	9004475035	110520	9120690438	111094
0125811002	115412	0986046000	116129	9004475035	110615	9123320007	111477
0125811005	115412	0986046030	112062	9004475035	111737	9123320016	111478
0125811008	116195	0986047210	113949	9004475058	110565	9123369044	111369
0125811019	115412	0986049820	114528	9004475061	111346	9124476014	113474
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0125811021	115739	0986081030	112160	9004475310	110367	9124476602	111795
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0125811028	115712	9000042021	110363	9007042024	110363	9127041201	112149
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0125811115	116576	9000082050	110865	9009083072	114107	01210AA68B	114064
0125811116	116576	9000082059	110865	9009084018	110208	01220AA000	112428
0125811153	116384	9000083000	114107	9009084021	110212	01220AA090	115473
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0399180000	110814	9000141107	110365	9120080122	111096	986A000004	116063
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

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1986S00906	115329	6033G106CY	112144	BNG4/12CR215	110537	F000BL0782	116573
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F000BL07N9	116177	F00E100545	113302	825577	115319	860138	112343
F000BL07P9	115455	F00E100546	111369	825700	115755	860140	110889
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F00E100154	114211	695479	115592			LNA5524/1	111295

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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LNS4524/17	110523	CAL10123	112530	CAL10255	113947	CAL10349	116623
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MS1/411AZ	111000	CAL10131	114769	CAL10263	113754	CAL10358	116352
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MS1-101	111000	CAL10133	114663	CAL10265	112196	CAL10360	115604
MS1-103	111000	CAL10134	113913	CAL10265	115987	CAL10360	116353
MS1-124	111000	CAL10137	111899	CAL10266	111883	CAL10361	114681
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MS1-403A	111000	CAL10142	112197	CAL10272	112425	CAL10366	113889
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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CAL10435	114771	CAL10603	115871	CAL10669	115805	CAL11607	110176
CAL10436	115304	CAL10604	113923	CAL10669	116457	CAL11609	113549
CAL10437	113955	CAL10604	115879	CAL10672	112343	CAL11611	114348
CAL10439	114202	CAL10605	112076	CAL10673	115808	CAL11624	113549
CAL10440	115606	CAL10606	114089	CAL10673	116684	CAL11628	110173
CAL10442	114468	CAL10606	115495	CAL10674	116459	CAL11629	110577
CAL10443	114146	CAL10607	114528	CAL10676	113188	CAL11631	112261
CAL10444	114064	CAL10607	115496	CAL10677	113351	CAL11634	113186
CAL10445	115804	CAL10608	112561	CAL10677	115557	CAL11635	114347
CAL10446	115846	CAL10608	116654	CAL10678	113351	CAL11636	114348
CAL10448	111843	CAL10609	113289	CAL10679	116508	CAL11639	115386
CAL10449	115412	CAL10610	112159	CAL10679	116612	CAL11641	115481
CAL10450	116175	CAL10611	111886	CAL10680	113351	CAL11656	115387
CAL10451	115759	CAL10612	116063	CAL10681	112343	CAL12100	112229
CAL10452	116169	CAL10613	111842	CAL10682	110766	CAL12100	112416
CAL10454	116100	CAL10614	111987	CAL10690	116462	CAL12102	113772
CAL10455	111850	CAL10615	113448	CAL10691	116006	CAL12103	111514
CAL10457	114668	CAL10615	116585	CAL10692	114314	CAL12103	113879
CAL10458	113884	CAL10616	111834	CAL10692	116514	CAL12104	112165
CAL10460	112419	CAL10617	111528	CAL10693	113920	CAL12109	111712
CAL10461	115576	CAL10618	112345	CAL10696	116650	CAL12110	113771
CAL10462	116603	CAL10619	111746	CAL10697	116519	CAL12111	112853
CAL10463	114825	CAL10620	112803	CAL10702	116675	CAL12115	112720
CAL10464	116174	CAL10621	113351	CAL10704	110116	CAL12119	116168
CAL10467	112734	CAL10622	116117	CAL10705	112424	CAL14100	112151
CAL10470	116080	CAL10622	116118	CAL10708	111833	CAL14102	113709
CAL10477	115521	CAL10623	114753	CAL10709	112302	CAL14103	113708
CAL10480	114379	CAL10623	115498	CAL10710	112343	CAL14104	115543
CAL10483	115765	CAL10624	114212	CAL10711	111629	CAL14105	113912
CAL10488	115695	CAL10625	114016	CAL10716	111629	CAL14105	116362
CAL10494	115695	CAL10625	116478	CAL10717	113284	CAL14107	113709
CAL10495	113885	CAL10626	114212	CAL10718	115617	CAL14108	113913
CAL10496	115649	CAL10626	115488	CAL10719	113448	CAL14109	113710
CAL10497	116057	CAL10627	115617	CAL10719	116585	CAL14110	113710
CAL10501	111898	CAL10627	115618	CAL10722	113351	CAL14111	113710
CAL10502	114701	CAL10628	114296	CAL10723	113351	CAL14112	112939
CAL10503	112742	CAL10628	115489	CAL10724	113351	CAL14113	114120
CAL10504	115306	CAL10629	113351	CAL10725	113351	CAL14114	113912
CAL10505	112098	CAL10630	113284	CAL10726	113351	CAL14114	116362
CAL10510	115952	CAL10630	115491	CAL10727	113351	CAL14116	112947
CAL10511	115843	CAL10631	112302	CAL10728	114212	CAL14117	112958
CAL10514	113489	CAL10632	112189	CAL10729	114212	CAL14120	112961
CAL10515	115905	CAL10633	114212	CAL10730	116687	CAL15009	116022
CAL10518	110913	CAL10634	113295	CAL10731	114407	CAL15012	113835
CAL10521	112799	CAL10635	112747	CAL10741	111261	CAL15013	115903
CAL10525	116467	CAL10636	110112	CAL10763	114078	CAL15016	115767
CAL10527	116384	CAL10637	116650	CAL10763	115494	CAL15017	116225
CAL10528	115901	CAL10638	114028	CAL10A00	113716	CAL15019	116240
CAL10531	111820	CAL10638	115493	CAL10A13	115414	CAL15020	115478
CAL10535	116299	CAL10639	113470	CAL10A14	115906	CAL15029	110975
CAL10541	116035	CAL10640	113186	CAL10A25	116576	CAL15030	115475
CAL10541	116691	CAL10642	112170	CAL10A47	113707	CAL15032	116297
CAL10544	116232	CAL10643	112493	CAL10A47	116623	CAL15049	116595
CAL10546	116225	CAL10644	110766	CAL10A50	113877	CAL15050	116364
CAL10547	116573	CAL10644	116524	CAL10A50	116322	CAL15052	116677
CAL10549	116383	CAL10645	115617	CAL10A51	114721	CAL15055	116178
CAL10551	115532	CAL10645	115618	CAL10A51	116323	CAL15063	115695
CAL10552	116298	CAL10646	114036	CAL10A52	115730	CAL15075	114808
CAL10553	116235	CAL10646	116116	CAL10A62	111139	CAL15078	116382
CAL10553	116298	CAL10647	114007	CAL11103	110422	CAL15079	114859
CAL10557	116546	CAL10647	115486	CAL11104	112996	CAL15083	115459
CAL10559	116095	CAL10648	114008	CAL11105	110488	CAL15096	113529
CAL10560	116381	CAL10650	113895	CAL11106	110487	CAL15100	113720
CAL10561	115714	CAL10653	114314	CAL11107	111948	CAL15100	116064
CAL10564	116373	CAL10653	116514	CAL11108	110497	CAL15102	113940
CAL10568	116233	CAL10655	113998	CAL11109	111576	CAL15102	116048
CAL10570	110105	CAL10655	115492	CAL11111	111575	CAL15103	114673
CAL10572	115739	CAL10656	116098	CAL11112	116079	CAL15104	112458
CAL10573	115908	CAL10656	116433	CAL11113	112112	CAL15105	112471
CAL10578	112529	CAL10657	115824	CAL11114	110959	CAL15107	113640
CAL10578	116129	CAL10657	116674	CAL11118	113898	CAL15108	113919
CAL10579	111287	CAL10658	112038	CAL11119	111761	CAL15109	113405
CAL10587	115695	CAL10659	114078	CAL11120	110408	CAL15110	113575
CAL10592	112062	CAL10659	115494	CAL11122	110976	CAL15111	111076
CAL10598	114211	CAL10661	115481	CAL11123	113898	CAL15112	112756
CAL10600	110113	CAL10662	114296	CAL11124	116314	CAL15113	111321
CAL10601	113923	CAL10665	112302	CAL11127	111204	CAL15114	112769
CAL10601	115879	CAL10666	111833	CAL11128	112098	CAL15115	112756
CAL10602	113188	CAL10666	116063	CAL11600	111295	CAL15117	112681

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CASCO <i>Continued</i>							
CAL15118.....	113722	CAL15255.....	114722	CAL15347.....	113946	CAL15471.....	115475
CAL15118.....	115963	CAL15256.....	113510	CAL15348.....	114189	CAL15473.....	116490
CAL15121.....	111967	CAL15257.....	114680	CAL15349.....	114102	CAL15474.....	115369
CAL15124.....	113721	CAL15258.....	111873	CAL15349.....	116068	CAL15475.....	116188
CAL15124.....	116330	CAL15259.....	113992	CAL15351.....	115856	CAL15476.....	114697
CAL15126.....	115976	CAL15260.....	113720	CAL15352.....	115413	CAL15477.....	114883
CAL15127.....	112468	CAL15260.....	116064	CAL15353.....	115659	CAL15478.....	115959
CAL15128.....	113251	CAL15261.....	113722	CAL15357.....	113881	CAL15479.....	115834
CAL15129.....	111719	CAL15261.....	115963	CAL15358.....	113881	CAL15480.....	114724
CAL15130.....	112397	CAL15262.....	113940	CAL15360.....	114811	CAL15481.....	116172
CAL15133.....	113577	CAL15262.....	116048	CAL15360.....	116311	CAL15482.....	115459
CAL15134.....	113245	CAL15264.....	112183	CAL15363.....	114884	CAL15484.....	116488
CAL15135.....	115310	CAL15266.....	112462	CAL15365.....	115919	CAL15485.....	115906
CAL15136.....	112162	CAL15267.....	110889	CAL15366.....	115414	CAL15485.....	116147
CAL15138.....	110619	CAL15269.....	113896	CAL15368.....	114292	CAL15487.....	115923
CAL15140.....	114026	CAL15269.....	116158	CAL15369.....	114039	CAL15488.....	115857
CAL15142.....	112287	CAL15270.....	113252	CAL15371.....	113253	CAL15489.....	115384
CAL15144.....	112688	CAL15271.....	112648	CAL15372.....	114082	CAL15490.....	113382
CAL15145.....	112058	CAL15272.....	112557	CAL15372.....	116043	CAL15491.....	116146
CAL15146.....	112059	CAL15274.....	112413	CAL15373.....	114306	CAL15493.....	115810
CAL15147.....	111718	CAL15275.....	112458	CAL15376.....	112274	CAL15496.....	115984
CAL15149.....	112782	CAL15276.....	113751	CAL15377.....	113510	CAL15497.....	111988
CAL15151.....	111943	CAL15277.....	115307	CAL15379.....	115370	CAL15499.....	115583
CAL15152.....	112292	CAL15278.....	113871	CAL15381.....	114721	CAL15499.....	116183
CAL15153.....	112292	CAL15280.....	116165	CAL15381.....	116323	CAL15500.....	114847
CAL15154.....	112230	CAL15282.....	112075	CAL15382.....	114385	CAL15503.....	116392
CAL15155.....	111498	CAL15284.....	113883	CAL15383.....	115587	CAL15505.....	116180
CAL15156.....	113603	CAL15286.....	114130	CAL15384.....	115532	CAL15507.....	116181
CAL15157.....	111532	CAL15286.....	116069	CAL15384.....	116487	CAL15512.....	115924
CAL15158.....	113485	CAL15287.....	114128	CAL15386.....	111397	CAL15514.....	116147
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CAL15163.....	112299	CAL15291.....	114789	CAL15390.....	116186	CAL15520.....	116296
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CAL15165.....	112460	CAL15293.....	114877	CAL15392.....	111075	CAL15530.....	115675
CAL15168.....	112472	CAL15294.....	114408	CAL15395.....	115667	CAL15532.....	116182
CAL15170.....	111937	CAL15295.....	113407	CAL15396.....	116614	CAL15534.....	115903
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CAL15173.....	111841	CAL15298.....	114406	CAL15399.....	116147	CAL15536.....	116348
CAL15176.....	114831	CAL15302.....	112458	CAL15403.....	115582	CAL15537.....	115581
CAL15177.....	111082	CAL15303.....	113404	CAL15404.....	115438	CAL15537.....	116348
CAL15179.....	111075	CAL15304.....	114084	CAL15406.....	115631	CAL15539.....	115600
CAL15182.....	115549	CAL15305.....	113961	CAL15407.....	116185	CAL15540.....	115676
CAL15188.....	111319	CAL15306.....	113406	CAL15408.....	113862	CAL15543.....	116147
CAL15192.....	112679	CAL15311.....	111226	CAL15408.....	116325	CAL15545.....	115918
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CAL15199.....	111071	CAL15314.....	113992	CAL15414.....	115364	CAL15553.....	115767
CAL15204.....	112800	CAL15317.....	114699	CAL15415.....	114771	CAL15556.....	116184
CAL15206.....	112703	CAL15318.....	115531	CAL15416.....	113442	CAL15559.....	115364
CAL15208.....	113253	CAL15319.....	112144	CAL15417.....	116337	CAL15561.....	116189
CAL15210.....	112648	CAL15320.....	114451	CAL15418.....	114322	CAL15563.....	115668
CAL15211.....	111722	CAL15321.....	116368	CAL15418.....	116380	CAL15564.....	116304
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CAL15217.....	110743	CAL15323.....	112197	CAL15419.....	115482	CAL15569.....	116036
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CAL15222.....	112772	CAL15326.....	113896	CAL15427.....	115437	CAL15575.....	116355
CAL15223.....	111478	CAL15326.....	116158	CAL15431.....	115713	CAL15577.....	115528
CAL15226.....	111318	CAL15327.....	114524	CAL15431.....	116319	CAL15579.....	116142
CAL15231.....	113868	CAL15327.....	116295	CAL15436.....	116515	CAL15580.....	114727
CAL15232.....	112461	CAL15328.....	114189	CAL15437.....	115823	CAL15583.....	114109
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CAL15234.....	112199	CAL15330.....	114720	CAL15444.....	114879	CAL15594.....	116193
CAL15235.....	112199	CAL15331.....	114042	CAL15449.....	115707	CAL15596.....	116523
CAL15236.....	112057	CAL15331.....	116113	CAL15450.....	115653	CAL15597.....	115833
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CAL15241.....	112469	CAL15334.....	116489	CAL15453.....	116099	CAL15605.....	113477
CAL15243.....	111873	CAL15335.....	115419	CAL15454.....	115587	CAL15607.....	111631
CAL15245.....	111397	CAL15336.....	114882	CAL15456.....	115730	CAL15608.....	111631
CAL15246.....	113404	CAL15337.....	115411	CAL15457.....	115433	CAL15609.....	114077
CAL15248.....	113882	CAL15338.....	113946	CAL15458.....	115730	CAL15611.....	111331
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CAL15250.....	112002	CAL15340.....	114509	CAL15462.....	114724	CAL15613.....	112076
CAL15250.....	115483	CAL15341.....	113862	CAL15466.....	115988	CAL15614.....	111658
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CAL15253.....	112193	CAL15344.....	113253	CAL15469.....	115960	CAL20100.....	111186
CAL15254.....	113877	CAL15345.....	113302	CAL15470.....	114876	CAL20101.....	111515
CAL15254.....	116322	CAL15346.....	112193	CAL15470.....	116309	CAL20102.....	112271

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CAL20103.....	110700	CAL21103.....	116454	CAL21200.....	116133	CAL30152.....	111723
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CAL20106.....	113383	CAL21107.....	113469	CAL21211.....	111176	CAL30157.....	113599
CAL20107.....	111831	CAL21108.....	112389	CAL21212.....	111888	CAL30159.....	112021
CAL20108.....	113324	CAL21111.....	114289	CAL21216.....	115970	CAL30160.....	112021
CAL20109.....	111267	CAL21112.....	113768	CAL21220.....	111738	CAL30161.....	112143
CAL20110.....	110385	CAL21112.....	116550	CAL21222.....	112722	CAL30163.....	114204
CAL20111.....	110699	CAL21113.....	113529	CAL21224.....	110770	CAL30164.....	113904
CAL20112.....	110701	CAL21114.....	112046	CAL21238.....	111686	CAL30165.....	113955
CAL20114.....	111316	CAL21115.....	112773	CAL21239.....	111289	CAL30168.....	112719
CAL20115.....	112228	CAL21116.....	114513	CAL21240.....	110770	CAL30168.....	116331
CAL20116.....	113697	CAL21117.....	114772	CAL21600.....	114110	CAL30169.....	113987
CAL20120.....	111294	CAL21117.....	116456	CAL21601.....	112097	CAL30170.....	113996
CAL20121.....	112272	CAL21118.....	111078	CAL21603.....	113738	CAL30171.....	113718
CAL20124.....	110631	CAL21119.....	111687	CAL21603.....	116155	CAL30172.....	115615
CAL20125.....	111767	CAL21120.....	114669	CAL21604.....	115381	CAL30173.....	114009
CAL20128.....	111294	CAL21121.....	113610	CAL21606.....	114464	CAL30175.....	114806
CAL20129.....	110697	CAL21122.....	114000	CAL21606.....	116455	CAL30175.....	115874
CAL20131.....	113788	CAL21123.....	111820	CAL21607.....	116018	CAL30176.....	113718
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CAL20136.....	113956	CAL21126.....	113991	CAL21614.....	115851	CAL30180.....	114204
CAL20137.....	112351	CAL21127.....	114228	CAL21617.....	115899	CAL30181.....	114804
CAL20141.....	111381	CAL21128.....	114192	CAL21625.....	114471	CAL30182.....	111568
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CAL20147.....	110307	CAL21132.....	113471	CAL25101.....	110891	CAL30186.....	113336
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CAL20160.....	113698	CAL21137.....	114513	CAL25103.....	115890	CAL30194.....	113763
CAL20161.....	113793	CAL21139.....	110348	CAL25104.....	113683	CAL30195.....	115742
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CAL20163.....	112375	CAL21141.....	112238	CAL25106.....	111185	CAL30197.....	114023
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CAL20175.....	114802	CAL21151.....	114004	CAL25123.....	111185	CAL30201.....	113336
CAL20179.....	114209	CAL21152.....	115682	CAL25600.....	111569	CAL30202.....	112718
CAL20180.....	113956	CAL21153.....	115682	CAL30100.....	111411	CAL30203.....	114384
CAL20192.....	115432	CAL21155.....	114379	CAL30101.....	111568	CAL30204.....	114754
CAL20193.....	114458	CAL21156.....	113899	CAL30102.....	111416	CAL30206.....	114895
CAL20193.....	114802	CAL21157.....	114450	CAL30103.....	113943	CAL30207.....	113763
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CAL20208.....	114121	CAL21170.....	111686	CAL30109.....	110912	CAL30217.....	115578
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CAL20231.....	110458	CAL21174.....	116544	CAL30113.....	110882	CAL30220.....	115346
CAL20233.....	116105	CAL21175.....	112698	CAL30113.....	110890	CAL30221.....	114493
CAL20234.....	116614	CAL21176.....	114840	CAL30114.....	111418	CAL30222.....	113720
CAL20238.....	114672	CAL21178.....	110911	CAL30114.....	115873	CAL30222.....	116064
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CAL20244.....	116107	CAL21178.....	110975	CAL30116.....	110912	CAL30224.....	114249
CAL20268.....	114262	CAL21178.....	112098	CAL30117.....	113471	CAL30225.....	115647
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CAL20616.....	115630	CAL21193.....	115343	CAL30130.....	111035	CAL30234.....	114706
CAL2068.....	116531	CAL21194.....	114671	CAL30132.....	112384	CAL30235.....	115620
CAL21100.....	111180	CAL21195.....	114808	CAL30133.....	112202	CAL30236.....	115762
CAL21100.....	116133	CAL21196.....	116111	CAL30134.....	113537	CAL30237.....	115308
CAL21101.....	110641	CAL21197.....	110127	CAL30135.....	113536	CAL30238.....	116089
CAL21102.....	111662	CAL21198.....	115605	CAL30137.....	111148	CAL30239.....	116094
CAL21102.....	116131	CAL21199.....	110105	CAL30149.....	111413	CAL30240.....	110611
CAL21103.....	112556	CAL21200.....	111180	CAL30151.....	115476	CAL30244.....	111620

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CASCO <i>Continued</i>							
CAL30246	112718	CAL35107	113785	CAL35244	115548	CAL35630	114843
CAL30248	113529	CAL35108	112129	CAL35246	114865	CAL35635	116015
CAL30248	114896	CAL35109	111872	CAL35249	114839	CAL35636	114303
CAL30600	112097	CAL35110	112205	CAL35250	115371	CAL35638	115799
CAL30601	112097	CAL35111	113952	CAL35251	115760	CAL35640	115800
CAL30603	111987	CAL35112	112270	CAL35252	113782	CAL35646	115577
CAL30604	114302	CAL35113	111240	CAL35254	114245	CAL35647	114880
CAL30605	114714	CAL35117	111339	CAL35256	113971	CAL35648	115832
CAL30606	112097	CAL35124	112328	CAL35258	114752	CAL35659	115454
CAL30607	112097	CAL35127	111747	CAL35259	114670	CAL35662	113506
CAL30608	112097	CAL35128	111238	CAL35263	115795	CAL35666	115871
CAL30609	112097	CAL35129	111956	CAL35265	115925	CAL40100	110620
CAL32100	113518	CAL35130	111626	CAL35266	114432	CAL40101	111483
CAL32102	111309	CAL35131	112359	CAL35271	115453	CAL40102	111705
CAL32103	111405	CAL35132	112327	CAL35277	114247	CAL40104	111048
CAL32104	110802	CAL35133	113562	CAL35278	114247	CAL40105	111578
CAL32105	110804	CAL35133	116575	CAL35280	114207	CAL40106	110967
CAL32106	113652	CAL35135	110805	CAL35281	116110	CAL40107	111437
CAL32107	112327	CAL35139	110659	CAL35285	116009	CAL40108	111468
CAL32108	112333	CAL35140	110128	CAL35288	113971	CAL40108	111517
CAL32110	113657	CAL35142	110136	CAL35289	116646	CAL40109	110138
CAL32111	113328	CAL35143	111384	CAL35289AS	116646	CAL40111	110564
CAL32113	113519	CAL35144	112067	CAL35295	116030	CAL40113	111609
CAL32114	113331	CAL35148	111342	CAL35297	114826	CAL40115	110682
CAL32115	113792	CAL35149	112349	CAL35297	116324	CAL40119	111610
CAL32116	110540	CAL35155	116020	CAL35298	114229	CAL40121	114300
CAL32117	111406	CAL35157	112332	CAL35303	115655	CAL40122	113742
CAL32118	113519	CAL35159	112352	CAL35306	116292	CAL40123	114218
CAL32121	113330	CAL35160	110802	CAL35309	115703	CAL40125	113856
CAL32122	113791	CAL35162	114129	CAL35310	116011	CAL40127	114227
CAL32125	116538	CAL35163	115550	CAL35311	113503	CAL40128	114411
CAL32126	113863	CAL35165	111832	CAL35314	115857	CAL40130	111605
CAL32129	114857	CAL35166	112355	CAL35317	115316	CAL40132	111963
CAL32130	114495	CAL35168	112328	CAL35318	115811	CAL40133	111042
CAL32131	114467	CAL35170	114112	CAL35319	113310	CAL40135	114828
CAL32132	114827	CAL35171	114187	CAL35320	116031	CAL40135	116499
CAL32135	114287	CAL35172	115317	CAL35331	113782	CAL40136	114828
CAL32135	116358	CAL35174	114489	CAL35332	115975	CAL40136	116499
CAL32136	116027	CAL35175	114841	CAL35343	115441	CAL40137	110496
CAL32137	112334	CAL35176	110318	CAL35344	116153	CAL40138	110629
CAL32139	115409	CAL35178	115368	CAL35346	116032	CAL40140	111518
CAL32140	111710	CAL35179	113348	CAL35350	116109	CAL40141	114188
CAL32141	113792	CAL35181	111626	CAL35356	116575	CAL40142	113715
CAL32144	113343	CAL35182	114214	CAL35357	115705	CAL40143	115791
CAL32146	115855	CAL35183	115453	CAL35360	116680	CAL40144	114041
CAL32147	113330	CAL35185	114807	CAL35362	115519	CAL40146	114386
CAL32148	114827	CAL35186	112069	CAL35366	112480	CAL40147	116366
CAL32149	115654	CAL35188	114859	CAL35371	116574	CAL40149	110679
CAL32151	115815	CAL35190	112492	CAL35372	116293	CAL40151	114043
CAL32152	115632	CAL35191	111317	CAL35389	116033	CAL40154	113970
CAL32153	116450	CAL35192	114803	CAL35397	115975	CAL40157	114405
CAL32154	115980	CAL35193	110133	CAL35402	116395	CAL40158	114206
CAL32155	115747	CAL35194	113971	CAL35406	114116	CAL40159	114679
CAL32156	116215	CAL35196	113324	CAL35414	116224	CAL40161	114147
CAL32157	114219	CAL35198	114079	CAL35421	116409	CAL40162	114158
CAL32160	116226	CAL35199	113954	CAL35600	112427	CAL40163	114006
CAL32162	115827	CAL35201	114533	CAL35600	115871	CAL40164	113922
CAL32164	116502	CAL35202	114842	CAL35601	113923	CAL40165	114243
CAL32169	115587	CAL35203	111495	CAL35602	110448	CAL40166	114011
CAL32170	111710	CAL35206	115441	CAL35603	111344	CAL40167	113296
CAL32173	116226	CAL35207	115474	CAL35605	113497	CAL40168	113989
CAL32174	116226	CAL35208	113634	CAL35608	114457	CAL40171	114010
CAL32175	115603	CAL35209	114111	CAL35609	114456	CAL40172	114377
CAL32176	115603	CAL35214	111806	CAL35611	115995	CAL40173	111598
CAL32178	115715	CAL35216	115786	CAL35612	115602	CAL40174	114231
CAL32181	115473	CAL35217	114358	CAL35613	115800	CAL40175	114012
CAL32181	116721	CAL35218	113405	CAL35614	114508	CAL40176	114065
CAL32182	116402	CAL35219	113246	CAL35615	116042	CAL40177	112721
CAL32188	112537	CAL35221	115651	CAL35616	114861	CAL40177	116313
CAL32192	116196	CAL35222	115477	CAL35617	116119	CAL40178	114024
CAL32197	116403	CAL35223	114244	CAL35618	114407	CAL40181	115724
CAL32201	116399	CAL35230	115797	CAL35619	114880	CAL40182	115929
CAL32602	113506	CAL35233	114811	CAL35620	114303	CAL40185	115935
CAL35100	111797	CAL35233	116311	CAL35621	114846	CAL40186	111538
CAL35101	111594	CAL35234	115661	CAL35622	116164	CAL40190	110679
CAL35101	112128	CAL35236	112559	CAL35623	113886	CAL40195	113849
CAL35102	112457	CAL35237	114759	CAL35624	115315	CAL40195	116294
CAL35103	110806	CAL35238	114881	CAL35626	115585	CAL40196	115865
CAL35104	113403	CAL35240	115926	CAL35627	115586	CAL40197	111017
CAL35105	115438	CAL35241	112457	CAL35628	114809	CAL40201	114201
CAL35106	111279	CAL35242	112352	CAL35629	114382	CAL40202	111018

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CAL40203	111018	CAL40331	114010	CAL40618	111261	CAL50612	116481
CAL40204	114272	CAL40332	115601	CAL40619	115385	CAL50617	116481
CAL40206	113972	CAL40335	110258	CAL40620	114813	CAL50620	113212
CAL40207	112063	CAL40336	113978	CAL40621	115794	CAL50622	112160
CAL40208	111215	CAL40337	115657	CAL40625	116029	CAL50627	115780
CAL40209	115416	CAL40339	110179	CAL40A10	114191	CAL50627	115994
CAL40211	113358	CAL40340	116437	CAL40A12	110620	CAL51100	111216
CAL40212	113235	CAL40343	115931	CAL41100	113903	CAL51101	113716
CAL40213	113235	CAL40348	115934	CAL41101	112334	CAL51102	113716
CAL40214	111830	CAL40349	115836	CAL41105	113656	CAL56100	115463
CAL40216	114250	CAL40354	114186	CAL41106	116096	CAL56101	116548
CAL40217	112356	CAL40355	116509	CAL41111	114766	CAL56102	114516
CAL40218	115415	CAL40357	110137	CAL41112	112506	CAL60100	110986
CAL40220	114491	CAL40361	115701	CAL41115	114766	CAL60102	111232
CAL40224	115788	CAL40364	114231	CAL41119	115737	CAL60103	110505
CAL40225	113969	CAL40368	115546	CAL42100	112578	CAL60105	113685
CAL40226	115527	CAL40368	116357	CAL42101	116633	CAL60105	114812
CAL40228	115704	CAL40369	113763	CAL42102	114404	CAL60106	113694
CAL40229	114248	CAL40370	115456	CAL42104	116633	CAL60109	111713
CAL40232	115750	CAL40371	115933	CAL42105	115380	CAL60112	110724
CAL40234	114518	CAL40372	115457	CAL42106	114726	CAL60113	114512
CAL40236	115748	CAL40372	116125	CAL42107	114235	CAL60114	114665
CAL40237	115789	CAL40373	114190	CAL42108	114779	CAL60115	114665
CAL40239	114208	CAL40374	116141	CAL42109	114728	CAL60118	110499
CAL40246	114258	CAL40375	115803	CAL42110	115526	CAL60119	110508
CAL40247	115790	CAL40376	116469	CAL42113	115353	CAL60121	116150
CAL40248	110620	CAL40377	116504	CAL42115	115353	CAL60123	116010
CAL40249	116492	CAL40378	115831	CAL42116	115410	CAL60125	114536
CAL40250	114085	CAL40379	114256	CAL42118	115761	CAL60126	111232
CAL40252	116444	CAL40389	116007	CAL44100	115660	CAL60128	114536
CAL40254	114704	CAL40399	116597	CAL44101	112358	CAL60129	115520
CAL40255	116056	CAL40402	116649	CAL44101	114770	CAL60131	110075
CAL40257	114390	CAL40408	114205	CAL44103	114288	CAL60132	112056
CAL40258	115305	CAL40412	110374	CAL44104	114203	CAL60600	110801
CAL40259	114410	CAL40415	115749	CAL44107	113306	CAL60602	112261
CAL40260	113235	CAL40416	115679	CAL44108	112101	CAL60603	112265
CAL40262	115462	CAL40422	115669	CAL44109	114361	CAL60604	111261
CAL40263	114097	CAL40425	115693	CAL44110	112363	CAL60605	111261
CAL40265	115864	CAL40427	116442	CAL45100	110168	CAL60606	112160
CAL40266	110138	CAL40430	116148	CAL45104	111280	CAL60607	112160
CAL40267	112063	CAL40434	116581	CAL45105	111361	CAL60608	112160
CAL40268	112669	CAL40435	114390	CAL45106	112329	CAL60609	112160
CAL40269	114083	CAL40436	114694	CAL45110	113786	CAL60612	112160
CAL40271	115787	CAL40437	116152	CAL45111	111980	CAL60613	112160
CAL40272	113063	CAL40441	114403	CAL45116	112394	CAL60614	110300
CAL40273	114157	CAL40443	115720	CAL45117	113888	CAL60615	116317
CAL40274	114810	CAL40444	115868	CAL45118	115837	CAL60618	114864
CAL40275	113607	CAL40472	116437	CAL46100	111846	CAL60621	116291
CAL40276	113990	CAL40473	116767	CAL46101	114114	CAL60624	110544
CAL40277	114099	CAL40484	116301	CAL46103	113350	CAL60625	110952
CAL40279	115863	CAL40488	113942	CAL46105	113349	CAL60628	112160
CAL40287	114005	CAL40493	114881	CAL46106	114350	CDS10100	111225
CAL40288	110628	CAL40503	114511	CAL46107	114412	CDS22100	110060
CAL40290	116765	CAL40510	116599	CAL46108	111846	CDS22102	110061
CAL40291	114490	CAL40511	116662	CAL46109	113349	CDS32100	113148
CAL40292	115863	CAL40512	116669	CAL46112	116302	CDS32101	113144
CAL40293	113969	CAL40520	116590	CAL46113	114114	CST10001	113962
CAL40295	115929	CAL40535	116659	CAL46114	115366	CST10002	110525
CAL40296	115700	CAL40545	115983	CAL46601	115690	CST10005	115339
CAL40297	116332	CAL40548	114263	CAL47100	111279	CST10006	115607
CAL40298	114897	CAL40550	111048	CAL47101	111950	CST10007	116084
CAL40300	114410	CAL40551	111215	CAL47102	113322	CST10008	116026
CAL40301	115666	CAL40553	114770	CAL47105	111779	CST10010	111911
CAL40302	114694	CAL40558	116639	CAL47106	114215	CST10012	110865
CAL40303	114490	CAL40558AS	116639	CAL48100	110622	CST10020	116446
CAL40306	114090	CAL40564	115866	CAL48101	112387	CST10100	111065
CAL40307	116318	CAL40565	113975	CAL48102	112273	CST10101	113387
CAL40308	114704	CAL40567	113921	CAL48103	112075	CST10102	111996
CAL40309	115930	CAL40573	110445	CAL48106	113340	CST10103	111909
CAL40311	114897	CAL40574	115319	CAL48107	111353	CST10103	115504
CAL40312	113803	CAL40575	112721	CAL48108	113531	CST10104	112005
CAL40313	115683	CAL40584	115683	CAL48109	113543	CST10105	112053
CAL40314	113921	CAL40587	115320	CAL48110	113632	CST10106	112321
CAL40315	113246	CAL40588	114188	CAL48112	111843	CST10107	111748
CAL40316	114246	CAL40596	111678	CAL48114	112556	CST10108	111749
CAL40321	116637	CAL40601	111596	CAL49100	110350	CST10109	111489
CAL40321AS	116637	CAL40607	111484	CAL50600	110562	CST10112	114758
CAL40324	116090	CAL40608	111613	CAL50605	115445	CST10113	112006
CAL40328	116637	CAL40609	110563	CAL50606	111051	CST10114	112439
CAL40329	114290	CAL40611	114113	CAL50609	115445	CST10115	112286
CAL40330	114115	CAL40614	116055	CAL50611	115445	CST10116	113674

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CASCO <i>Continued</i>							
CST10117	110585	CST10202	112431	CST10291	114265	CST10400	110590
CST10118	111911	CST10203	113276	CST10293	111851	CST10403	114091
CST10120	111123	CST10204	115540	CST10294	113430	CST10404	114162
CST10121	111059	CST10205	111127	CST10295	113773	CST10405	114740
CST10122	111685	CST10208	111865	CST10296	112430	CST10406	115312
CST10123	110536	CST10209	111995	CST10298	111793	CST10407	115398
CST10123	116139	CST10210	113446	CST10299	112434	CST10408	114692
CST10124	114477	CST10211	112167	CST10300	114094	CST10409	114849
CST10125	111900	CST10212	111694	CST10301	112440	CST10410	115335
CST10126	111029	CST10214	111908	CST10302	112537	CST10410	116059
CST10127	112309	CST10215	110839	CST10303	115408	CST10411	112553
CST10128	111851	CST10216	111123	CST10304	114021	CST10412	115333
CST10129	110336	CST10219	111131	CST10306	110519	CST10413	111168
CST10130	111120	CST10221	112443	CST10308	114233	CST10414	115938
CST10131	112440	CST10223	112537	CST10309	113959	CST10416	113292
CST10132	110862	CST10224	113134	CST10309	115510	CST10417	114297
CST10133	111059	CST10225	112454	CST10311	114126	CST10421	114775
CST10134	111400	CST10226	113181	CST10314	112040	CST10421	115502
CST10136	112172	CST10227	114395	CST10314	116333	CST10422	113430
CST10137	111060	CST10228	112442	CST10315	113282	CST10423	115939
CST10138	113515	CST10229	113478	CST10316	110831	CST10424	113960
CST10139	112435	CST10230	112071	CST10318	114176	CST10425	116045
CST10140	113846	CST10231	111004	CST10319	114092	CST10426	111010
CST10141	111347	CST10232	115567	CST10320	114174	CST10427	115336
CST10142	111855	CST10233	111752	CST10322	114181	CST10428	115515
CST10142	116128	CST10234	115472	CST10323	114316	CST10429	115940
CST10143	115816	CST10235	111332	CST10324	113745	CST10430	115635
CST10144	110867	CST10236	111001	CST10325	116571	CST10431	114689
CST10145	110847	CST10237	110522	CST10327	113677	CST10433	115825
CST10146	111069	CST10238	110525	CST10328	114062	CST10434	115559
CST10147	111490	CST10239	111755	CST10331	111422	CST10434	116054
CST10148	113752	CST10240	111332	CST10332	113962	CST10435	114299
CST10149	111619	CST10240	116496	CST10334	116327	CST10436	115948
CST10150	110813	CST10241	111069	CST10336	114160	CST10438	115394
CST10151	110530	CST10244	110537	CST10337	112660	CST10439	114886
CST10152	113451	CST10245	114106	CST10339	111885	CST10440	114054
CST10153	113182	CST10247	113513	CST10340	113968	CST10440	115516
CST10154	110530	CST10248	113276	CST10345	115423	CST10442	114869
CST10155	112267	CST10249	114179	CST10348	116039	CST10443	111855
CST10156	115428	CST10250	113271	CST10350	111041	CST10443	116128
CST10157	111904	CST10251	113843	CST10352	114096	CST10444	115311
CST10158	112818	CST10252	111724	CST10353	110522	CST10445	114173
CST10160	111900	CST10253	113303	CST10354	112236	CST10447	115399
CST10160	115503	CST10254	114175	CST10355	113269	CST10448	115400
CST10161	113389	CST10255	113841	CST10356	110551	CST10449	110536
CST10162	112436	CST10256	113509	CST10357	112052	CST10449	116139
CST10164	112441	CST10257	115979	CST10358	114321	CST10449	116312
CST10165	112438	CST10258	114052	CST10359	113181	CST10450	115717
CST10166	112039	CST10259	113761	CST10360	113478	CST10454	115997
CST10166	116685	CST10260	114814	CST10361	112071	CST10455	114833
CST10167	113286	CST10261	112249	CST10361	112555	CST10456	113303
CST10168	114053	CST10263	110552	CST10362	114050	CST10457	114178
CST10169	114055	CST10264	114274	CST10363	110814	CST10459	115717
CST10170	113177	CST10267	110519	CST10364	114093	CST10460	115636
CST10170	115329	CST10268	114002	CST10364	115512	CST10461	114850
CST10171	111015	CST10269	113706	CST10365	114295	CST10464	115337
CST10172	116013	CST10270	114743	CST10367	111001	CST10465	115402
CST10173	113482	CST10271	112041	CST10367	116461	CST10466	114776
CST10174	112034	CST10272	114460	CST10368	115375	CST10469	110842
CST10175	110538	CST10273	112220	CST10369	114402	CST10474	113843
CST10176	113963	CST10274	111823	CST10371	110539	CST10477	115818
CST10177	115697	CST10275	113678	CST10372	110814	CST10479	116568
CST10179	112497	CST10275	115507	CST10373	110813	CST10481	113900
CST10179	116624	CST10276	110537	CST10375	110529	CST10482	115698
CST10180	113480	CST10277	113935	CST10376	115324	CST10484	115770
CST10181	113268	CST10277	115501	CST10379	113281	CST10485	112304
CST10182	113307	CST10278	113842	CST10380	114304	CST10491	115986
CST10185	110368	CST10278	115508	CST10381	114195	CST10494	115344
CST10186	111115	CST10279	112429	CST10382	115420	CST10495	115996
CST10187	110844	CST10280	114054	CST10383	114068	CST10503	114742
CST10188	110363	CST10280	115516	CST10384	114177	CST10504	114126
CST10189	114741	CST10281	112221	CST10385	114395	CST10505	115735
CST10190	110519	CST10282	113845	CST10387	110772	CST10506	115961
CST10191	111752	CST10283	114723	CST10388	112496	CST10508	115638
CST10192	112135	CST10284	115535	CST10389	115942	CST10509	114837
CST10193	111217	CST10285	112074	CST10390	114317	CST10510	114887
CST10194	114051	CST10286	112444	CST10392	113705	CST10511	112441
CST10195	113346	CST10286	116340	CST10394	112267	CST10511	115505
CST10198	111750	CST10287	113931	CST10395	114676	CST10512	115395
CST10200	111848	CST10288	112534	CST10396	113467	CST10513	115646
CST10201	112445	CST10289	111851	CST10397	111304	CST10514	115696

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CST10517	115444	CST10653	110484	CST10781	114069	CST15100	110584
CST10518	113182	CST10654	115756	CST10783	115464	CST15101	111130
CST10522	115733	CST10655	114523	CST10783	116044	CST15102	111251
CST10525	115771	CST10656	114033	CST10785	112055	CST15103	113481
CST10526	116024	CST10657	112494	CST10786	111910	CST15104	111070
CST10527	114275	CST10658	112446	CST10791	115840	CST15105	111123
CST10529	115732	CST10658	116135	CST10796	110524	CST15106	110584
CST10533	115588	CST10659	113759	CST10803	114327	CST15107	111347
CST10534	116584	CST10660	113466	CST10804	114193	CST15108	113254
CST10535	116065	CST10661	113183	CST10804	115877	CST15109	112295
CST10536	116553	CST10661	116347	CST10811	116378	CST15110	112218
CST10538	114002	CST10662	113277	CST10814	110206	CST15112	111641
CST10539	115558	CST10663	112055	CST10814	110210	CST15113	111851
CST10541	113847	CST10664	112498	CST10816	113608	CST15115	115442
CST10543	115560	CST10665	113484	CST10816	113609	CST15117	114854
CST10549	114315	CST10667	110527	CST10816	113851	CST15118	116505
CST10550	116002	CST10668	112670	CST10818	113464	CST15119	113897
CST10551	115335	CST10669	116041	CST10822	114310	CST15120	112475
CST10551	116059	CST10671	112037	CST10822	115888	CST15121	115574
CST10552	115962	CST10674	112581	CST10839	110601	CST15123	115745
CST10554	115900	CST10675	113608	CST10A00	115945	CST15124	115376
CST10555	112014	CST10676	113851	CST10A01	115943	CST15125	111422
CST10557	115736	CST10676	115885	CST10A03	116510	CST15126	115559
CST10560	110530	CST10677	114196	CST10A05	115594	CST15126	116054
CST10561	111001	CST10679	112494	CST10A08	115624	CST15127	110365
CST10562	110443	CST10680	114196	CST10A17	115589	CST15128	113843
CST10563	115624	CST10681	113760	CST10A19	115560	CST15129	112435
CST10563	116367	CST10682	113891	CST11100	110449	CST15130	115829
CST10566	116082	CST10683	114031	CST11105	110450	CST15131	115539
CST10568	115561	CST10684	114220	CST11107	110590	CST15131	116156
CST10572	111906	CST10684	116132	CST11108	110240	CST15134	115611
CST10575	116259	CST10685	114266	CST11111	110648	CST15135	115612
CST10578	114034	CST10690	112581	CST11112	114519	CST15136	113932
CST10581	114746	CST10692	115623	CST11117	112145	CST15137	112474
CST10582	115539	CST10695	112651	CST11121	110647	CST15138	113719
CST10583	116083	CST10695	116690	CST11122	113592	CST15138	115869
CST10584	115999	CST10696	116040	CST11600	110566	CST15139	111931
CST10586	114742	CST10697	113184	CST11601	110566	CST15140	110587
CST10587	116282	CST10698	111219	CST11602	112091	CST15141	111100
CST10592	112041	CST10700	113979	CST11603	111097	CST15142	110365
CST10594	116282	CST10701	114398	CST11606	113453	CST15144	111442
CST10600	110213	CST10702	113466	CST11608	112372	CST15145	111994
CST10601	110206	CST10703	113468	CST11613	113851	CST15147	111115
CST10602	110210	CST10704	110533	CST11613	115885	CST15148	111063
CST10603	110212	CST10705	111637	CST11623	112090	CST15149	111063
CST10604	111771	CST10707	113466	CST11635	111097	CST15151	110367
CST10605	111910	CST10711	112055	CST11636	111982	CST15152	110367
CST10606	112224	CST10713	114170	CST11638	113695	CST15153	110856
CST10607	114313	CST10714	113934	CST11644	115347	CST15154	112541
CST10608	114073	CST10715	111003	CST14100	112251	CST15155	111047
CST10611	110523	CST10716	111638	CST14101	112821	CST15162	113962
CST10612	110524	CST10717	116376	CST14101	115870	CST15164	112217
CST10614	112132	CST10718	114523	CST14103	113905	CST15165	114030
CST10617	113980	CST10719	114376	CST14103	116159	CST15167	114127
CST10618	111640	CST10720	113980	CST14104	112290	CST15167	116160
CST10619	111399	CST10721	112174	CST14105	113794	CST15168	114460
CST10620	110512	CST10722	114001	CST14106	111680	CST15169	112475
CST10621	110207	CST10723	114527	CST14106	113701	CST15171	113929
CST10622	110582	CST10724	113859	CST14107	113910	CST15173	114161
CST10623	112507	CST10725	114473	CST14108	113906	CST15174	113974
CST10624	110601	CST10728	110206	CST14109	113908	CST15175	111334
CST10626	110534	CST10730	110532	CST14109	116062	CST15176	111335
CST10627	114744	CST10734	110518	CST14112	113911	CST15177	112474
CST10628	110535	CST10735	110520	CST14112	116157	CST15178	111398
CST10630	110932	CST10736	110517	CST14113	111131	CST15179	114035
CST10631	114446	CST10737	114307	CST14114	111131	CST15180	111404
CST10632	110512	CST10737	116473	CST14115	111906	CST15181	111168
CST10633	110212	CST10742	114319	CST14116	112235	CST15182	114176
CST10634	110582	CST10743	115590	CST14117	111374	CST15183	113841
CST10635	111219	CST10750	110517	CST14119	115641	CST15184	115744
CST10636	110980	CST10754	113850	CST14121	115405	CST15185	113842
CST10637	110981	CST10761	112498	CST14122	113906	CST15185	115508
CST10638	110206	CST10764	110523	CST14124	114092	CST15186	114074
CST10639	110532	CST10766	114815	CST14125	113910	CST15188	115403
CST10643	110531	CST10769	110210	CST14128	113959	CST15190	115420
CST10644	110205	CST10770	110208	CST14130	116051	CST15193	110866
CST10645	112119	CST10771	110208	CST14130	116483	CST15194	111123
CST10646	110214	CST10773	112498	CST14131	116049	CST15198	113963
CST10648	111231	CST10776	111218	CST14138	113703	CST15199	114163
CST10650	112116	CST10777	114397	CST14139	112608	CST15204	111931
CST10651	112116	CST10779	112120	CST14142	111844	CST15205	112214

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CASCO <i>Continued</i>							
CST15206	113478	CST20122	110807	CST21102	112249	CST21215	114852
CST15207	113926	CST20124	111303	CST21103	114265	CST21219	110942
CST15208	111694	CST20125	111312	CST21104	110565	CST21220	113182
CST15209	112286	CST20127	111459	CST21106	114387	CST21221	112267
CST15210	111900	CST20129	110575	CST21106	116307	CST21600	115537
CST15211	113387	CST20130	112365	CST21107	114387	CST21604	113468
CST15212	113773	CST20131	111054	CST21107	116307	CST21605	114220
CST15213	114719	CST20132	110719	CST21108	114388	CST21605	116132
CST15214	112429	CST20133	111559	CST21108	116308	CST21606	114398
CST15215	113933	CST20134	116112	CST21109	114447	CST21609	114307
CST15217	111508	CST20135	114098	CST21110	112488	CST21609	116473
CST15218	115947	CST20136	110417	CST21111	110565	CST21616	115325
CST15219	112053	CST20137	112674	CST21113	113532	CST21617	115776
CST15220	113134	CST20138	111706	CST21113	116535	CST21622	115355
CST15221	114029	CST20139	112373	CST21114	110439	CST21638	110517
CST15224	114878	CST20140	110155	CST21117	113570	CST25100	110439
CST15226	115554	CST20141	110386	CST21118	113982	CST25101	111737
CST15227	114171	CST20143	111683	CST21118	116458	CST25102	110462
CST15227	116338	CST20144	112676	CST21121	114117	CST25102	116137
CST15228	114878	CST20145	110142	CST21123	110439	CST25103	110565
CST15229	111909	CST20148	116112	CST21128	114276	CST25104	110438
CST15234	113905	CST20149	111382	CST21129	113177	CST25105	110443
CST15234	116159	CST20150	112382	CST21129	115329	CST25107	110461
CST15235	111996	CST20151	113962	CST21130	112034	CST25108	110442
CST15238	114460	CST20152	113962	CST21131	113181	CST25109	110545
CST15239	112218	CST20154	112371	CST21133	114264	CST25110	111573
CST15240	112295	CST20155	116144	CST21134	112034	CST25112	112277
CST15244	113841	CST20156	114032	CST21135	115722	CST25113	110440
CST15246	115685	CST20157	113408	CST21136	113459	CST25114	110818
CST15247	115948	CST20158	111559	CST21137	115397	CST25115	112136
CST15248	114299	CST20159	115686	CST21138	110565	CST25116	110464
CST15249	114034	CST20161	115981	CST21139	113181	CST25117	110441
CST15250	115336	CST20164	111766	CST21141	111224	CST25118	110819
CST15251	113926	CST20168	115523	CST21142	111755	CST25119	113380
CST15253	110354	CST20170	111098	CST21143	113901	CST25120	110464
CST15254	115354	CST20171	112296	CST21144	114107	CST25121	110465
CST15255	115634	CST20178	110575	CST21145	114021	CST25122	114650
CST15257	115839	CST20179	114526	CST21147	114447	CST25123	110442
CST15258	115402	CST20180	110573	CST21148	110565	CST25128	115572
CST15260	115841	CST20181	114197	CST21149	116136	CST25129	114821
CST15261	114175	CST20183	114764	CST21150	115357	CST25131	111574
CST15263	115949	CST20185	114197	CST21151	112071	CST25132	111346
CST15264	116046	CST20186	112083	CST21152	112039	CST25133	114730
CST15265	115426	CST20186	116525	CST21154	113429	CST25134	110615
CST15266	115769	CST20190	114482	CST21155	114852	CST25137	110818
CST15272	116316	CST20194	114763	CST21156	116077	CST25139	110818
CST15274	115732	CST20195	114213	CST21157	113381	CST25145	111102
CST15275	115555	CST20195	114253	CST21159	115721	CST25146	111103
CST15276	115610	CST20202	112008	CST21161	112496	CST30100	110814
CST15278	115629	CST20209	115992	CST21164	110813	CST30101	110529
CST15281	116088	CST20216	110156	CST21166	110530	CST30102	110813
CST15282	116287	CST20218	115341	CST21167	110536	CST30103	110814
CST15283	116421	CST20219	113962	CST21167	116139	CST30107	111422
CST15284	113307	CST20221	115361	CST21168	111755	CST30108	111420
CST15285	110569	CST20222	114232	CST21169	112074	CST30109	112026
CST15290	116266	CST20223	114739	CST21170	112135	CST30110	111025
CST15291	111015	CST20225	113976	CST21171	112660	CST30111	113931
CST15295	116265	CST20226	114874	CST21173	112249	CST30113	111585
CST15296	116281	CST20228	111683	CST21175	110439	CST30114	113446
CST15298	116682	CST20232	114281	CST21176	110525	CST30115	115951
CST15299	116279	CST20233	110412	CST21177	111398	CST30116	112124
CST15301	116280	CST20241	114482	CST21178	112676	CST30117	116327
CST15305	116648	CST20249	114261	CST21180	112173	CST30119	111025
CST15306	116516	CST20254	111452	CST21182	116596	CST30120	112382
CST15603	111231	CST20261	114032	CST21184	110128	CST30122	111685
CST15604	114100	CST20264	114747	CST21185	115472	CST30132	110365
CST15605	111231	CST20278	113276	CST21186	114387	CST30133	112533
CST15608	111231	CST20280	114875	CST21186	116307	CST30138	110352
CST20100	111690	CST20600	111558	CST21187	114388	CST30142	113346
CST20101	111534	CST20601	110616	CST21187	116308	CST30148	111685
CST20102	112320	CST20603	113191	CST21189	115389	CST30149	111865
CST20104	111805	CST20604	110723	CST21195	114475	CST30152	115423
CST20105	111445	CST20606	113675	CST21195	116672	CST30154	113925
CST20106	111136	CST20608	110723	CST21200	112249	CST30157	114072
CST20109	113408	CST20610	116315	CST21201	114480	CST30158	113962
CST20110	110485	CST20613	113675	CST21204	110522	CST30161	114387
CST20113	110820	CST20614	113675	CST21207	115393	CST30161	116307
CST20114	110412	CST21100	110536	CST21208	110439	CST30162	111422
CST20117	112478	CST21100	116139	CST21211	112135	CST30163	113446
CST20118	110142	CST21100	116312	CST21212	110442	CST30165	110640
CST20119	110719	CST21101	115423	CST21213	110442	CST30166	111911

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CST30170	113655	CST35113	112370	CST35222	111451	CST35618	113830
CST30171	114297	CST35114	111703	CST35223	114885	CST35618	115884
CST30172	110529	CST35115	110158	CST35224	112846	CST35621	112822
CST30173	113701	CST35116	111971	CST35230	115448	CST35621	115880
CST30176	110519	CST35117	111552	CST35231	115599	CST35622	114474
CST30177	110522	CST35118	111241	CST35232	113642	CST35623	115593
CST30185	110352	CST35119	111608	CST35235	115360	CST35623	115887
CST30188	114758	CST35122	111728	CST35236	115727	CST35626	113195
CST30190	111755	CST35123	111272	CST35238	114074	CST35627	114185
CST30600	110517	CST35124	113445	CST35239	111552	CST35628	115801
CST30601	110521	CST35125	112103	CST35240	114234	CST35629	113676
CST30602	110518	CST35126	110182	CST35241	115728	CST35629	115883
CST30603	110521	CST35127	114183	CST35242	114871	CST35630	115756
CST30604	110520	CST35128	110149	CST35245	113960	CST35631	114872
CST30606	116681	CST35129	110808	CST35246	113933	CST35631	115875
CST30612	110213	CST35130	110808	CST35247	113254	CST35632	114310
CST32100	112322	CST35133	110808	CST35248	115640	CST35632	115888
CST32101	110958	CST35134	113319	CST35249	112215	CST35633	114086
CST32102	111307	CST35135	113927	CST35250	115597	CST35633	115896
CST32104	113521	CST35137	111912	CST35252	115327	CST35634	113851
CST32105	113329	CST35138	112300	CST35253	111300	CST35634	115885
CST32106	113937	CST35139	111994	CST35254	113995	CST35635	115439
CST32107	113329	CST35142	114488	CST35255	114487	CST35635	115876
CST32108	113796	CST35144	113638	CST35256	115330	CST35636	116511
CST32109	113020	CST35146	114059	CST35257	111272	CST35637	115440
CST32110	114885	CST35147	113323	CST35260	114479	CST35638	114323
CST32111	114732	CST35149	111070	CST35266	115639	CST35638	115889
CST32112	110808	CST35150	111349	CST35267	115359	CST35639	114733
CST32113	113659	CST35151	114460	CST35269	111849	CST35639	115894
CST32114	111912	CST35152	111108	CST35270	114180	CST35640	114819
CST32115	113445	CST35153	113930	CST35271	113932	CST35642	114734
CST32117	113797	CST35154	112178	CST35272	114838	CST35643	113672
CST32118	113638	CST35156	110572	CST35273	114696	CST35643	115881
CST32121	114760	CST35157	111005	CST35278	115842	CST35644	114193
CST32123	115758	CST35158	113551	CST35284	114686	CST35644	115877
CST32124	114443	CST35159	112368	CST35285	113644	CST35656	114873
CST32125	114443	CST35160	113897	CST35286	115448	CST35664	115731
CST32126	113937	CST35161	111272	CST35302	116598	CST35664	115891
CST32129	113797	CST35162	114237	CST35305	116536	CST35666	116087
CST32130	113445	CST35163	116166	CST35306GS	116640	CST35668	115556
CST32131	114820	CST35164	110947	CST35309	115627	CST35668	115886
CST32132	112322	CST35165	113618	CST35315	116285	CST35669	114872
CST32134	113797	CST35166	114460	CST35316	111994	CST35669	115875
CST32137	114778	CST35167	116644	CST35317	116618	CST35671	116449
CST32138	114762	CST35167AS	116644	CST35325	115830	CST35675	115451
CST32140	110245	CST35168	113964	CST35326	113819	CST35679	116560
CST32141	115571	CST35169	114279	CST35328	115426	CST35680	116560
CST32142	115350	CST35171	114855	CST35334	111241	CST35682	116435
CST32143	115626	CST35172	114058	CST35338	113642	CST35702	110436
CST32145	115446	CST35173	110933	CST35344	114003	CST35705	115840
CST32147	113797	CST35174	114057	CST35348	116262	CST38108	116074
CST32148	116260	CST35175	114108	CST35350	116277	CST38131	113017
CST32149	116428	CST35177	111475	CST35352	116418	CST38135	112247
CST32152	110576	CST35178	114394	CST35353	116269	CST38137	110490
CST32153	111851	CST35179	114283	CST35354	116425	CST38138	112146
CST32157	112676	CST35180	114060	CST35355	113821	CST38142	113539
CST32600	112342	CST35182	116565	CST35356	116270	CST40100	113361
CST32602	113456	CST35183	113040	CST35358	115757	CST40101	111561
CST32604	110576	CST35186	111730	CST35376	116285	CST40102	110402
CST33108	115406	CST35187	113931	CST35381	115538	CST40103	115594
CST33109	112214	CST35189	112177	CST35385	116420	CST40105	110389
CST33111	115681	CST35190	114444	CST35390	116431	CST40106	110152
CST33112	115681	CST35191	114061	CST35391	116645	CST40107	110708
CST33126	116559	CST35193	110394	CST35392	110634	CST40109	111683
CST33130	113821	CST35195	114232	CST35600	111913	CST40110	111442
CST33132	113821	CST35198	111849	CST35601	113984	CST40114	111310
CST33133	113671	CST35200	111273	CST35602	112323	CST40116	111455
CST33138	111917	CST35201	113702	CST35603	113669	CST40117	112214
CST35100	110809	CST35203	113044	CST35604	114893	CST40118	112214
CST35101	110394	CST35204	112301	CST35606	113194	CST40119	111442
CST35102	111476	CST35206	111275	CST35607	113210	CST40122	111463
CST35103	111565	CST35207	113977	CST35608	110576	CST40127	112036
CST35104	111461	CST35210	114818	CST35609	113672	CST40129	111197
CST35105	110315	CST35211	115553	CST35609	115881	CST40130	111984
CST35106	110811	CST35212	110421	CST35610	114280	CST40131	113132
CST35107	111475	CST35213	114217	CST35611	114100	CST40132	111087
CST35108	113795	CST35214	115378	CST35613	114169	CST40133	110246
CST35109	111970	CST35215	114167	CST35614	113673	CST40134	110961
CST35110	112474	CST35216	114038	CST35615	115556	CST40135	113662
CST35111	111300	CST35217	114038	CST35615	115886	CST40136	110411
CST35112	111273	CST35221	111451	CST35616	114445	CST40137	110720

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CASCO <i>Continued</i>							
CST40138	110421	CST40281	112367	CST40480	115610	CST44112	110152
CST40140	110411	CST40284	111544	CST40481	115561	CST44117	114660
CST40141	110713	CST40287	115613	CST40482	115944	CST45102	113267
CST40143	110447	CST40288	115723	CST40482	116272	CST45104	110256
CST40144	111622	CST40292	113983	CST40484	115560	CST45107	114318
CST40146	114240	CST40293	111552	CST40486	115326	CST45109	115522
CST40147	111785	CST40294	112336	CST40502	116273	CST45110	114199
CST40148	113172	CST40295	110940	CST40504	114449	CST46100	111849
CST40149	111525	CST40299	116003	CST40505	112546	CST46101	111684
CST40150	110627	CST40301	111224	CST40506	116630	CST46102	111848
CST40151	110962	CST40302	112006	CST40507	114197	CST46103	113860
CST40152	112249	CST40303	114037	CST40508	113725	CST46107	114159
CST40154	111224	CST40307	116000	CST40509	113725	CST46110	111709
CST40155	114309	CST40309	115645	CST40510	114485	CST46116	115743
CST40158	111683	CST40311	111197	CST40516	113206	CST46117	115773
CST40159	110708	CST40313	116470	CST40521	116268	CST46118	115575
CST40160	112291	CST40314	115822	CST40522	111224	CST46119	116271
CST40161	113271	CST40317	115328	CST40523	114870	CST46120	115626
CST40162	115950	CST40318	115642	CST40525	116426	CST46124	116283
CST40163	113965	CST40319	115644	CST40526	115595	CST46126	116305
CST40164	115784	CST40320	114661	CST40527	113723	CST46132	115757
CST40165	113725	CST40321	113429	CST40530	113893	CST46602	116626
CST40166	113211	CST40322	114305	CST40531	113205	CST48100	111214
CST40168	113696	CST40323	115524	CST40532	114375	CST48101	112388
CST40170	110411	CST40324	114731	CST40536	116076	CST48102	111214
CST40171	113428	CST40325	114853	CST40538	111915	CST48103	112236
CST40172	110942	CST40326	114255	CST40551	114886	CST48105	113269
CST40174	110941	CST40327	114037	CST40554	116371	CST48106	110545
CST40175	110356	CST40329	110245	CST40555	113597	CST48107	111001
CST40179	110938	CST40330	114891	CST40560	114718	CST48108	110551
CST40181	110940	CST40331	114224	CST40561	112546	CST48112	111041
CST40182	113114	CST40332	115352	CST40570	113725	CST49101	112304
CST40183	113928	CST40337	116695	CST40573	116071	CST50100	110568
CST40184	110245	CST40338	114717	CST40578	113208	CST50103	112267
CST40185	112547	CST40339	115755	CST40600	112823	CST50104	115721
CST40185	116630	CST40340	110223	CST40600	115872	CST50105	111222
CST40186	114071	CST40342	116443	CST40601	112822	CST50107	112341
CST40190	110485	CST40343	114716	CST40601	115880	CST50108	110602
CST40191	111683	CST40347	110154	CST40602	110581	CST50109	110590
CST40194	111021	CST40348	114093	CST40603	113203	CST50112	110602
CST40197	114168	CST40351	115828	CST40605	111679	CST50113	110590
CST40198	113601	CST40353	114860	CST40606	110490	CST50113	111383
CST40199	111764	CST40354	114823	CST40608	110944	CST50116	111221
CST40200	110249	CST40360	115637	CST40611	112544	CST50601	110580
CST40201	114502	CST40364	115323	CST40612	114222	CST50603	110656
CST40203	113985	CST40367	114389	CST40615	112544	CST50604	110555
CST40205	113629	CST40368	111911	CST40616	114340	CST50606	111254
CST40206	113231	CST40372	116286	CST40617	114693	CST50608	111212
CST40207	114060	CST40374	111918	CST40619	114268	CST50609	110723
CST40208	113239	CST40384	116424	CST40627	114047	CST50614	110555
CST40214	112489	CST40385	116474	CST40629	113204	CST50614	111020
CST40217	110485	CST40388	113596	CST40631	114326	CST50617	111982
CST40218	114748	CST40389	115322	CST40632	114695	CST50618	115954
CST40220	110436	CST40391	115589	CST40633	112544	CST50620	114396
CST40221	113207	CST40393	115779	CST40637	114277	CST50621	114659
CST40223	111190	CST40395	115468	CST40639	116513	CST50622	114267
CST40225	113702	CST40396	114817	CST40641	115821	CST50623	115954
CST40226	113239	CST40403	116412	CST40642	110580	CST50624	114483
CST40227	114685	CST40407	116555	CST40646	114712	CST50635	114166
CST40235	114816	CST40410	115636	CST40649	114278	CST50644	115954
CST40236	111224	CST40412	115729	CST40651	114346	CST50653	111760
CST40239	113938	CST40416	115733	CST40658	114346	CST50655	113709
CST40241	114851	CST40419	116092	CST40663	114693	CST60100	114124
CST40242	114711	CST40420	111552	CST41100	114885	CST60101	114124
CST40243	111189	CST40421	116016	CST41101	113327	CST60102	110216
CST40245	110485	CST40424	116470	CST41102	114762	CST60103	111277
CST40246	113478	CST40427	116472	CST41103	110810	CST60104	110602
CST40248	112545	CST40431	116470	CST41106	115968	CST60105	111041
CST40249	114216	CST40435	110411	CST41107	110389	CST60106	112267
CST40250	110245	CST40439	116464	CST41100	112649	CST60107	110604
CST40254	113429	CST40443	114886	CST42100	111065	CST60108	110590
CST40256	115362	CST40444	114740	CST42101	114270	CST60109	111222
CST40258	114071	CST40445	116470	CST44100	111387	CST60110	112268
CST40259	114340	CST40448	115314	CST44101	113314	CST60111	112341
CST40260	112246	CST40457	114182	CST44102	110421	CST60112	111224
CST40262	114773	CST40459	116272	CST44103	114889	CST60113	111224
CST40264	110938	CST40463	113757	CST44104	110397	CST60117	113935
CST40266	115982	CST40466	115982	CST44105	111874	CST60117	115501
CST40267	115468	CST40477	115539	CST44109	114071	CST60119	110469
CST40268	114056	CST40478	115402	CST44110	113665	CST60120	110468
CST40274	111492	CST40479	115336	CST44111	111984	CST60123	110436

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CST60124	112089	9019635901	110895	A47464	110436	OR2698	110801
CST60125	111683	130100090735	111332	A49652	110300	OR2735	113695
CST60126	110602	161500090030	110601	A75864	110436	OR3615	110591
CST60127	110216	162000090722	113570	AR187916	112170	OR3652	111834
CST60128	114341	107717A1	112089	E019083A	111649	OR3653	113549
CST60129	114476	114799A1	111885	E156159	110205	OR3667	111261
CST60130	114298	114800A1	111885	E41565EX	110523	OR3668	111261
CST60134	112268	116928A2	114449	K308650	110462	OR3669	111261
CST60137	112255	121555C91	111000	K308650	116137	OR4256	110999
CST60140	112233	121905A1	111752	K311697	110770	OR4257	110999
CST60141	112232	125849A1	112773	K311698	110770	OR4259	110347
CST60143	116004	125849A1R	112773	K89772	110818	OR4259	111000
CST60145	112660	1273112C91	110933	K956426	111364	OR4260	110436
CST60147	110472	1286822H91	110801	K957340	110818	OR4263	113695
CST60149	110569	138207A1	112135	K957340EX	110818	OR4265	110436
CST60158	115740	140898A1	110818	L72955	110300	OR4272	110347
CST60160	114003	1530354C1	110890	M41595	110766	OR4316	110941
CST60162	112241	1530359C1	110530	M41595EX	110116	OR4319	110941
CST60165	111277	188590A1	111086	P941518P	112170	OR4321	114268
CST60169	112897	193432A01	113429	P941519Q	113184	OR4841	114683
CST60172	110231	193432A1	113429	P941542	112170	OR5203	112261
CST60600	111760	193432A2	113429	PBNA0103	110759	OR5206	111261
CST60601	110999	1959380C1	110447	PO9415420	112170	OR5207	110999
CST60603	113695	1962781C1	110809	Q941519	113184	OR5208	110436
CST60604	111000	1964860C1	112493	R39341	110627	OR5209	111000
CST60605	110347	1987559C1	113725	R941520EX	112747	OR5213	110347
CST60607	112652	202360T91	112773	R941543	112493	OR5216	110436
CST60608	113827	202386T91	110436	V941501EX	110536	OR5217	110801
CST60609	114013	223900A1	112544	VV12924277010	113408	OR5218	110436
CST60611	113695	223900A2	112544			OR5270	110999
CST60612	114330	229301A1	111086			OR5347	112089
CST60613	114330	234987A1	114107	CATERPILLAR		OR8279	112160
CST60614	113695	259720A1	114449	25900	110999	OR9437	114364
CST60615	112169	3116683EX	110256	86385	110075	OR9700	114043
CST60617	114013	3116683R91	110256	302071	111224	OR9702	115323
CST60621	114523	3218239EX	110641	347198	110590	OR9704	114870
CST60623	112243	3218544EX	112098	347205	110233	100-8224	111793
CST60624	112243	3218577EX	111662	655293	113172	104-7040	113695
CST60634	114710	3218577EX	116131	676375	110569	104-7041	111000
		3218675R91	111752	796351	111576	105-2811	114218
		3218884EX	110766	813255	115472	105-2812	114218
		3228193EX	111752	0827022	110766	105-2813	114188
		3228193R91	111752	1005046	111261	105-2814	114188
		3229193EX	111752	1005047	111261	106-8552	110999
		3229193R91	111752	1006929	114268	106-8554	111000
		323319A1	110565	1039827	111272	106-8555	110999
		38520130A	110766	1125041	111261	106-8557	113695
		388187A1	110565	1142401	112261	106-8558	113695
		388187A2	110565	1252988	114445	106-8559	113695
		388188A1	116126	1347023	113669	107-7977	112160
		403300R92	112660	1430535	110941	109-2361	112037
		462588C91	110347	1430536	110961	109-2362	113186
		529965R92	112660	1430539	110941	10R0395	113695
		537140R94	112660	1430540	110436	10R0399	110999
		537140R95	112660	1438434	113695	10R0400	111000
		596493R92	110590	1449955	115323	10R0405	115347
		673782C91	110999	1463503	112089	10R2576	115995
		80068C92	110537	1992334	113995	10R7586	114445
		82068C92	110537	2071541	115347	10R7946	114347
		91448C2	112773	2071560	110999	10R8755	112265
		92281C1	111289	2253145	113967	10R-8755	112265
		92292C1	111289	2267683	115794	10R9790	114683
		92294C1	111364	2357133	115794	10R9791	111261
		957340EX	110818	2371962	110347	10R9815	110347
		A130672Z	111713	2727123	110347	10R9816	110347
		A145324	110436	2803784	111272	112-1767	110941
		A162578	110436	3001117	110176	132-2156	112160
		A169694	112169	3127536	115389	142-0539	110941
		A170746	113725	3383454	110347	143-0538	110941
		A186125	111888	3445081	116519	143-0541	114268
		A186142	113184	3469825	113967	144-9952	115831
		A186180	112135	3469827	114302	144-9954	114043
		A186224	110436	4246821	114302	144-9955	115323
		A187549	112267	5269854	116307	147-7166	114280
		A187597	111885	121502400	112544	155-9849	114870
		A187623	111843	3E0079	110961	160-4648	114168
		A187728	113429	OR1903	114280	167-7812	114864
		A187873	111888	OR2186	110999	169-3345	114683
		A187916	112170	OR2187	111000	177-9953	114683
		A231295A1	116126	OR2189	110436	185-5294	114813
		A34442	110436	OR2190	111000	197-8820	115385
				OR2415	110591		

STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CATERPILLAR Continued							
1L8174.....	111000	3T2660.....	110999	6N9667.....	110347	9N0453.....	111000
204-9742.....	110944	3T2764.....	110999	6N9677.....	110347	9N0716.....	112089
207-1511.....	113695	3T2772.....	110999	6T0380.....	110944	9N0721.....	112089
207-1517.....	113695	3T2780.....	110347	6T0640.....	110347	9N716.....	112089
207-1541.....	115347	3T2782.....	110347	6T0647.....	110347	9S6693.....	111261
207-1548.....	111000	3T2785.....	110347	6T1395.....	113549	9W0058.....	110436
207-1551.....	115347	3T2787.....	110347	6T7001.....	110941	9W3043.....	111834
207-1556.....	111000	3T2879.....	112089	6T7004.....	110626	9W3748.....	110944
207-1564.....	111000	3T3152.....	111000	6T7007.....	110941	9X0341.....	111843
212-8561.....	116164	3T3153.....	111000	6T7223.....	111261	9X0354.....	114309
225-3141.....	113763	3T3154.....	112089	6V0492.....	110941	9X1270.....	112327
225-3146.....	114302	3T3778.....	110347	6V0511.....	110347	9X4507.....	115347
225-3147.....	114302	3T4581.....	110999	6V0513.....	110347	9X7803.....	112265
225-3148.....	114387	3T4582.....	110999	6V0885.....	110347	9X9995.....	113695
225-3148.....	116307	3T4583.....	110999	6V0890.....	110347	OR1903.....	112670
225-3149.....	114388	3T4584.....	110999	6V5227.....	110999	OR19071.....	114813
225-3149.....	116308	3T4586.....	110999	6V5537.....	110999	OR3652.....	111834
225-3150.....	114268	3T5649.....	110626	6V5539.....	111000	OR4263.....	113695
226-7683.....	115794	3T6305.....	110999	6V5720.....	113695	OR4316.....	110941
235-3145.....	113967	3T6352.....	110801	6V5821.....	115347	OR4321.....	114268
249-3681.....	115326	3T8191.....	113172	7C2264.....	110961	OR4841.....	115385
266-7226.....	114864	3T8208.....	110962	7L8797.....	111000	OR4843.....	114683
267-4624.....	115821	3T8947.....	110347	7N0923.....	111224	OR9437.....	114364
272-7123.....	110347	3T8949.....	110347	7N6503.....	110436	OR9698.....	115831
2N3538.....	110436	3T8954.....	110347	7N8404.....	111190	OR9704.....	114870
2N5599.....	110233	3T8967.....	110347	7N9720.....	110801	OR9705.....	114168
2P2501.....	110999	3Y6691.....	110801	7T0794.....	111000	OR9938.....	114864
2S0900.....	110999	3Y8200.....	110801	7T0798.....	110999	PX0341.....	111843
2S900.....	110999	3Y8852.....	110999	7T0799.....	110999	SL8206.....	112089
2S945.....	110075	4L9547.....	112089	7T0800.....	111000		
2T0797.....	110347	4N0241.....	114309	7T0801.....	111000		
2Y1920.....	110205	4N0956.....	112089	7T0806.....	111000		
312-7539.....	113654	4N0957.....	111000	7T1081.....	110436		
312-7540.....	114388	4N0959.....	110347	7T1082.....	110999		
312-7540.....	116308	4N1062.....	111000	7T1799.....	110999		
312-7576.....	115389	4N3181.....	110999	7T2095.....	113549		
329-0290.....	114388	4N3182.....	110999	7T2265.....	110436		
329-0290.....	116308	4N3343.....	110347	7T6173.....	111261		
32B66-00200.....	114169	4N3347.....	110999	7T9254.....	110436		
32B66-00204.....	114169	4N3348.....	110999	7X0994.....	113428		
32B66-20100.....	114169	4N3349.....	110347	7X1057.....	113172		
333-5930.....	114476	4N3350.....	110999	8C356.....	110436		
338-3454.....	110347	4N3986.....	112261	8C3592.....	112089		
346-9826.....	114302	4N4540.....	110138	8C3593.....	112089		
365-3422.....	114388	4N7752.....	110999	8C3596.....	110436		
365-3422.....	116308	4N7901.....	110999	8C3597.....	110999		
3A1872.....	110999	4N8118.....	111000	8C3644.....	111000		
3A1872H.....	110999	4N8253.....	110436	8C3645.....	111000		
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2998201.....	110518	CA4512-Y3M.....	110450	S115A24-23.....	111097	3755259.....	110223
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195834.....	112089	3910646.....	110999	3575205RX.....	110485	96303556.....	113350
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203176.....	111261	3916854.....	112267	3603862RX.....	111000	96380673.....	114114
203179.....	111261	3918377.....	111760	3603863RX.....	112089	96404012.....	113350
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		4900574.....	115968				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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249915	111637	1633811	114069	1516436R	116063	1516569R	111686
253307	111003	1649066	114314	1516437R	111842	1516570R	111841
277135	110116	1649066	116514	1516440R	111820	1516571R	112742
289183	112055	1667205	113934	1516441R	111289	1516573R	112098
293019	110209	1667425	114073	1516443R	111883	1516580R	111528
293020	110208	1688625	114073	1516444R	110912	1516581R	112747
293889	110932	1688720	113934	1516445R	111902	1516582R	113611
297297	111146	1697022	113284	1516447R	111718	1516583R	112345
298386	111219	1697022	115491	1516453R	110112	1516584R	111094
0365211	110981	1697023	115617	1516454R	111987	1516589R	112757
365211	110981	1697023	115618	1516459R	110360	1516593R	110906
371963	111146	1697024	115617	1516460R	111990	1516594R	112288
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609194	113376	1697321	115491	1516463R	112043	1516597R	112765
613097	110895	1697322	115617	1516464R	111653	1516599R	111662
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636306	110208	1725900	114069	1516470R	112058	1516603R	112230
653721	111637	1735788	112055	1516471R	113754	1516607R	111418
655613	111629	1739935	114073	1516473R	112097	1516608R	111368
659452	111146	1739936	113934	1516474R	112189	1516610R	113470
666754	112343	1826120	114069	1516475R	112197	1516611R	110163
678627	110533	1826121	114073	1516476R	113889	1516616R	111331
679445	111141	1843852	114073	1516477R	113879	1516617R	112784
692057	113376	1854008	116378	1516478R	113603	1516619R	111352
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890775	110895	1886891	116378	1516480R	113448	1516622R	111477
890966	110116	1927309	116687	1516480R	116585	1516623R	111479
0890967	110116	1927311	114089	1516481R	112460	1516629R	111629
890967	111146	1927312	113351	1516485R	112274	1516630R	112299
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0910378	114212	1927312	116514	1516489R	112407	1516633R	111354
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1244492	110895	1956092	114069	1516500R	113352	1516638R	113477
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1298995	112159	2015153	114073	1516508R	113285	1516648R	111289
1317220	112581	2015153	115511	1516512R	112370	1516652R	110536
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1340893	112196	2134698	114073	1516515R	113351	1516654R	110214
1340893	115987	2134699	116378	1516516R	112343	1516655R	111851
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1354776	111842	0890967R	110116	1516525R	110113	1516660R	114523
1357210	112581	1244492R	110895	1516527R	110759	1516661R	112014
1357211	112581	1368327R	113284	1516529R	112097	1516663R	111996
1357212	112581	1387383R	113760	1516532R	111289	1516666R	110775
1357591	110895	1400520R	114036	1516533R	111834	1516667R	110536
1357592	110895	1506770R	114765	1516536R	110881	1516668R	110858
1357593	112159	1516399R	110607	1516537R	111146	1516670R	112116
1368327	113284	1516401R	111623	1516538R	110882	1516671R	112440
1368327	115491	1516402R	112159	1516540R	111149	1516674R	112221
1377860	115617	1516403R	112681	1516541R	111075	1516677R	112224
1377860	115618	1516404R	113485	1516542R	111086	1516679R	113677
1387381	113760	1516405R	111426	1516543R	111076	1516680R	111070
1387383	113760	1516407R	111631	1516544R	112149	1516682R	112430
1387388	114036	1516408R	111426	1516545R	111154	1516683R	112431
1387388	116116	1516409R	112530	1516547R	111289	1516685R	112436
1400520	114036	1516410R	112529	1516550R	113574	1516687R	110524
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1401948	116117	1516414R	112298	1516552R	110890	1516689R	112441
1401948	116118	1516415R	113442	1516553R	112729	1516691R	116340
1443674	111000	1516417R	112703	1516555R	112729	1516692R	110212
1516445	111902	1516421R	113885	1516556R	110923	1516694R	112446
1528592	113284	1516423R	111886	1516558R	111419	1516696R	113277
1528594	114036	1516424R	111893	1516560R	110895	1516703R	110831
1528597	113934	1516426R	111413	1516561R	110116	1516704R	110525
1528598	112581	1516427R	111141	1516562R	112734	1516705R	110368
1528599	113760	1516430R	111890	1516564R	112098	1516707R	110206
1533733	115481	1516432R	112343	1516565R	112736	1516709R	110512
1604246	113934	1516433R	111899	1516566R	110766	1516710R	110531

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1516711R	110206	1516832R	110214	27060-87601-000	111437	021000-0362	110138
1516712R	110462	1516834R	110207	27060-87602-000	111437	021000-0363	110138
1516714R	110814	1516835R	110168	27060-87603-000	111610	021000-0364	110138
1516715R	110517	1516836R	110264	27060-87608-000	111610	021000-0369	110138
1516716R	110521	1516840R	112270	27060-87701-000	110374	021000-0370	110138
1516718R	110862	1516847R	110128	27060-87704-000	110374	021000-0371	110138
1516719R	111640	1516852R	110137	27060-87705-000	110374	021000-0372	110138
1516720R	111010	1516870R	110318	27060-87714-000	111610	021000-0426	110138
1516723R	111059	1516878R	110168	27060-87721-000	111610	021000-0457	110137
1516724R	111060	1516879R	112394	27060-87801-000	111048	021000-0459	110137
1516725R	111061	1516881R	110385	27060-87802-000	115319	021000-0460	110138
1516726R	111069	1516934R	111805	27060-97202-000	113306	021000-0461	110138
1516729R	110585	1516941R	110260	27060-97203-000	113306	021000-0462	110138
1516730R	110866	1516946R	110149	27060-97401-000	115929	021000-0470	110138
1516732R	111063	1516948R	110256	27060-97402-000	115929	021000-0472	110138
1516735R	111065	1516952R	110152	27060-97705-000	110374	021000-0501	110138
1516738R	110461	1516953R	110154	27060-B1030	116509	021000-0503	110137
1516739R	112541	1516954R	110809	27060-B1030-000	116509	021000-0505	110138
1516740R	110465	1516956R	110158	28100-31020	116800	021000-0506	110138
1516741R	111070	1516957R	110158	28100-31021	116800	021000-0507	110138
1516742R	113380	1516961R	110386	28100-31021-71	116800	021000-0508	110138
1516743R	111112	1516962R	110389	28100-72010-000	110397	021000-0511	110138
1516745R	112537	1516967R	110397	28100-72080-000	110397	021000-0513	110138
1516747R	112541	1516969R	110708	28100-87316	111525	021000-0516	110138
1516748R	110844	1516974R	114318	28100-87316-000	111525	021000-0518	110138
1516749R	111069	1516978R	110149	28100-87551	114851	021000-0529	110138
1516750R	111115	1516979R	111387	28100-87551-000	114851	021000-0549	110137
1516752R	113134	1516993R	110347	28100-87805	115755	021000-0590	110138
1516753R	111070	1518383R	113351	28100-97401-000	115784	021000-0591	110138
1516755R	110534	1518391R	113609	28100-97402-000	115784	021000-0640	110138
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1516757R	111120	1524010R	113489	DELPHI		021000-0810	110138
1516758R	110584	1524011R	114028	456	112229	021000-0811	110138
1516759R	115623	1524012R	114212	461	112165	021000-0812	110138
1516760R	110518	1524013R	114701	219170	114114	021000-0813	110138
1516761R	113467	1524014R	113935	219235	114114	021000-0814	110138
1516762R	113464	1649066R	114314	219292	116302	021000-1080	110138
1516763R	110582	1697322R	115618	10480403	113771	021000-1081	110138
1516764R	110208	1739936R	113934	10480404	113772	021000-1082	110138
1516765R	113846	494285R	110354	10480407	113771	021000-1083	110138
1516766R	111123	890667R	111146	10480408	113772	021000-1084	110138
1516767R	110213	AELB426	111399	96380673	114114	021000-1240	110137
1516768R	110523	STD1418R	114073	96627029	115380	021000-1241	110137
1516770R	110207			96627029KJ	115380	021000-1242	110137
1516771R	116327	DAIHATSU				021000-1320	110138
1516772R	110368	2706087112	111437	DELCO → REMY (DELCO)		021000-1321	110138
1516774R	110532	2702012012000	110137			021000-1322	110138
1516775R	110533	2702027011000	110258	DELCO REMY → REMY (DELCO)		021000-1330	110138
1516776R	111130	2702031043000	110137			021000-1331	110138
1516778R	113389	2702031080000	110138	DENSO		021000-1332	110138
1516779R	114460	2702087210000	110258	0726801000	111865	021000-1340	110138
1516780R	113468	2702087212000	110258	021000-0041	110138	021000-1341	110138
1516781R	113677	2702087214000	110258	021000-0046	110138	021000-1342	110138
1516782R	112167	2702087701000	110138	021000-0047	110138	021000-1343	110138
1516783R	112052	2702087702000	110138	021000-0064	110138	021000-1360	110138
1516785R	113465	2702087706000	110138	021000-0081	110137	021000-1361	110138
1516786R	113466	2706087504000	111048	021000-0124	110137	021000-1362	110138
1516787R	110363	2810031020000	110154	021000-0132	110138	021000-1363	110138
1516788R	111251	2810036040000	110152	021000-0133	110138	021000-1370	110138
1516789R	113847	2810036060000	110152	021000-0134	110138	021000-1371	110138
1516790R	112295	2810036070000	110152	021000-0160	110137	021000-1372	110138
1516791R	111231	2810040015000	110154	021000-0180	110138	021000-1601	110137
1516792R	111693	2810087213000	111455	021000-0183	110138	021000-1602	110137
1516796R	110980	2810097214000	115784	021000-0184	110138	021000-1603	110137
1516799R	110615	27020-13010-000	110138	021000-0186	110138	021000-1608	110137
1516800R	110208	27020-22011-000	110137	021000-0187	110138	021000-1800	110138
1516803R	111001	27020-24061-000	110138	021000-0240	110138	021000-1830	110138
1516805R	110336	27020-24062-000	110138	021000-0247	110138	021000-1840	110138
1516806R	111047	27020-26021-000	110138	021000-0249	110137	021000-1860	110138
1516807R	113481	27020-31051-000	110137	021000-0250	110137	021000-1861	110138
1516810R	110999	27020-87102-000	110137	021000-0296	110137	021000-1862	110138
1516812R	113387	27020-87103-000	110137	021000-0318	110138	021000-1863	110138
1516813R	111003	27020-87209-000	110137	021000-0320	110882	021000-1870	110138
1516820R	112119	27020-87216-000	110258	021000-0327	110138	021000-1871	110138
1516821R	112053	27060-87112-000	111437	021000-0340	110138	021000-1970	110138
1516822R	110367	27060-87201	111048	021000-0350	110137	021000-2490	110137
1516824R	112116	27060-87201-000	111048	021000-0351	110137	021000-2500	110137
1516825R	110527	27060-87202-000	111048	021000-0360	110138	021000-2640	110138
1516827R	113451	27060-87501-000	111048	021000-0361	110138	021000-2642	110138
1516828R	111900	27060-87502-000	111048			021000-2840	110258
1516830R	113674	27060-87512-000	111437			021000-2960	110137

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DENSO <i>Continued</i>							
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021000-2991	110137	021000-7260	110138	028000-2264	110444	028000-4811	110154
021000-3030	110138	021000-7410	110445	028000-2265	110444	028000-4812	110154
021000-3040	110137	021000-7420	110445	028000-2330	110396	028000-4990	110720
021000-3061	110137	021000-7920	110138	028000-2560	110260	028000-4991	110720
021000-3180	110138	021000-7930	110138	028000-2570	110152	028000-5040	111224
021000-3500	110138	021000-7931	110138	028000-2571	110152	028000-5200	110831
021000-3501	110138	021000-7932	110138	028000-2572	110152	028000-5201	110831
021000-3520	110258	021000-7940	110138	028000-2660	110152	028000-5210	110831
021000-3541	110138	021000-7970	110138	028000-2661	110152	028000-5290	110421
021000-3600	110138	021000-7971	110138	028000-2662	110152	028000-5400	110336
021000-3610	110138	021000-8010	110138	028000-2664	110152	028000-5401	110336
021000-3620	110138	021000-8011	110138	028000-2665	110152	028000-5407	110336
021000-3628	110138	021000-8020	110138	028000-2670	110152	028000-5410	110336
021000-3630	110138	021000-8021	110138	028000-2680	110152	028000-5490	113428
021000-3640	110138	021000-8030	110138	028000-2681	110152	028000-5580	110708
021000-3641	110138	021000-8120	110137	028000-2682	110152	028000-5581	110708
021000-3660	110138	021000-8130	110258	028000-2692	110421	028000-5582	110708
021000-3661	110138	021000-8140	110258	028000-3000	110152	028000-5730	110485
021000-3670	110138	021000-8160	110258	028000-3001	110152	028000-5740	110421
021000-3671	110138	021000-8620	110258	028000-3004	110152	028000-5820	110411
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021000-3790	110138	02131-9130	114827	028000-3360	110245	028000-5883	110627
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021000-4510	110563	02131-9132	114827	028000-3500	110421	028000-5890	110581
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021000-4570	110137	02131-9212	116358	028000-3600	110396	028000-5900	110260
021000-4590	110137	02131-9261	115409	028000-3601	110396	028000-5901	110260
021000-5010	110138	02131-9262	115409	028000-3602	110396	028000-5960	114309
021000-5011	110138	02131-9271	116450	028000-3603	110396	028000-5961	114309
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021000-5030	110138	028000-0197	110154	028000-3650	114309	028000-6010	110490
021000-5031	110138	028000-0370	110152	028000-3700	110152	028000-6011	110490
021000-5040	110138	028000-0510	110260	028000-3701	110152	028000-6012	110490
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021000-5050	110138	028000-1010	110154	028000-3711	110152	028000-6060	114259
021000-5051	110138	028000-1011	110154	028000-3730	110402	028000-6061	114259
021000-5060	110138	028000-1012	110154	028000-3770	110154	028000-6062	114259
021000-5061	110138	028000-1013	110154	028000-3800	110421	028000-6063	114259
021000-5070	110138	028000-1016	110154	028000-3801	110421	028000-6110	112246
021000-5080	110138	028000-1080	110154	028000-3830	110421	028000-6111	112246
021000-5110	110138	028000-1081	110154	028000-3950	110152	028000-6140	110246
021000-5111	110138	028000-1082	110154	028000-3960	110152	028000-6200	110580
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021000-5141	110138	028000-1623	110396	028000-4020	110411	028000-6250	110940
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021000-5151	110138	028000-1731	110152	028000-4022	110411	028000-6261	110720
021000-5160	110138	028000-1740	110152	028000-4023	110411	028000-6420	110152
021000-5180	110138	028000-1741	110152	028000-4024	110411	028000-6421	110152
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021000-5411	110138	028000-1970	110154	028000-4330	110152	028000-6511	110402
021000-5490	110137	028000-1971	110154	028000-4331	110152	028000-6540	111451
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021000-5910	110138	028000-1975	110154	028000-4342	110396	028000-6560	113428
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021000-5960	110138	028000-2000	110152	028000-4440	110152	028000-6800	110152
021000-6110	110138	028000-2001	110152	028000-4490	110152	028000-6801	110152
021000-6370	110258	028000-2150	110421	028000-4491	110152	028000-6802	110152
021000-6510	110138	028000-2151	110421	028000-4510	110411	028000-6803	110152
021000-6840	110258	028000-2240	110421	028000-4511	110411	028000-6810	110152
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021000-6861	110137	028000-2260	110444	028000-4532	110396	028000-6820	116800
021000-6900	110258	028000-2261	110396	028000-4730	110940	028000-6821	116800
021000-6980	111042	028000-2262	110396	028000-4750	110152	028000-6822	116800

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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028000-6860	110708	028000-8411	112246	100211-0071	110445	100211-2300	110496
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028000-6870	110708	028000-8431	110245	100211-0081	110445	100211-2320	110496
028000-6871	110708	028000-8432	110245	100211-0280	110445	100211-2360	110679
028000-6872	110708	028000-8434	110245	100211-0281	110445	100211-2480	111705
028000-6880	110708	028000-8570	111451	100211-0290	110445	100211-2510	111428
028000-6881	110708	028000-8571	111451	100211-0291	110445	100211-3040	111705
028000-6882	110708	028000-8730	110402	100211-0292	110445	100211-3041	111705
028000-6890	110708	028000-8760	111387	100211-0790	110445	100211-3060	111705
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028000-6892	110708	028000-8762	111387	100211-0890	112261	100211-3090	110496
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028000-6910	110708	028000-9010	110154	100211-1001	111705	100211-3100	111705
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028000-7307	111387	028000-9380	110397	100211-1280	110628	100211-3370	111437
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028000-7470	110421	028000-9860	110396	100211-1410	110965	100211-3600	111578
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028000-7481	110245	028000-9861	110444	100211-1441	110628	100211-3660	111578
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028000-7530	110152	028000-9902	111310	100211-1551	110965	100211-3740	110496
028000-7550	110411	028000-9940	111561	100211-1560	110628	100211-3760	110496
028000-7551	110411	03101-3180	115968	100211-1561	110628	100211-3761	110496
028000-7560	110260	03111-4300	115350	100211-1570	110967	100211-3800	111279
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028000-7661	110708	100210-2600	114288	100211-1632	111048	100211-4000	110564
028000-7662	110708	100210-2660	114288	100211-1640	111048	100211-4001	110564
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028000-7790	111683	100210-2980	111596	100211-1670	113921	100211-4071	110965
028000-7791	111683	100210-2990	111613	100211-1680	111048	100211-4080	110374
028000-7792	111683	100210-2991	111613	100211-1910	114361	100211-4120	110374
028000-7800	114711	100210-3080	114288	100211-2000	111428	100211-4170	110628
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028000-7802	114711	100210-3350	111483	100211-2020	111705	100211-4180	110374
028000-7803	114711	100210-3360	111483	100211-2021	111705	100211-4200	111017
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028000-8320	110447	100210-3810	111483	100211-2211	110496	100211-4450	111048
028000-8321	110447	100210-3820	111483	100211-2221	110679	100211-4490	111048
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028000-8400	110942	100210-3840	111483	100211-2231	110679	100211-4528	111048
028000-8401	110942	100210-4510	114828	100211-2250	111428	100211-4530	110620
028000-8402	110942	100210-4520	114828	100211-2280	110496	100211-4531	110620
028000-8403	110942	100210-4560	116499	100211-2281	110496	100211-4540	110629
028000-8404	110942	100210-4561	116499	100211-2290	110679	100211-4560	111048

STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DENSO <i>Continued</i>							
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100211-4640	111048	100211-8381	111538	101210-0161	114284	101211-0033	111609
100211-4650	113921	100211-8410	111781	101210-0162	114284	101211-0050	111518
100211-4660	111048	100211-8440	111538	101210-0870	114494	101211-0051	111518
100211-4670	111048	100211-8960	112557	101210-0871	114494	101211-0052	111518
100211-4680	111048	100211-8991	111579	101210-0890	116332	101211-0060	111579
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100211-6110	112102	100213-1130	111605	101210-1120	113722	101211-0432	111518
100211-6240	116029	100213-1140	111605	101210-1120	115963	101211-0480	112063
100211-6250	116029	100213-1150	111605	101210-1121	113722	101211-0481	112063
100211-6260	116029	100213-1180	114203	101210-1121	115963	101211-0510	111517
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104210-3520	113849	104210-4860	114208	104210-9032	115683	121000-4521	115935
104210-3520	116294	104210-4920	116090	104210-9033	115683	121000-4540	113607
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104210-3521	116294	104210-4980	116765	104210-9231	114024	121000-4551	115935
104210-3522	113849	104210-5020	114749	104210-9250	114897	121000-7560	110138
104210-3522	116294	104210-5021	114749	104210-9290	114897	121000-8230	111483
104210-3523	113849	104210-5140	114490	104210-9340	114024	128000-0020	111683
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104210-3524	113849	104210-5151	113972	104210-9410	114024	128000-0050	111021
104210-3524	116294	104210-5290	115863	104211-3000	116504	128000-0070	110940
104210-3530	114065	104210-5350	115863	104211-3001	116504	128000-0071	110940
104210-3531	114065	104210-5351	115863	104211-3002	116504	128000-0110	110485
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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128000-0170	110720	128000-1252	110411	128000-4230	111131	128000-6810	110708
128000-0171	110720	128000-1280	113725	128000-4240	113545	128000-6811	110708
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128000-0220	110397	128000-1863	110402	128000-4600	112246	128000-6871	113172
128000-0290	110249	128000-1930	111561	128000-4601	112246	128000-7030	110962
128000-0291	110249	128000-1950	111561	128000-4660	111683	128000-7031	110962
128000-0300	111442	128000-1951	111561	128000-4661	111683	128000-7090	110397
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128000-0360	111387	128000-2131	110356	128000-4663	111683	128000-7111	113205
128000-0361	111387	128000-2160	115552	128000-4720	110961	128000-7140	111492
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128000-0622	110411	128000-2790	111131	128000-5231	110249	128000-7480	112546
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128000-1004	113203	128000-3641	110402	128000-5911	111224	128000-7990	111544
128000-1050	110626	128000-3740	111131	128000-5912	111224	128000-7991	111544
128000-1060	110941	128000-3741	111131	128000-5913	111224	128000-8101	112545
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128000-1062	110941	128000-3761	113545	128000-5951	111544	128000-8140	111387
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128000-1153	111087	128000-4061	111561	128000-6211	111310	128000-8310	111552
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128000-1250	110411	128000-4113	112036	128000-6620	110245	128000-8461	113893

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DENSO <i>Continued</i>							
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128000-8551	115552	228000-0800	110447	228000-1951	113725	228000-4300	113171
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228000-0664	111299	228000-1891	113132	228000-4291	111683	228000-5623	113429

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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228000-5640	115880	228000-7130	111552	228000-9032	112336	428000-0500	114071
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228000-5860	113172	228000-7392	113171	228000-9252	115784	428000-0860	115784
228000-5861	113172	228000-7393	113171	228000-9253	115784	428000-0870	116016
228000-5862	113172	228000-7410	114222	228000-9270	111552	428000-0930	114333
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228000-5990	113239	228000-7472	114197	228000-9540	114125	428000-1160	116695
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228000-6172	112367	228000-7541	114182	228000-9872	115637	428000-1290	113655
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228000-6282	112367	228000-7581	113271	421000-0011	113803	428000-1570	111310
228000-6283	112367	228000-7583	113271	421000-0012	113803	428000-1590	114891
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228000-6611	112336	228000-8040	113132	421000-0230	114511	428000-1941	115642
228000-6612	112336	228000-8041	113132	421000-0232	114511	428000-2030	111197
228000-6613	112336	228000-8090	114400	421000-0470	116659	428000-2190	114891
228000-6614	112336	228000-8150	112336	421000-0500	116659	428000-2191	114891
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STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DENSO <i>Continued</i>							
428000-2910	115352	428000-5953	116286	428000-9210	116555	DOOSAN	
428000-2911	115352	428000-6060	115723	428000-9211	116555	300901-00007	115690
428000-2920	115352	428000-6061	115723	428000-9212	116555	600516-00003	116305
428000-3030	116424	428000-6070	115644	428000-9370	113314	65.26201-7067	116626
428000-3090	114255	428000-6170	114870	428000-9530	116412	65.26201-7067A	116626
428000-3091	114255	428000-6171	114870	428000-9531	116412	65.26201-7074	116626
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428000-3130	115817	428000-6190	115723	428000-9534	116412	65.26201-7074D	116626
428000-3170	115755	428000-6191	115723	428000-9535	116412		
428000-3180	114216	428000-6200	115644	428080-2910	115352	DUCATI	
428000-3361	114661	428000-6220	115723	428080-2920	115352	27040011A	116076
428000-3370	114660	428000-6600	114678	4380000-0491	116273	27040051A	116076
428000-3371	114660	428000-6700	114299	4380000-0494	116273		
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428000-3380	112544	428000-6910	115725	438000-0201	116272		
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428000-4520	114389	428000-7933	115733	438000-0980	116412	451013	112768
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428000-5000	114389	428000-8443	116003	01183118	116651	532010	110367
428000-5001	114389	428000-8444	116003	01183128	116651	532017	110367
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428000-5280	114389	428000-8850	115560	01183209	115889	532023	110856
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428000-5670	115779	428000-8855	115560	04118822	115971	534032	110866
428000-5760	111552	428000-8861	115645	01183118KZ	116651	534039	110587
428000-5830	114886	428000-8862	115645	01183128KZ	116651	534042	110585
428000-5831	114886	428000-9060	116472	2.9439.290.0	111686	534043	110585
428000-5880	114255	428000-9061	116472	2.9439.480.0	111686	534046	111066
428000-5950	116286	428000-9130	116464			534047	110866
428000-5951	116286	428000-9131	116464			534050	111066
428000-5952	116286	428000-9140	115589			534053	111025

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
534054	110584	11705	110912	ELMOT		R22.07	110213
534055	110584	11750	110530	0050000	110210	R22.10	110531
534057	110585	11830	110368	0060000	111046	R22.12	110531
538501	110462	11930	110521	0070000	110213	R22.13	110214
538501	116137	12080	110517	0090000	110531	R22.14	110212
538502	110565	12590	110206	0100000	110531	R22.16	110212
538504	110459	12760	113465	0120000	110531	R22.22	110205
538505	110565	12800	110212	0130000	110214	R22.38	111231
618077	111066	12900	113466	0140000	110212	R23.05	110210
618078	111066	12950	110208	0160000	110212	R23.06	110582
618565	111066	12960	111004	0220000	110205	R23.08	110206
618795	111066	12990	110582	0380000	111231	R23.09	110533
516013A	111071	13000	110368	3370000	110611	R23.10	110207
516013B	111071	13090	110524	6050000	110210	R23.11	110208
516013BC	111071	13100	110525	6060000	110582	R23.13	110601
516013C	111071	13140	111640	6080000	110206	R23.16	110512
516015A	111071	13460	111035	6090000	110523	R23.17	110512
516053A	112728	13470	112719	6100000	110207	R23.18	110534
534054A	110584	13470	116331	6110000	110208	R23.21	110535
534054B	110584	13830	111686	6130000	110601	R23.23	110209
534054C	110584	13850	111620	6160000	110512	R23.24	110932
534054D	110584	13870	111418	6180000	110534	R23.25	110512
6068A	110818	13870	115873	6210000	110535	R23.26	110212
6127C	110439	14100	110536	6220000	110531	R23.27	110519
6202A	111100	14100	116139	6230000	110209	R23.27	111219
6202B	111100	14650	110522	6240000	111219	R23.33	111218
6202C	111100	14660	110814	6250000	110512	R23.34	110980
6202D	111100	14860	111693	6260000	110212	R80.02	110365
6202F	111100	14940	111418	6270000	111219	R80.04	111025
6231A	110367	14940	115873	6330000	111218	R80C	111585
6231B	110367	14960	110923	6340000	110980	R80C1	111585
6231C	110367	14965	111093	8100000	110365	R80K	111025
6231D	110367	14970	110913	8100000	111585		
6232A	110439	22201	110512	8020020000	110365	FAE	
		22602	110206	8020020000	111585	4429	110802
EFEL		22603	110533	283020.1	111148	4473	111309
02201	110524	22604	110207	803000.2	110352	4487	110659
03106	110537	22605	110208	A124-15	110350	4637	113563
03109	111217	22606	110208	A124-44S	110350	4851	112327
03285	110512	22607	110210	A124N	110611	4860	113656
04667	110601	22608	110582	A125-07	111086	4863	113652
06000	110060	22609	110601	A125-09	110348	4980	113607
6000	110060	22616	110512	A125-45C	111036	6141	113629
06030	110061	22617	110534	A125-55E	111687	6187	110367
6030	110061	22620	110535	A125-55S	110348	6407	111786
06710	110601	22621	110531	A125-55T	111687	6448	110810
06730	110531	22622	110209	A125-65B	111148	6456	111374
06860	110532	22623	110932	A155-55D	111086	6840	112300
06940	110512	22624	110512	ALT2N-14	110968	6858	113665
07940	111217	22625	110512	E100L-1.5/12	110352	6864	113618
08280	110205	22626	110519	E80C	110365	6868	113638
08780	110207	22701	110210	R10.05	110520	6869	113521
08790	110208	22702	111046	R10.08	110523	6870	113020
09620	111304	22703	110213	R100.03	110352	6872	113638
10420	110525	22704	110532	R100.3	110352	6894	111909
10430	110536	22706	110531	R100A	110520	6942	113642
10430	116139	22708	110531	R11.01	110545		
10440	110524	22709	110205	R11.02	110551		
10450	110520	22710	110214	R11.03	110522	FAUN	
10460	110523	22711	110212	R11.06	110545	0102118	110113
10570	110531	22713	110212	R11.07	110529	0936281	110641
10590	111180	22715	111231	R11.10	110545	1701034	115590
10590	116133	22718	112119	R11.12	110536	1701049	110534
10600	110534	22801	110537	R11.12	116139	1701052	114744
10610	110531	22802	111217	R11A	110545	1701054	110525
10650	110533	22804	110538	R11B	110551	1701058	110210
10800	111219	22806	110539	R11C	110522	1701061	110524
10810	110531	36368	110429	R11F	110545	1701063	110535
10825	110582	36392	110429	R11K	110536	1701065	110523
10890	112097	36561	112487	R11K	116139	1701071	114438
10910	110890	36576	111091	R11N	110545	1702086	110766
11206	110209	36608	112487	R11W	110529	1702093	110116
11360	110525	36609	112487	R20.17	110512	1702099	110766
11370	110529	36635	116074	R20.24	110532	1702100	110116
11380	110521	36676	111092	R20.28	110214	1702102	112098
11420	110522	36681	112487	R20.42	110210	1702108	112288
11430	110518	36703	112487	R20D1	110214	1702113	110895
11520	110527	36799	112864	R20W	110532	1702114	110766
11580	110523	36806	112317	R20Z	110512	1702117	111141
11640	110536	36807	112317	R22.05	110210	1702118	110113
11640	116139	36808	112318	R22.06	111046	1702121	112747
		36809	112318				

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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1707049.....	110534	F926900060130.....	113468	4231018.....	110521	4716062.....	110518
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1830937.....	110766	F934900060060.....	114475	4242498.....	110611	4717871.....	112097
4100509.....	110766	F934900060060.....	116672	4242730.....	110890	4719664.....	110814
4159015.....	113464	G198902011010.....	111978	4257063.....	110899	4719666.....	110522
4792491.....	112747	G205900010010.....	110881	4257074.....	110899	4720501.....	110882
		G205900010011.....	110881	4257771.....	110899	4720502.....	110882
FEMSA							
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ALB40-86.....	110611	G380900060010.....	110536	4263983.....	110890	4721589.....	110890
ALD12N-53.....	110743	G514900060100.....	111332	4269114.....	110521	4721591.....	110890
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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1416252	110461	1511220	114009	1654769	111750	1756794	114092
1420869	114898	1516986	110482	1658022	110607	1756795	113911
1420871	114898	1519795	114128	1658023	110607	1756796	113794
1425016	115434	1525794	113906	1659058	111176	1756803	113702
1426014	114009	1525795	115641	1668894	111623	1757293	114250
1427763	115405	1526103	110465	1668894	115890	1757296	115459
1429688	113710	1529431	115405	1669558	113959	1757315	113849
1429689	113710	1530298	114065	1670812	113905	1757315	116294
1435647	115544	1530299	113978	1670812	116159	1757316	114898
1436603	114129	1535268	111906	1671515	111906	1762340	115555
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1449615	115870	1535437	113535	1673521	113535	1762862	113958
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1450641	112142	1537179	110178	1676843	113849	1762872	113908
1450644	115543	1539686	111906	1676843	116294	1762873	113905
1450653	112821	1539703	110336	1677167	114250	1762876	113906
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1450953	111797	1541002	115870	1678607	116296	1763590	113912
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1455494	115544	1542468	113962	1678608	116296	1764816	115456
1458640	115365	1543764	115601	1682130	115908	1764817	115933

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FORD <i>Continued</i>							
1776538.....	116266	4022225.....	112235	5010209.....	111289	5026775.....	110891
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1790382.....	115417	4069775.....	112821	5010554.....	110179	5026806.....	112235
1790385.....	115544	4069775.....	115870	5010555.....	111185	5027113.....	111131
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1791839.....	116441	4078768.....	112821	5010557.....	111289	5027121.....	112290
1791840.....	115365	4078768.....	115870	5011974.....	111364	5027131.....	111131
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1824489.....	111906	4348654.....	113702	5016231.....	111750	5027804.....	111131
1831218.....	113906	4362258.....	113913	5016232.....	111131	5027805.....	111131
1846286.....	115555	4371000.....	113710	5016233.....	111131	5027807.....	111131
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2033252.....	116421	5003902.....	111289	5023551.....	111131	6033117.....	111289
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2073243.....	115461	5003956.....	111289	5023587.....	112290	6056325.....	111289
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2099469.....	115417	5007075.....	111289	5026102.....	111289	6094378.....	110336
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3960404.....	110584	5008989.....	111362	5026726.....	111368	6136957.....	110891
4022223.....	112340	5009269.....	111289	5026728.....	110607	6143717.....	111146

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
6147936.....	112290	6816675.....	111131	157T10300BC.....	113709	256U11000DB.....	114162
6149609.....	111131	6816675.....	111750	157T10300BD.....	113709	256U11000DC.....	114162
6157854.....	111131	6816676.....	111131	157T10300BE.....	113709	256U11000EA.....	113905
6157854.....	111750	6816677.....	111131	157T10300CA.....	113708	256U11000EA.....	116159
6157855.....	111131	6816678.....	111750	157T10300CB.....	113708	256U11000EB.....	113905
6157855.....	111750	6943372.....	111131	157T10300CC.....	113708	256U11000EB.....	116159
6157856.....	111131	6983801.....	110607	157T10300CD.....	113708	256U11000EC.....	113905
6157856.....	111750	6996767.....	112251	157T10300CE.....	113708	256U11000EC.....	116159
6157857.....	111131	7003145.....	112290	157T10300CF.....	113708	256U11000ED.....	113905
6157858.....	111131	7003146.....	112290	157T10300DA.....	113709	256U11000ED.....	116159
6157859.....	111131	7041784.....	111374	157T10300DB.....	113709	256U11000EE.....	113905
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6157860.....	111750	7177333.....	112235	157T10300DD.....	113709	257T10300BA.....	114757
6157861.....	111131	7197314.....	111623	157T10300DE.....	113709	257T10300BB.....	114757
6157862.....	110336	7203201.....	111477	157T10300DF.....	113709	257T10300BC.....	114757
6157862.....	111131	7203211.....	112166	157T10C392A.....	113709	257T11000AB.....	111374
6157863.....	110336	7251855.....	110891	157T10C392AB.....	113709	257T11000AC.....	111374
6157863.....	111131	7275964.....	111680	157TBC.....	113709	257T11000AD.....	111374
6157872.....	111131	7275964.....	111906	157TBD.....	113709	257T11000DA.....	112821
6157872.....	111750	7275964.....	112006	157TCB.....	113708	257T11000DA.....	115870
6157874.....	111131	7275964.....	113701	157TCD.....	113708	257T11000DB.....	112821
6157876.....	111131	7275998.....	112325	157TT10300CB.....	113708	257T11000DB.....	115870
6158978.....	112290	7276000.....	110891	157TT10300CC.....	113708	257T11000DC.....	112821
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6159682.....	111364	7302659.....	115890	157U11000AC.....	113794	257T11000DA.....	111374
6160440.....	112251	7308195.....	112151	157U11000AD.....	113794	257U11000DA.....	112821
6167032.....	112290	7312901.....	112698	157U11000AE.....	113794	257U11000DA.....	115870
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6168500.....	111131	7355509.....	112680	157U11000AG.....	113794	2T1411000BA.....	113910
6168501.....	111131	7361233.....	113885	157U11000BA.....	112821	2T1411000BB.....	113910
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6174535.....	110867	8666580.....	115460	157U11000BC.....	112821	2T1411000CC.....	113910
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6177073.....	114119	81866002.....	112074	1X4310300BD.....	115788	2T1U10300AD.....	113710
6181359.....	111356	81868126.....	113968	1X4310300CB.....	115787	2T1U10300AE.....	113710
6183758.....	111131	82005342.....	112074	1X4U11000AA.....	111374	2T1U10300AF.....	113710
6183759.....	111131	82005343.....	113968	1X4UAA.....	111374	2T1U10300AG.....	113710
6189556.....	111176	82007917.....	112074	2C1611000AA.....	112821	2T1U10300AH.....	113710
6190023.....	111131	82013922.....	112074	2C1T10300AB.....	113298	2T1U10300AK.....	113710
6192883.....	111289	82013923.....	113968	2C1T10300BA.....	113913	2T1U10300AL.....	113710
6199409.....	111176	82014508.....	113529	2C1T10300BB.....	113913	2T1U10300AM.....	113710
6199412.....	110891	89821291.....	112074	2C1T10300AA.....	113298	2T1U10300BB.....	113710
6199415.....	111131	702000150.....	110462	2C3U10300BB.....	113285	2T1U10300BC.....	113710
6199417.....	111131	702000150.....	116137	2M5T10300AB.....	112142	2T1U10300BD.....	113710
6199418.....	111131	898821291.....	112074	2M5T10300AC.....	112142	2T1U10300BE.....	113710
6203379.....	112290	1BYU11000AA.....	111131	2M5T10300AD.....	112142	2T1U10300CA.....	113710
6203381.....	110867	1C1T10300AB.....	113298	2M5T10300AA.....	112142	2T1U10300CB.....	113710
6203381.....	112290	1C1T10300AD.....	113298	2S6T10300AB.....	113912	2T1U10300CC.....	113710
6203381.....	114119	1C1T10300AE.....	113298	2S6T10300AB.....	116362	2T1U10300CD.....	113710
6203382.....	110336	1C1T10300AF.....	113298	2S6T10300AC.....	113912	2T1U10300CE.....	113710
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6203384.....	111131	1L2U10300AA.....	112946	2S6T10300BB.....	114128	2T1U-AG.....	113710
6504722.....	111131	1L8U10300AB.....	112958	2S6T10300BC.....	114128	2T1UAH.....	113710
6504733.....	111131	1L8U10300AC.....	112958	2S6T10300CB.....	114129	2T1UBC.....	113710
6504744.....	111131	1L8U10300BB.....	112958	2S6T10300CD.....	114129	2T1UCA.....	113710
6504744.....	111750	1L8U10300CD.....	112961	2S6T10300DA.....	114129	2T1UCB.....	113710
6544358.....	111131	1L8U10300CE.....	112961	2S6T10300DB.....	114129	2T1UCF.....	113710
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6647475.....	110891	1L8U10300DE.....	112961	2S6T10300DD.....	114129	3C2411000CA.....	110358
6667965.....	111131	1L8UAC.....	112958	2S6T10300DE.....	114129	3C2411000AA.....	110385
6667965.....	111750	1L8UDE.....	112961	2S6T10300FA.....	113883	3C2Z11002AA.....	110385
6683311.....	112290	1L8Z10346AB.....	112958	2S6T10300FB.....	113883	3C3U11000AB.....	113703
6686130.....	112235	1L8Z10346CB.....	112961	2S6T10300FC.....	113883	3C3U11000AC.....	113703
6686132.....	112235	1M2111000AA.....	112286	2S6T10300AA.....	113912	3C3Z11002A.....	113703
6686135.....	112340	1M5T10300BA.....	112142	2S6T10300AA.....	116362	3C3Z11002AA.....	113703
6694981.....	112325	1M5T10300BB.....	112142	2S6TAB.....	113912	3M2110300BA.....	112002
6729337.....	112151	1M5T10300BC.....	112142	2S6TFA.....	113883	3M2110300AA.....	112079
6775699.....	112235	1M5T10300BD.....	112142	2S6TFB.....	113883	3M5T10300FA.....	115460
6775701.....	112235	1S4110300AA.....	112958	2S6TAA.....	113912	3M5T10300GA.....	115460
6775702.....	112235	1S41AA.....	112958	2S6TAA.....	116362	3M5T10300JA.....	114157
6775703.....	112235	1S4U11000AB.....	114119	2S6U11000CA.....	111906	3M5T10300JB.....	114157
6775704.....	112340	1S4U11000AA.....	114119	2S6U11000CB.....	111906	3M5T10300JC.....	114157
6816673.....	111131	157T10300BA.....	113709	2S6U11000CC.....	111906	3M5T10300JD.....	114157
6816674.....	111131	157T10300BB.....	113709	2S6U11000DA.....	114162	3M5T10300KA.....	115601

STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FORD Continued							
3M5T10300KB	115601	4M5T10300LA	114804	6G9N10300HB	115434	733F11000AA	110465
3M5T10300KC	115601	4M5T10300LB	114804	6G9N10300HC	115434	73AB11000BA	110336
3M5T10300LA	114065	4M5T10300LC	114804	6G9N10300HD	115434	73AB11000AA	110336
3M5T10300LB	114065	4M5T10300LD	114804	6G9N10300JB	115412	73BB11000B2A	110831
3M5T10300LC	114065	4M5T10300LE	114248	6G9N10300JD	115412	73EB10300GB	111289
3M5T10300LD	114065	4M5T10300UB	114248	6G9N10300LA	115966	73GB11000BA	110336
3M5T10300NB	114083	4M5T10300UC	114248	6G9N10300TC	114898	74DB10436A	110178
3M5T10300NC	114083	4M5T10300UD	114248	6G9N10300TD	114898	74EB10300CA	111086
3M5T10300PA	113922	4M5T11000FA	113911	6G9N10300UA	114898	74EB10300FA	111289
3M5T10300PB	113922	4M5T11000FB	116157	6G9N10300UB	114898	74EB10300HB	111289
3M5T10300PC	113922	4M5T11000FB	113911	6G9N10300UC	114898	74EB10304AA	111086
3M5T10300PD	113922	4M5T11000FB	116157	6G9N10300UD	114898	74GB10300AA	110759
3M5T10300PE	113922	4M5T11000FC	113911	6G9N10300XA	116441	755F11000AB	110461
3M5T10300SC	114810	4M5T11000FC	116157	6G9N10300XB	116441	755F11000BB	112251
3M5T10300SD	114810	4M5T11000FD	113911	6G9N10300XC	116441	755F11000AA	110461
3M5T10300UA	115700	4M5T11000FD	116157	6G9N10300YC	115671	75AB10300LA	111289
3M5T10300VA	113978	4M5T11000KB	114092	6G9N10300AA	115908	75AB10300MA	111086
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3M5T10300VC	113978	4M5T11000KD	114092	6G9N11000AB	113906	75AB11000A2A	110336
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3M5T10300XD	115750	4R8311001AC	116474	6G9N11000CD	114746	75AB11000B2A	110336
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3M5T10300YB	113849	4S4TAA	113906	6G9N11000EC	114092	75EB10300DA	110759
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3M5T10300YD	116294	4X4U11000AB	111374	6G9N11000GC	115405	76BB10300DA	111086
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3M5T11000CB	116062	5M5T11000CB	112821	6G9N11000MA	115725	76BB10300HD	111289
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3M5T11000CC	116062	5T1U10300AA	113710	6G9N11000NA	115468	76BB10300JA	111289
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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79AB11000AA	110831	835X11000AC	110461	86AB11000HA	111131	89FX11000BA	110336
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7C1911000AB	113959	83BB10300DB	111289	86AB11000TA	111131	8A6117757BC57VT	111086
7G9J10300EA	115365	83BB10300DC	111289	86AB11000VA	111131	8A6117757BCZJAC	111289
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7G9N10300CC	114883	83BB10300HA	111362	86AX10300AB	111362	8M5T10300PA	113922
7G9N10300EA	115365	83BB11000AB	110336	86AX10300ADA	111364	8M5T10300PB	113922
7G9N11000AB	111906	83BB11000BA	110831	86AX10300DB	111362	8M5T10300YA	113849
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82DB10346BA	111146	86AB10300EB	111362	89AX10300HA	111289	91AX11000AB	111750
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82DB10346AA	110116	86AB10300MA	110891	89FB11000CA	111131	91AX11000HB	112290
82FB10300BA	111362	86AB10300MB	110891	89FB11000AA	111131	91AX11000JA	111131
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82FB10300EA	111362	86AB10300AA	111289	89FF10300BB	111356	91AX11000KB	111131
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82GB11000DA	110336	86AB11000A2A	112290	89FF10300GB	111356	91BX11000JA	111131
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835F11000AC	112251	86AB11000CA	111131	89FF10300AA	111356	91FF10300TA	111176
835F11000BB	112251	86AB11000DA	111131	89FX10300EB	111176	91FF10300VA	110770

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FORD <i>Continued</i>							
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91GB11000AB.....	110842	954F10300AA.....	115890	96FF10300DB.....	112121	98VB11000B1A.....	112251
91GB11000AA.....	110842	954F10K300AB.....	111623	96FF10300DC.....	112121	98VB11000B3A.....	112251
91GX11000AB.....	110842	954F10K300AB.....	115890	97AB10300AB.....	112121	98VB11000B3B.....	112251
91GX11000AA.....	110842	954F10K300AA.....	111623	97AB10300AC.....	112121	98VB11000BA.....	112251
924F10300AB.....	111623	954F10K359AB.....	111623	97AB10300AD.....	112121	98VB11000BB.....	110461
924F10300AB.....	111742	954F10K359AB.....	115890	97AB10300AE.....	112121	98VB11000BBB.....	112251
924F10300AB.....	115890	954F10K359AA.....	111623	97AB10300AA.....	112121	98VB11000BC.....	112251
924F10300AA.....	111623	954F10K359AA.....	115890	97BB10300BA.....	112151	98VB11000AA.....	112251
924F10300AA.....	115890	95AB10300DA.....	112680	97BB10300BB.....	112151	98VW10300CA.....	112079
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924F10K359AB.....	111742	95AB10300DC.....	112680	97BB10300BD.....	112151	98VP10K359BB.....	111797
924F10K359AB.....	115890	95AB10300DI.....	112680	97BB11000B3D.....	114119	98VW10300CA.....	112079
924F10K359AA.....	111623	95FB11000BB.....	113701	97BB11000BA.....	112290	98VW10300EA.....	112002
924F10K359AA.....	111742	95FB11000BC.....	113701	97BB11000BB.....	112290	9G9J10300AA.....	115908
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924FX10K359.....	111742	95FB11000BG.....	113701	97BB11000BD.....	112290	9G9N10300AA.....	115908
924FX10K359AA.....	111742	95FF10300AB.....	112325	97KB11000AB.....	111680	9M5N10300AA.....	115769
924X10300AB.....	111623	95FF10300AC.....	112325	97KB11000AC.....	111680	9M5T11000AA.....	115769
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92AB10300EB.....	111176	95GB10300LA.....	112698	97VB11000AC.....	112251	9S5110346BB.....	113535
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92AB11000CA.....	111131	95GB10300MB.....	112698	97VW11000BA.....	112286	9S5111000AA.....	113962
92AB11000CB.....	111131	95VW10300ABA.....	111988	97VW11000BB.....	112286	A78SX10346AA.....	110911
92AB11000DA.....	111131	95VW10300BAA.....	111353	97VW11000AA.....	111900	AB3910300AD.....	116546
92AB11000FA.....	111131	95VW10300FA.....	111353	98AB10300DB.....	112143	AB3910300AE.....	116546
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92AX11000JA.....	111131	95VW11000DA.....	112166	98AB10300GG.....	111795	AG9T10300CA.....	116296
92DB10346AA.....	110116	95VW11000EA.....	112286	98AB10300GH.....	111795	AG9T10300DA.....	116364
93BB10300FA.....	112151	95VW11000EB.....	112286	98AB10300GJ.....	111795	AG9T10300AA.....	114805
93BB10300FB.....	112151	95VW11000EC.....	112286	98AB10300GK.....	111795	AG9T10300AA.....	116296
93BB10300FC.....	112151	95VW11000GA.....	111900	98AB10300GL.....	111795	AH2210300AB.....	116007
93BB10300FD.....	112151	95VW11000GC.....	111900	98AB10300GM.....	111795	AH2211001AC.....	116286
93BB10300FE.....	112151	95VW11000AA.....	111749	98AB10300HA.....	112142	AH2211001AD.....	116286
93BB10300FF.....	112151	95VW4A286BA.....	112121	98AB10300HE.....	112142	AH2211001AE.....	116286
93BB10300FG.....	112151	96AB10300ADA.....	110107	98AB10300JA.....	112142	AH2211001AF.....	116286
93BB11000AB.....	112235	96AB11000AD.....	112290	98AB10300JB.....	112142	AH2211001AG.....	116286
93BB11000BA.....	112340	96BB10300AB.....	112939	98AB10300JC.....	112142	AH5211001AC.....	115725
93BB11000BB.....	112340	96BB10300BA.....	112939	98AB10300JD.....	112142	AM5T10300SA.....	115606
93BB11000BAA.....	112340	96BB10300BB.....	112939	98AB10300JE.....	112142	AMEF3C11000BA.....	116049
93BB11000CA.....	112235	96BB10300BC.....	112939	98AB10300JF.....	112142	AV6N10300DA.....	115459
93BB11000CB.....	112235	96BB10300BD.....	112939	98AB10300JG.....	112142	AV6N10300DB.....	115459
93BB11000DB.....	112235	96BB10300BE.....	112939	98AB11000AC.....	112290	AV6N10300DC.....	115459
93BB11000HA.....	112235	96BB10300AA.....	112939	98AB11000AD.....	114119	AV6N10300DD.....	115459
93BB11000HB.....	112235	96BB11000A3C.....	112235	98AB11000AD1.....	112290	AV6N10300GB.....	114724
93BB11000HBN.....	112235	96BB11000A4B.....	112235	98AB11000BA.....	111906	AV6N10300GC.....	114724
93BB11000HC.....	112235	96BB11000AB.....	112235	98AB11000BB.....	111906	AV6N10300GD.....	114724
93BB11000JA.....	112340	96BB11000AC.....	112235	98AB11000BC.....	111906	AV6N10300HA.....	114883
93BB11000JB.....	112340	96BB11000AA.....	112235	98AB11000BD.....	111906	AV6N10300MB.....	116393
93BB11000JC.....	112340	96BBBE.....	112939	98AB11000CA.....	111906	AV6N10300MD.....	116393
93BB11000KA.....	111374	96FB10300DA.....	113447	98AB11000CB.....	111906	AV6N11000CA.....	116049
93BB11000KB.....	111374	96FB10300DC.....	113447	98AB11000CC.....	111906	AV6N11000GA.....	116316
93BB11000KC.....	111374	96FB10300DD.....	113447	98AB11000CD.....	111906	AV6N11000GB.....	116316
93BB11000KD.....	111374	96FB10300DE.....	113447	98AB11000AA.....	112290	AV6N11000GC.....	116316
93BB11000AA.....	112235	96FB11000CB.....	111906	98AZ10346EA.....	112958	AV6N11000GD.....	116316
93BBHC.....	112235	96FB11000CC.....	111906	98AZ10346EARM.....	112958	AV6N11000GE.....	116316
93BBJC.....	112340	96FB11000KA.....	111906	98AZ10346EN.....	112958	BB5T11000BA.....	113906
93BBKD.....	111374	96FB11000KB.....	111906	98AZ10346FA.....	112959	BB5Z11002B.....	113906
93FF10300AA.....	112325	96FB11000KC.....	111906	98BB11000AA.....	111374	BF5T11001AA.....	112439
94AX11000AA.....	111131	96FB11000KD.....	111906	98MF10300CA.....	113952	BG9T11000AA.....	113908
94GB10300BB.....	111623	96FB11000LB.....	111906	98MF10300CB.....	113952	BG9T11000AA.....	116062
94GB10300BB.....	115890	96FB11000LC.....	111906	98MF10300CC.....	113952	BJ3210300AC.....	116597
94GB10K359AB.....	111623	96FB11000LD.....	111906	98VB10K359AB.....	111797	BK3210300AD.....	116597
94GB10K359AC.....	111623	96FB11000MA.....	113701	98VB10K359BA.....	111797	BK2T10300BB.....	115461
94GB10K359AO.....	111623	96FB11000MB.....	113701	98VB10K359BB.....	111797	BK3T11000CB.....	116247
94VB10300BA.....	111987	96FB11000MC.....	113701	98VB10K359BC.....	111797	BK3T11000DB.....	116247
94VB10300AA.....	111987	96FB11000MD.....	113701	98VB11000AB.....	112251	BK3T11000FA.....	116516

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BS5110346BA.....	114706	CV6T10300DB.....	115933	D50F11001AA.....	110227	E2SF11001AA.....	110225
BS5110346AA.....	115620	CV6T10300DC.....	115933	D50Z11001AA.....	110227	E2SF11002AA.....	110225
BS5111000BA.....	115400	CV6T11000AB.....	116266	D60F11001AA.....	110227	E2SZ11002A.....	110225
BS5111000CA.....	113962	CV6T11000GA.....	115555	D60F11002A.....	110227	E37F11001A.....	112963
BS5111000AA.....	115312	CV6T11000GB.....	115555	D60F11002AA.....	110227	E37F11001AA.....	112963
BV6N10300AA.....	115959	CV6T11000GC.....	115555	D6DZ11002B.....	110227	E3TF11000AA.....	112267
C20F11001A.....	110227	CV6T11000GD.....	115555	D6FF11001BA.....	110231	E3TF11001AA.....	112267
C20F11001D.....	110227	CV6T11000GE.....	115555	D6FF11001AA.....	110231	E3TU11000AA.....	112267
C20F11001E.....	110227	CV6T11000GF.....	115555	D6FF1100BA.....	110231	E3TZ11002B.....	112267
C20Z11001A.....	110227	CV6T11000AA.....	116266	D6OF11001AA.....	110227	E3TZ11002D.....	112963
C20Z11002A.....	110227	D0AF11001B.....	110227	D6OZ11002A.....	110227	E3TZ11002E.....	112016
C20F11001A.....	110227	D0HF10300D.....	110237	D6PZ11350C.....	110535	E47F10001AA.....	112016
C20F11001A.....	111224	D0HF10300DA.....	110237	D76AB11000AA.....	110831	E4B511000AA.....	116266
C20F11001B.....	110227	D0NN11000A.....	110462	D7AF10300BA.....	110237	E4DF11001AA.....	112963
C20F11001C.....	110227	D0NN11000A.....	116137	D7AF10300CA.....	110237	E4NN10B376AB.....	111740
C20F11001D.....	110227	D0NN11000B.....	110462	D7AF10300DA.....	110237	E4NN10B376AA.....	111740
C20F11001D.....	111224	D0NN11000B.....	116137	D7AF10300EA.....	110237	E4TZ11002B.....	112267
C20F11001E.....	110227	D0SF10300A.....	110237	D7AF10300FA.....	110237	E4TZ11002BRM.....	112267
C20Z11002A.....	110227	D0ZF11001A.....	110227	D7AF10300GA.....	110237	E5TF11000AA.....	112267
C20Z11002B.....	110227	D12F11001AB.....	110230	D7AF10300HA.....	110237	E5TZ11002B.....	112267
C2VF11002A.....	110227	D12F11001AA.....	110230	D7AF10300HC.....	110237	E6HT11001CA.....	112089
C30F11001A.....	110227	D1AF11001A.....	110228	D7AF10300KA.....	110237	E6HZ11002C.....	112089
C30F11001B.....	110227	D1AF11001AA.....	110228	D7AF10300LA.....	110237	E6HZ11002D.....	112089
C30Z11002B.....	110227	D1AZ11002A.....	110228	D7AF10300AA.....	110237	E6NN10B376BA.....	111289
C30F11001A.....	110227	D1FF11001A.....	110230	D7AZ10346A.....	110237	E6SF10300EA.....	110237
C30F11001B.....	111224	D1FF11001AA.....	110230	D7AZ10346B.....	110237	E7NN10B376AB.....	111740
C30Z11002A.....	110227	D1FZ11002A.....	110230	D7NN11000B.....	110462	E7NN10B376BA.....	111740
C40F11001A.....	110227	D1NN11000A.....	110462	D7NN11000B.....	116137	E7NN10B376BB.....	111740
C40F11001B.....	110227	D1NN11000A.....	116137	D7OZ11002A.....	110225	E7NN10B376AA.....	111740
C40F11001A.....	110227	D2000E10346A.....	111185	D80F11001AA.....	110225	E7RY11002A.....	110842
C4ZF11001A.....	110227	D20F10300CA.....	110237	D8BF10346A.....	110237	E7SU11000AA.....	111183
C5TF11001B.....	110227	D20F10300CB.....	110237	D8BF10346AA.....	110237	E8HT11001AA.....	112089
C5TZ11002C.....	112089	D20F10300DB.....	110237	D8BZ10346AA.....	110237	E8HZ11002A.....	112089
C6NF11000A.....	110462	D20F10300EB.....	110237	D8FF11001A.....	110231	E8HZ11002HA.....	112089
C6NF11000A.....	116137	D22F10300BA.....	110237	D8FF11001BA.....	110231	E8RY11002A.....	110842
C6TF11000A.....	112089	D22F11001A.....	110230	D8FF11001AA.....	110231	E8TF11000AA.....	112267
C6TF11000C.....	112089	D22F11001AB.....	110230	D8NN11000BA.....	110462	E8TZ11000AA.....	112267
C6TZ11002E.....	112089	D22F11001AA.....	110230	D8NN11000CA.....	110462	E8TZ11002A.....	112267
C7AF11001B.....	110227	D2AF11001A16C.....	110228	D8NN11000CA.....	116137	E92Z11002A.....	110810
C7NN10000C.....	110484	D2AF11001CA.....	110227	D8NN11000CB.....	110462	E98F11000BA.....	111183
C7NN11000A.....	110462	D2AF11001HA.....	110227	D8NN11000CB.....	116137	E98F11000AA.....	111183
C7NN11000A.....	116137	D2AF11001JA.....	110228	D8NN11000CE.....	110462	E9SF11000AB.....	111183
C7NN11000B.....	110462	D2AF11001AA.....	110228	D8NN11000CE.....	116137	E9SFBA.....	110385
C7NN11000B.....	116137	D2BT10300AA.....	115456	D8NN11000AA.....	110462	EGL1314.....	112002
C9JF11350A.....	110535	D2FF11001AB.....	110230	D8OF11001AA.....	110225	EGL1314.....	115483
C9ZF11001A.....	110227	D2FF11001AA.....	110230	D8RZ11002A.....	111131	EJ3210300AC.....	116408
C9ZF11001A.....	111224	D2NN11000B.....	110462	D8ZF10300BA.....	110237	EJ3211001AB.....	116246
CC1T10300BA.....	115461	D2NN11000B.....	116137	D8ZF10300CA.....	110237	EJ3211001AC.....	116246
CC1T10300BA.....	116061	D2OF11001AA.....	110227	D8ZF10300AA.....	110237	EJ3211001AD.....	116246
CC1T10300BB.....	115461	D2SF10300A.....	110237	D924F10K359AB.....	111623	F02Z11002B.....	110810
CC1T10300BB.....	116061	D2SF10300AB.....	110237	D94F10300AA.....	110237	F07U11000BA.....	111844
CC1T10300BC.....	115461	D2SF10300AA.....	110237	D954F10K359AB.....	110607	F0NN10B376AB.....	111739
CC1T10300BC.....	116061	D2ZF10300AB.....	110237	D954F10K359AA.....	110607	F0NN10B376BB.....	112718
CC1T10300BD.....	115461	D2ZF10300AC.....	110237	D9BZ10346A.....	110237	F0NN10B376CA.....	112718
CC1T10300BD.....	116061	D2ZF11001AA.....	110227	D9NN11000AA.....	110462	F0NN11000BA.....	112074
CC1T10300CA.....	115576	D30F10300DA.....	110237	D9NN11000AA.....	116137	F0NN11000CA.....	112074
CC1T10300CB.....	115576	D30F10300FA.....	110237	D9SF10300AA.....	110237	F0NN7H022BA.....	113968
CC1T10300CC.....	115576	D32F10300BA.....	110237	D9UF10300BA.....	110237	F0TZ11002B.....	111844
CC1T10300CD.....	115576	D40F10300A.....	110237	D9UF10300DA.....	110237	F12Z11002A.....	110810
CC1T11000AB.....	113959	D40F10300AA.....	110237	D9VY10346A.....	110237	F17U11000AB.....	113222
CC1T11000BA.....	115732	D40Z11002A.....	110227	D9ZF10300AA.....	110237	F1NN11000AA.....	113968
CC1T11000BB.....	115732	D42F10300B.....	110237	DG9T11000AB.....	113906	F1TZ11002A.....	113222
CC1T11000DA.....	115986	D42F10300BA.....	110237	DG9T11000AA.....	113906	F2NN10B376AA.....	112718
CC1T11000DB.....	115986	D42F10300EA.....	110237	DS7T10300FA.....	116382	F3HT10300BA.....	112993
CC1T11000DC.....	115986	D42F10300FA.....	110237	DS7T10300FC.....	116382	F3HT10300CA.....	112993
CC1T11000DD.....	115986	D42F11001AB.....	110230	DS7T10300KC.....	116595	F3HT10300HB.....	112993
CC1T11000EA.....	116065	D42F11001BA.....	110230	DS7T10300KD.....	116595	F3HT10300AA.....	112993
CC1T11000EB.....	116065	D42F11001AA.....	110230	DS7T11000GA.....	113276	F3HZ10346H.....	112993
CC1T11000EC.....	116065	D47Z10346A.....	110133	DS7T11000LD.....	116268	F3RZ11002A.....	112235
CC1T11000ED.....	116065	D4NN11000B.....	110462	DS7T11000LE.....	116268	F3RZ11002B.....	112340
CC1T11000AA.....	113959	D4NN11000B.....	116137	DV94GB10K359AC.....	111623	F3RZ11002C.....	111374
CC1Z10346A.....	115576	D4OZ11002A.....	110227	E1AF11001BA.....	110225	F3TU11000AA.....	112267
CPLA10300BD.....	116639	D4OZ11002A.....	111224	E1AF11002B.....	110225	F4HT10300DA.....	112993
CPLA-10300BD.....	116639	D50F11001BA.....	110227	E1AF11131BA.....	110225	F4HT10300EA.....	112993
CPLA10300BE.....	116639	D50F11001AA.....	110227	E1AZ11002B.....	110225	F4HT10300FA.....	112993
CPLA-10300BE.....	116639	D5AF10300BA.....	110237	E1EF10300HA.....	110237	F4HT10300KA.....	112993
CV2T11000AB.....	116421	D5AF10300AA.....	110237	E1FF11001BA.....	110231	F4PU10346BA.....	112993
CV2T11000AC.....	116421	D5AF11001EA.....	110228	E1GF10300DA.....	110237	F5HZ10346A.....	112993
CV2T11000AA.....	116421	D5AZ11002C.....	110228	E27F10300BA.....	110237	F5OU10300FA.....	112942
CV6T10300BC.....	115456	D5FF11001AA.....	110227	E2BF11001AA.....	112963	F5OU10300FB.....	112942
CV6T10300BE.....	115456	D5OF11001BA.....	110227	E2BZ11002A.....	112963	F5OU10300FC.....	112942

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FORD Continued							
F5OY10346A.....	112942	GL407.....	112947	R86AX10300ADA.....	111364	R95AB10300DB.....	112680
F5PU10346BA.....	112939	GL412.....	112949	R86AX10300DB.....	110770	R95FB11000BD.....	113701
F5RU10300BA.....	112939	GL412RM.....	112949	R86AX10300MB.....	110891	R95FF10300AC.....	112325
F5RU10300BB.....	112939	GL416.....	112939	R86AX10300AAA.....	111176	R95FF10300AA.....	112325
F5RU10300BC.....	112939	GL423.....	112946	R86FB10300DC.....	113447	R95GB10300MA.....	112698
F5RU10316AA.....	112151	GL423RM.....	112946	R86GB11000CA.....	111131	R95GB10300MB.....	112698
F5RU10346BA.....	112939	GL424.....	112954	R86GB11000EA.....	111131	R95VW10300ABA.....	111988
F5RU10346BC.....	112939	GL424RM.....	112954	R86GB11000GA.....	111131	R95VW10300NA.....	111477
F5RZ10346B.....	112939	GL426.....	112956	R86GB11000JA.....	111131	R95VW10300PA.....	111988
F5RZ10346BB.....	112939	GL426RM.....	112956	R86GB11000JB.....	111131	R95VW10300SA.....	113885
F5RZ10346BC.....	112939	GL434.....	112942	R86GB11000KA.....	111131	R95VW11000AC1.....	112005
F65U10300EA.....	112940	GL434RM.....	112942	R86GB11000AA.....	111131	R95VW11000CC.....	111900
F6OU10300AB.....	112942	GL455.....	112959	R87GB11000CB.....	111131	R95VW11000DA.....	112166
F6OU10300AA.....	112942	GL455RM.....	112959	R87GB11000AA.....	111131	R96BB10300BA.....	112939
F6OY10346AA.....	112942	GL456.....	112958	R87VX10300AB.....	111368	R96BB10300BA1.....	112939
F6PU10300SA.....	112298	GL456RM.....	112958	R894FX10300BA.....	110607	R96FB10300DC.....	113447
F6PU10346SA.....	112298	GL462.....	112958	R89AB11000CA.....	112290	R96FB10300DD.....	113447
F6PZ10346RA.....	112940	GL462RM.....	112958	R89AB11000AA.....	112290	R96FB11000CC.....	111906
F6RU10300AA.....	112939	GL463.....	112961	R89AX10300EA.....	111289	R96FB11000KC.....	111906
F6RZ10346BB.....	112939	GL481.....	112939	R89FB10300DC.....	113447	R96FB11000KD.....	111906
F6VU11000AA.....	112646	GLE105A.....	110133	R89FB11000BA.....	110336	R96FB11000KD1.....	111906
F75U11000AB.....	112646	IS7U11000AB.....	112821	R89FB11000BA.....	111131	R96FB11000LC.....	111906
F75U11000AC.....	112646	IS7U11000AB.....	115870	R89FB11000CA.....	110713	R96FB11000LD.....	111906
F75U11000AA.....	112646	IS7U11000AC.....	112821	R89FB11000CA.....	111131	R97AB10300AD.....	112121
F75UAC.....	110358	IS7U11000AC.....	115870	R89FB11000CA.....	112016	R97AB10300AE.....	112121
F75Z11002A.....	112646	IS7U11000AD.....	112821	R89FB11000AA.....	110336	R97AB10300AE1.....	112121
F75Z11002AA.....	112646	IS7U11000AD.....	115870	R89FB11000AA.....	111131	R97BB10300BB1.....	112151
F77U10300AB.....	112946	IS7U11000AE.....	112821	R89FF10300EB.....	111176	R97KB11000AB.....	113701
F77U10300AD.....	112946	IS7U11000AE.....	115870	R89FF10300EC.....	111176	R97KB11000AC.....	113701
F77Z10346AB.....	112946	IS7U11000AF.....	112821	R89FF10300GA.....	111356	R97KB11000AC1.....	113701
F7LU11000BA.....	112646	IS7U11000AF.....	115870	R89FX10300BA.....	110607	R98AB10300DE1.....	112143
F7LU11000AA.....	112646	M5T10300BD.....	112142	R89FX10300GB.....	111356	R98AB10300GB.....	111795
F7LZ11002B.....	112646	NAD50027.....	113959	R91AB11000AB.....	111131	R98AB10300GG1.....	113978
F7LZ11002BA.....	112646	NNN500210.....	112439	R91AB11000FA.....	112290	R98AB10300JC.....	112142
F7PU11000EA.....	112603	R1C1T10300AF.....	113298	R91AB11000HA.....	110867	R98AB10300JC1.....	112142
F7PU11000KA.....	111844	R1M5T10300BD.....	112142	R91AB11000HA.....	111131	R98AB11000AC.....	112290
F7PZ11002EA.....	112603	R2S7T11000DB.....	112821	R91AB11000HA.....	112290	R98AB11000AD.....	112290
F7PZ11002KA.....	111844	R2S7T11000DB.....	115870	R91AB11000HA.....	114119	R98VB11000B1A.....	112251
F7RU11000AA.....	111730	R6ZCC.....	113849	R91AB11000JA.....	111131	RE2T1U10300CG.....	113710
F7SU11000A1B.....	111183	R6ZCC.....	116294	R91AB11000JB.....	111131	RE3M5T10300YD.....	113849
F7SU11000A2B.....	111183	R71BB10346E.....	111086	R91AB11000KA.....	110336	RE3M5T10300YD.....	116294
F7SU11000AB.....	111183	R71BB10346EA.....	111086	R91AB11000KA.....	111131	RE4M5T10300UD.....	113849
F7SU11000AA.....	111183	R71BB10346FA.....	110759	R91AB11000KB.....	110336	RE4M5T10300UD.....	116294
F7SZ11002AA.....	111183	R71BB10346NA.....	111086	R91AB11000KB.....	111131	RM3M5T10300PD.....	113922
F7UU10300AB.....	112940	R72GB10346NA.....	111289	R91AB11000AA.....	111131	RM4M5T10300KB.....	114250
F7UU10300AA.....	112940	R73AB11000BA.....	110336	R91AX11000AB.....	111131	RMAB39-11000AA.....	116645
F81U10300EB.....	112949	R755F11000BB.....	110461	R91AX11000HB.....	111131	RV87VG10300AB.....	111368
F81U11000AB.....	112608	R75AB11000B2A.....	110336	R91AX11000HB1.....	112290	RV87VX10300AB.....	111368
F81U11000AC.....	112608	R76AB11000AA.....	110336	R91AX11000JB.....	111131	RV946B10300BB.....	111623
F81U11000AD.....	112608	R76BB10346GA.....	110759	R91AX11000JB1.....	111131	RV94GB10300BB.....	111623
F81U11000AE.....	112608	R76BB10346KC.....	111086	R91AX11000KB.....	111131	RV94GB10300BB.....	115890
F81U11000AA.....	112608	R78BB11000AA.....	110336	R91AX11000KB1.....	111680	RYC1U11000AF.....	112821
F81Z10346EA.....	112949	R78FB10346AC.....	110178	R91BB11000JA.....	111131	RYC1U11000AF.....	115870
F81Z11002A.....	112608	R80BB10346FA.....	111086	R91FF10300JA.....	112325	SA531.....	110227
F81Z11002AA.....	112608	R81DB10346BA.....	111146	R91GX11000AB.....	110842	SA630.....	110227
F87U11000A1A.....	112600	R81DB10346BB.....	111146	R924F10300AA.....	111623	SA660.....	110227
F87U11000A1B.....	112600	R81DB10346EA.....	111146	R924X10300AB.....	111623	SA660A.....	110227
F87U11000AA.....	112600	R82DB10346AA.....	110116	R924X10300AB.....	115890	SA709.....	110227
F87Z11002AA.....	112600	R82DB11000EA.....	113380	R924X10300AA.....	111623	SA709A.....	110225
F8AU10300AB.....	112947	R82GB11000CA.....	110336	R924X10300AA.....	115890	SA709B.....	110225
F8AU10300AC.....	112947	R835F11000AC.....	112251	R92AB10300DC.....	111176	SA732.....	112963
F8AU10300AD.....	112947	R835F11000BB.....	112251	R92AB10300DD.....	111176	SA733.....	110225
F8AZ10346AB.....	112947	R835X11000AC.....	112251	R92AB10300GC.....	110891	SA739.....	112267
F8OZ10346CA.....	112942	R835X11000AC1.....	110461	R92AB10300JA.....	110891	SA746.....	112016
F8RU10300BA.....	114120	R83AB11000AB.....	110867	R92AB11000FB.....	111131	SA768A.....	112089
F8RU11000AA.....	113702	R83BB10346DC.....	111289	R92AB11000HA.....	112290	SA776.....	111844
F8RU11131CA.....	113702	R83BB11000CA.....	110336	R92AB11000HB.....	112290	SA785.....	113222
F8ZU10300AA.....	112993	R83BX10300DC.....	111289	R92AX11000HB.....	111131	SA813.....	112235
FL1WA.....	113908	R84BB10346AB.....	111086	R92AX11000HB1.....	110867	SA814.....	112340
FONN11000CA.....	112074	R84BX10300AB.....	111364	R92AX11000JA.....	111131	SA815.....	111374
FS5111000BA.....	115400	R85BB10346CA.....	111289	R92AX11000JB.....	111131	SA838.....	112646
FS5111000AA.....	115312	R86AB10346MA.....	110891	R93BB10300FB.....	112151	SA841.....	111183
G4X2A.....	111362	R86AB11000A1A.....	112290	R93BB11000AB.....	112235	SA842.....	112646
GL332.....	112993	R86AB11000A2A.....	112290	R93BB11000AC.....	112235	SA849.....	112646
GL347.....	112939	R86AB11000BA.....	111131	R93BB11000BB.....	112340	SA853.....	111844
GL358.....	112993	R86AB11000CA.....	111131	R93BB11000JB.....	112340	SA855.....	112603
GL363.....	112946	R86AB11000DA.....	111131	R93BB11000JC.....	112340	SA857.....	112600
GL372.....	112940	R86AB11000EA.....	111131	R93BB11000KC.....	111374	SA873.....	112608
GL384.....	112942	R86AB11000HA.....	111131	R93BB11000KD.....	111374	SA885.....	112603
GL385.....	112939	R86AB11000JA.....	111131	R954F10300AA.....	111742	SA898.....	111374
GL406.....	112942	R86AX10300AB.....	111362	R954F10K359AA.....	111623	SAE762.....	110842

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
SAE770	110810	YC1U11000AG	112821	HARLEY DAVIDSON		CA1139IR	111478
SAE781	110810	YC1U11000AG	115870	29975-65C	111919	CA1141IR	113758
SAE792	110810	YC1U11000AA	112821	29978-77A	111919	CA1143IR	113885
SBA185046320	113562	YC1U11000AA	115870	31618-06	116078	CA1148IR	111886
SBA185086410	111300	YC3U11000AA	112608			CA1150IR	111788
SBA185086500	111300	YM2110300CA	113884	HATTAT TARIM		CA1152IR	111318
SBA185086530	113696	YM2110300AA	112002	9HT12010A6A	114388	CA1153IR	113537
SBA185086551	112177	YM2111000BA	112429			CA1154IR	111505
SBA185086650	112177	YM2111000BB	112429	HATZ		CA1155IR	111893
U88VG10K359AA	110607	YM2111000EA	114174	40000600	112249	CA1157IR	111498
V701M10300BA	113376	YM2111000GA	115523	40000610	111304	CA1159IR	113536
V76VB10300BA	111086	YS1610300CC	113599	40000700	112173	CA1160IR	111413
V83AB10300AA	111289	YS4D10300AB	115762	40000810	115324	CA1189IR	113939
V87VG10300AB	111368	YS4D10300AC	115762	40000900	112173	CA1192IR	111397
V87VG10300AE	111368	YS4D10300AE	115762	40000901	115472	CA1193IR	111295
V87VG10300AA	111368	YS4D10300AF	115762	40074300	110766	CA1197IR	111888
V87VX10300AB	111368	YS4D10300AG	115762	40099300	111649	CA1198IR	111843
V88VG10K359AA	110607	YS4D10300AH	115762	40101400	114398	CA1199IR	111568
V89AB10300AA	111176	YS4U11000AB	111906	50183500	115472	CA1203IR	111532
V94GB10300BB	111623	YS4U11000AD	111906	50195300	114398	CA1206IR	111850
V94GB10300AA	111623	YS4U11000BA	111906	50195400	114398	CA1209IR	111890
V94GB10K359AB	111623	YS4U11000BB	111906	50195600	111649	CA1217IR	112121
V94GB10K359AC	1115890	YS4U11000DA	112235	50316400	112034	CA1220IR	111689
V94GB10K359AD	111623	YS4U11000DB	112235	50316401	112034	CA1223IR	113942
V94GB10K359AD	115890	YS4U11000DC	112235	50353420	112040	CA1228IR	111899
XF2U10300BC	112956	YS4U11000DD	112235	50353510	114106	CA1229IR	111898
XF2U10300BD	112956	YS6110300CA	113599	50353511	114106	CA1236IR	111833
XF2U10300BE	112956	YS6110300CB	113599	50366500	112098	CA1237IR	111842
XF2Z10346BA	112956	YS6110300CC	113599	50366600	110766	CA1240IR	111820
XL2U10300AA	112946	YS8Z11002AA	111374	50495900	116458	CA1242IR	112098
XL2Z10346AA	112946	ZBC911023	110865	50495901	113982	CA1247IR	113868
XM3410300BA	112352			50495902	116458	CA1248IR	113770
XM3410300AA	112352	FUJIAN		50495903	113982	CA1253IR	112165
XM3411002CA	113702	A6361510202	114093	50495904	116458	CA1256IR	111873
XM3411002AA	113702	A6361510301	115770	50496200	114677	CA1257IR	111824
XR3U10300AB	112954			50496201	114677	CA1258IR	111802
XR3U10300AC	112954	GENERAL MOTOR		50496700	112034	CA1260IR	111828
XR3U10300AA	112954	12578050	112902	50497201	114117	CA1261IR	111289
XR3Z10346AA	112954	13500577	114779	000050648800	115472	CA1297IR	111884
XR8310300BA	115789	13500582	114728	50648800	115472	CA1298IR	113577
XR8310300BC	115789	13579663	114728	50483501	114276	CA1299IR	111883
XS7110300FE	112961	13579666	114779	50483501	114276	CA129IR	110912
XS7U11000AB	112821	24406133	113276	50495900	116458	CA1300IR	111902
XS7U11000AB	115870	25183761	115571	50495901	113982	CA1303IR	111719
XS7U11000AE	112821	25383761	115571	50495902	113982	CA1304IR	111718
XS7U11000AE	115870	30005226	111310	50495903	116458	CA1305IR	111723
XS7U11000C3A	112235	30005563	111310	50495904	116458	CA1306IR	111722
XS7U11000C4A	112235	88864992	114740	50496200	114677	CA1310IR	111720
XS7U11000CB	112235	94855154	111984	50496201	114677	CA1316IR	112939
XS7U11000CC	112235	96058456	110394	50496700	112034	CA1317IR	111797
XS9110300AB	112939	96064782	110394	50497201	114117	CA1318IR	111756
XW7U10300AA	112942	R1030105	112057	000050648800	115472	CA1321R	110112
XW7Z10346AA	112942			504835001103	114276	CA1330IR	111740
Y8SZ11002AA	111374	GREAT WALL				CA1335IR	111978
YC1T10300BB	113285	SMD172860	110811	CA1031IR	111742	CA1336IR	111987
YC1T10300BC	113285			CA1034IR	112151	CA1337IR	112021
YC1T10300BD	113285	HAKO		CA1035IR	112159	CA1340IR	111795
YC1T10300BE	113285	90158007	111649	CA1036IR	112679	CA1342IR	111967
YC1T10300BG	113285	90215948	112098	CA1037IR	112680	CA1343IR	111937
YC1T10300BH	113285			CA1038IR	112287	CA1350IR	115476
YC1T10300BJ	113285	HALLA		CA1039IR	112681	CA1361R	110360
YC1U10300BB	113285	HAB111100	111406	CA1043IR	113485	CA1378IR	111989
YC1U10300BC	113913	HAB160102	111342	CA1044IR	111369	CA1378IR	115482
YC1U10300DA	113285	HAB175120	110802	CA1045IR	111732	CA1379IR	112718
YC1U10300DB	113285	HAB175200	111309	CA1048IR	111226	CA1387IR	111948
YC1U10300DC	113285	HAB180101	111317	CA1049IR	111631	CA1390IR	111943
YC1U10300DE	113285	HAB190120	110804	CA1050IR	111569	CA1391IR	111990
YC1U10300EA	113913	HAB190140	111405	CA1052IR	113604	CA1394IR	112002
YC1U10300EB	113913	HAD155500	110706	CA1053IR	111426	CA1394IR	115483
YC1U10300EC	113913	HAD165500	110806	CA1056IR	112557	CA1396IR	111846
YC1U11000AB	112821	HAD165504	111339	CA1057IR	112530	CA1398IR	111946
YC1U11000AB	115870	HAD165504	111339	CA1062IR	112529	CA139IR	110913
YC1U11000AD	112821	HSC107100	110158	CA1064IR	112687	CA1400IR	111947
YC1U11000AE	112821	HSC108100	110807	CA1065IR	112688	CA1402IR	112043
YC1U11000AE	115870	HSC109120	110958	CA1068IR	113531	CA140IR	111653
YC1U11000AF	112821	HSG120500	110809	CA1082IR	111216	CA1433IR	112046
YC1U11000AF	115870	HSG232500	110576	CA1083IR	112325	CA1434IR	112057
		HSP112110	110811	CA1084IR	111416	CA1435IR	112719
		HSP112160	111307	CA1085IR	112698	CA1436IR	112075
				CA1086IR	112298	CA1438IR	112076
				CA1087IR	113447	CA1439IR	112072
				CA1089IR	111988		
				CA1090IR	113442		
				CA1098IR	112703		
				CA1103IR	111514		
				CA112	110743		

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HC-PARTS <i>Continued</i>							
CA1442IR	112058	CA1635IR	113708	CA1780IR	114129	CA1904IR	114720
CA1443IR	112078	CA1636IR	113298	CA1781IR	113950	CA1905IR	113896
CA1444IR	112059	CA1637IR	113403	CA1782IR	113992	CA1906IR	114495
CA1445IR	113754	CA1638IR	113709	CA17H	110178	CA1907IR	115416
CA1446IR	112079	CA1639IR	113285	CA17V	110179	CA1908IR	115905
CA1446IR	114789	CA163IR	111139	CA1810IR	115370	CA1909IR	115846
CA1455IR	110622	CA1640IR	112648	CA1811IR	114722	CA190IR	110759
CA1456IR	112189	CA1642IR	113404	CA1812IR	114296	CA1910IR	114831
CA1457IR	110497	CA1643IR	113247	CA1812IR	115489	CA1911IR	115856
CA1459IR	110968	CA1644IR	113275	CA1814IR	113919	CA1912IR	114109
CA1470IR	112144	CA1645IR	113248	CA1817IR	114769	CA1913IR	114705
CA1471IR	112190	CA1646IR	113503	CA1818IR	115621	CA1913IR	115490
CA1472IR	112191	CA1652IR	112457	CA1820IR	113947	CA1914IR	115541
CA1473IR	112720	CA1656IR	113835	CA1823IR	113945	CA1917IR	114089
CA1474IR	113952	CA1658IR	113265	CA1824IR	114122	CA1917IR	115495
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CA1477IR	112194	CA1663IR	113289	CA1827IR	113837	CA1919IR	114898
CA1480IR	112196	CA1664IR	113283	CA1828IR	114656	CA1920IR	114859
CA1480IR	115987	CA1665IR	113246	CA1831IR	113949	CA1922IR	114064
CA1481IR	112197	CA1666IR	113351	CA1833IR	114431	CA1923IR	115417
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CA1484IR	112199	CA1671IR	113350	CA1834IR	116294	CA1926IR	114065
CA1487IR	112202	CA1672IR	113349	CA1835IR	114684	CA1927IR	114857
CA1488IR	112203	CA1673IR	113272	CA1837IR	114765	CA1928IR	113958
CA1489IR	113889	CA1674IR	113755	CA1838IR	113772	CA1928IR	115499
CA1490IR	113879	CA1675IR	113253	CA1839IR	114120	CA1929IR	114750
CA1491IR	113489	CA1676IR	114147	CA1840IR	115383	CA1930IR	114291
CA1493IR	112062	CA1677IR	113771	CA1842IR	115800	CA1931IR	114083
CA1493IR	116453	CA1678IR	113252	CA1844IR	114899	CA1933IR	113862
CA1494IR	112722	CA1680IR	113251	CA1846IR	113951	CA1934IR	114451
CA1496IR	113603	CA1681IR	113246	CA1847IR	114008	CA1935IR	115308
CA1498IR	113405	CA1683IR	113273	CA1849IR	114669	CA1936IR	115857
CA1499IR	113575	CA1684IR	113280	CA1850IR	113948	CA1937IR	114408
CA1500IR	113486	CA1685IR	112578	CA1851IR	114028	CA1938IR	113863
CA1501IR	113879	CA1687IR	113246	CA1851IR	115493	CA1939IR	114314
CA1502IR	113340	CA1689IR	113300	CA1852IR	116042	CA1939IR	116514
CA1504IR	112273	CA1693IR	115617	CA1854IR	114701	CA1940IR	114492
CA1505IR	113448	CA1693IR	115618	CA1855IR	113720	CA1941IR	114250
CA1505IR	116585	CA1694IR	113284	CA1856IR	113721	CA1942IR	114667
CA1509IR	112460	CA1694IR	115491	CA1857IR	113710	CA1943IR	114245
CA1512IR	113887	CA1695IR	113295	CA1858IR	116468	CA1946IR	114803
CA1540IR	112396	CA1696IR	113338	CA1859IR	113953	CA1947IR	114809
CA1541IR	112397	CA1698IR	113336	CA1860IR	114463	CA1949IR	114099
CA1542IR	112274	CA1699IR	113188	CA1861IR	115709	CA1950IR	114010
CA1546IR	112399	CA1699IR	115484	CA1862IR	113722	CA1952IR	114284
CA1550IR	112237	CA1700IR	113279	CA1862IR	115963	CA1953IR	114524
CA1553IR	112461	CA1701IR	113274	CA1863IR	114353	CA1953IR	116295
CA1556IR	112406	CA1729IR	113874	CA1864IR	113978	CA1954IR	114811
CA1557IR	112407	CA1732IR	113301	CA1865IR	113922	CA1955IR	114895
CA1558IR	113943	CA1734IR	112384	CA1866IR	114131	CA1956IR	114409
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CA1560IR	116587	CA1739IR	115557	CA1867IR	114200	CA1958IR	114704
CA1564IR	112480	CA1740IR	113352	CA1868IR	115658	CA1959IR	114509
CA1569IR	112413	CA1741IR	115438	CA1869IR	114258	CA1960IR	115306
CA1572IR	112458	CA1742IR	113535	CA186IR	111141	CA1961IR	116199
CA1576IR	112414	CA1746IR	113510	CA1870IR	114007	CA1962IR	115601
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CA1584IR	112468	CA1752IR	113877	CA1871IR	115492	CA1965IR	114390
CA1585IR	112418	CA1756IR	113407	CA1872IR	113302	CA1966IR	114810
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CA1587IR	113888	CA1758IR	115543	CA1874IR	114699	CA1968IR	115434
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CA1589IR	112469	CA175IR	111071	CA1876IR	114354	CA1969IR	115874
CA1591IR	112193	CA1760IR	113599	CA1877IR	114700	CA1970IR	116441
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CA1593IR	116654	CA1762IR	113940	CA187IR	110113	CA1973IR	115843
CA1621IR	112470	CA1763IR	113884	CA1880IR	114753	CA1974IR	114721
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CA1624IR	112424	CA1765IR	115619	CA1881IR	114673	CA1976IR	115549
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CA1626IR	112387	CA1768IR	115310	CA1883IR	115488	CA1978IR	114090
CA1627IR	112471	CA1769IR	116172	CA1884IR	113955	CA1979IR	114842
CA1629IR	112556	CA1773IR	114781	CA1885IR	114204	CA1980IR	114208
CA1629IR	116454	CA1774IR	113871	CA1886IR	114462	CA1981IR	115661
CA1630IR	112425	CA1774IR	115867	CA1887IR	115382	CA1982IR	115307
CA1631IR	112472	CA1775IR	116463	CA1888IR	114391	CA1983IR	115550
CA1632IR	112426	CA1776IR	114836	CA1889IR	114311	CA1984IR	113899
CA1633IR	112427	CA1777IR	113912	CA1890IR	113904	CA1985IR	114884
CA1633IR	115871	CA1778IR	114128	CA18H	111185	CA1986IR	114322
CA1634IR	112428	CA1779IR	113913	CA18V	111184	CA1987IR	114754

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CA1989IR	114804	CA2082IR	113993	CA306IR	111364	CA813IR	110931
CA1991IR	115305	CA2083IR	114214	CA307IR	111078	CA824IR	111629
CA1992IR	114780	CA2084IR	115453	CA312IR	113574	CA825IR	112299
CA1993IR	115659	CA2085IR	114244	CA314IR	110889	CA827IR	111353
CA1994IR	114088	CA2086IR	115651	CA316IR	110890	CA829IR	111676
CA1994IR	115487	CA2087IR	114752	CA317IR	112728	CA836IR	112772
CA1995IR	113996	CA2089IR	114082	CA318IR	112729	CA844IR	112799
CA1997IR	114528	CA2089IR	116043	CA319IR	111287	CA845IR	112800
CA1997IR	115496	CA2090IR	114306	CA321IR	110923	CA847IR	113632
CA1998IR	115615	CA2091IR	114866	CA325IR	110891	CA851IR	113471
CA1999IR	114248	CA2092	113803	CA326IR	111419	CA853IR	112803
CA2000IR	115365	CA2093IR	115762	CA333IR	110895	CA854IR	113920
CA2001IR	115412	CA2094IR	115647	CA334IR	110116	CA855IR	112806
CA2003IR	115411	CA2095IR	114385	CA335IR	112734	CA857IR	113477
CA2004IR	114881	CA2096IR	115620	CA340IR	112736	CA858IR	111658
CA2005IR	114202	CA2097IR	115657	CA341IR	110766	CA861IR	112229
CA2006IR	114771	CA2098IR	114879	CA345IR	111093	CA871R	110358
CA2007IR	115367	CA2101IR	115921	CA350IR	111036	CA889IR	111803
CA2008IR	115369	CA2102IR	114290	CA355IR	111686	CA890IR	111411
CA2009IR	115904	CA2104IR	111847	CA359IR	111841	CA893IR	111687
CA2010IR	114665	CA2107IR	115868	CA366IR	112742	CA906IR	111154
CA2011IR	115433	CA2108IR	114042	CA375IR	111082	CA907IR	111746
CA2013IR	115760	CA2109	115368	CA376IR	111288	CA93IR	111096
CA2014	114865	CA2110IR	114707	CA380IR	112162	CA94IR	111086
CA2015IR	115371	CA2110IR	115474	CA381IR	112746	CA99IR	113376
CA2016IR	114749	CA2111IR	114880	CA500IR	111528	CG19	111225
CA2017IR	114512	CA2112IR	114229	CA501IR	112747	CG50	110482
CA2018IR	115409	CA2113IR	115544	CA506IR	111620	CG52	110483
CA2019IR	114508	CA2114IR	114844	CA516IR	112056	CG58	110484
CA2020IR	114467	CA2115IR	114287	CA517IR	111169	CS1031	110539
CA2021	114011	CA2117IR	114036	CA518IR	112345	CS1032	110819
CA2022IR	115790	CA2118IR	115765	CA520IR	111094	CS1035	111047
CA2023IR	115366	CA2119IR	115975	CA520IR	112149	CS1036	111490
CA2024IR	114040	CA2120IR	115410	CA521IR	112750	CS1037	113752
CA2026IR	114247	CA2121IR	115632	CA522IR	110105	CS1038	111585
CA2027IR	115863	CA2122IR	114827	CA535IR	111319	CS1042	111685
CA2028IR	115708	CA2123IR	114257	CA549IR	112756	CS1044	111851
CA2029IR	114410	CA2124IR	115654	CA550IR	112757	CS1045	113430
CA2030IR	115475	CA2125IR	114897	CA560IR	111176	CS1047	112236
CA2031IR	114848	CA2126IR	114694	CA561IR	111356	CS1048	111908
CA2032IR	114666	CA2127IR	115827	CA564IR	111355	CS1050	111906
CA2033IR	115364	CA2128IR	115815	CA568IR	110906	CS1057	111641
CA2034IR	113883	CA2129	116011	CA569IR	112453	CS1058	112340
CA2036IR	114490	CA212IR	112097	CA574IR	111321	CS106	112660
CA2037IR	114680	CA2132IR	115384	CA582IR	111738	CS1061	111910
CA2038IR	114102	CA2133IR	115587	CA595IR	112288	CS1062	111909
CA2039IR	114861	CA2136IR	115730	CA600IR	110770	CS1062	115504
CA2040IR	113923	CA2137IR	115707	CA602IR	113500	CS1063	111823
CA2040IR	115879	CA2138IR	116226	CA603IR	113469	CS1067	111911
CA2041IR	114292	CA2141IR	114779	CA610IR	112765	CS1069	111885
CA2042	115795	CA2142IR	114728	CA611IR	110607	CS1071	111724
CA2043IR	115766	CA2143IR	115675	CA616IR	111662	CS1077	111771
CA2044IR	114883	CA2144IR	115931	CA618IR	110619	CS109	110439
CA2045IR	114510	CA2180IR	115346	CA627IR	112238	CS1106	111334
CA2046IR	114249	CA2181IR	114847	CA629IR	111366	CS1107	112235
CA2047IR	114158	CA2182IR	115811	CA631IR	112768	CS1109	112026
CA2048IR	114494	CA2183IR	116009	CA635IR	112769	CS1111	111994
CA2049IR	114493	CA2184IR	114303	CA637IR	112292	CS1112	114523
CA2050IR	115429	CA2185IR	115519	CA638IR	112230	CS1114	111995
CA2051IR	115860	CA2186IR	114826	CA639IR	114026	CS1115	112014
CA2053IR	115413	CA2188IR	115712	CA642IR	111418	CS1117	111931
CA2054IR	115653	CA2189IR	115603	CA642IR	115873	CS1118	111996
CA2055IR	114835	CA2190IR	115528	CA649IR	111325	CS1119	112005
CA2057IR	115419	CA2191IR	115705	CA650IR	111368	CS1123	111793
CA2058IR	114039	CA2192IR	115396	CA702IR	113470	CS1126	112074
CA2059IR	115551	CA227IR	111834	CA705IR	110163	CS113	110775
CA2060IR	115664	CA22H	113474	CA712IR	112780	CS1130	112071
CA2061IR	115665	CA238IR	110881	CA715IR	112782	CS114	110536
CA2062IR	113987	CA240IR	111146	CA719IR	111623	CS115	110858
CA2063IR	115672	CA242IR	110919	CA719IR	115890	CS1160	112103
CA2064IR	115764	CA252IR	111035	CA721	111331	CS1165	112221
CA2065IR	115714	CA254IR	111148	CA722IR	112784	CS1169	112224
CA2069IR	113969	CA255IR	110882	CA724IR	111354	CS1171	113446
CA2070IR	114706	CA263IR	111149	CA725IR	111363	CS1172	112220
CA2071	114839	CA264IR	111168	CA733IR	111352	CS1174	112218
CA2072IR	114876	CA290IR	113378	CA734IR	111649	CS1175	112301
CA2072IR	116309	CA291IR	111075	CA736IR	111477	CS1176	113677
CA2073IR	115789	CA294IR	111076	CA740IR	111479	CS1177	111070
CA2077IR	114023	CA295IR	110348	CA743IR	110127	CS1179	113761
CA2078IR	115836	CA300IR	111153	CA76IR	110641	CS1180	114233

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HC-PARTS <i>Continued</i>							
CS1181	112429	CS1332	113897	CS1436	113819	CS1531	114661
CS1182	112304	CS1333	113608	CS1437	115394	CS1533	115612
CS1184	112041	CS1334	113843	CS1438	114298	CS1534	115729
CS1185	111855	CS1336	113910	CS1439	113964	CS1535	115400
CS1186	115442	CS1337	114174	CS1440	114316	CS1536	114196
CS1187	112430	CS1339	114837	CS1441	114778	CS1537	115405
CS1188	112431	CS1340	112040	CS1442	114180	CS1538	115948
CS1192	112382	CS1341	113908	CS1443	114047	CS1539	114761
CS1193	112474	CS1342	113926	CS1444	114061	CS1540	115426
CS1197	112435	CS1344	113929	CS1445	114295	CS1541	115390
CS1198	112436	CS1345	114035	CS1446	114732	CS1542	115839
CS120	110524	CS1346	113719	CS1448	114853	CS1543	115773
CS1200	112438	CS1346	115869	CS1449	114054	CS1548	114758
CS1201	112439	CS1347	113773	CS1449	115516	CS1549	115644
CS1202	112440	CS1348	113676	CS1450	114886	CS1550	115439
CS1203	112441	CS1348	115883	CS1451	114310	CS1550	115876
CS1203	115505	CS1376	115609	CS1451	115888	CS1551	115440
CS1204	112388	CS1377	113911	CS1452	114487	CS1552	114833
CS1205	112442	CS1378	114723	CS1453	114068	CS1573	115875
CS1206	115951	CS1379	113962	CS1454	114283	CS1575	115555
CS1207	112475	CS1380	113934	CS1455	113629	CS1578	115830
CS1208	112443	CS1381	111982	CS1456	115637	CS1579	115725
CS1209	112444	CS1382	113760	CS1457	115627	CS1580	115829
CS121	110212	CS1383	112822	CS1458	114389	CS1581	115727
CS1210	111849	CS1383	115880	CS1460	114217	CS1582	115629
CS1213	112445	CS1385	114095	CS1461	115360	CS1583	114031
CS1213	116336	CS1386	113672	CS1462	114892	CS1584	115638
CS1241	114051	CS1386	115881	CS1463	113851	CS1585	115593
CS1242	113662	CS1387	114171	CS1463	115885	CS1585	115887
CS1243	112446	CS1388	113830	CS1464	113466	CS1586	114742
CS1243	116135	CS1388	115884	CS1465	114443	CS18	111102
CS1245	112821	CS1389	113935	CS1466	114689	CS181	110831
CS1245	115870	CS1389	115501	CS1467	115335	CS186	110525
CS1246	113794	CS139	110352	CS1468	115642	CS188	110368
CS1248	113277	CS1390	115523	CS1469	115639	CS19	111103
CS1249	113282	CS1391	114030	CS1470	115611	CS191	110206
CS1252	113930	CS1392	114096	CS1471	112534	CS194	110512
CS1253	113281	CS1393	114062	CS1472	114872	CS198	110210
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CS1256	113292	CS1397	114173	CS1474	111638	CS230	110814
CS1257	113276	CS1398	114315	CS1476	114255	CS231	110517
CS1258	111699	CS1399	113891	CS1480	115376	CS232	110521
CS126	111100	CS1399	115509	CS1481	114237	CS240	110529
CS1260	113254	CS140	111054	CS1482	113977	CS268	110862
CS1264	113931	CS1400	113859	CS1486	114069	CS269	111640
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CS1267	113759	CS1405	113678	CS1490	115524	CS282	111010
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CS1269	113609	CS1406	114091	CS1492	113020	CS295	111060
CS1271	113303	CS1407	113963	CS1493	115599	CS297	110865
CS1273	113927	CS1408	114092	CS1495	114193	CS298	111061
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CS1275	113905	CS1410	114093	CS1496	114733	CS315	110866
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CS1276	113932	CS1411	114094	CS1497	114100	CS322	110839
CS1279	113979	CS1412	114740	CS1498	115784	CS326	110587
CS1280	113353	CS1413	114297	CS1500	114240	CS327	111347
CS1282	113515	CS1414	114178	CS1505	115336	CS328	110842
CS1283	113513	CS1415	114074	CS1506	114660	CS331	111065
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CS1286	113509	CS1417	113960	CS1508	115402	CS336	110465
CS1288	114161	CS1418	115341	CS1511	114029	CS337	110461
CS1289	114162	CS1419	115398	CS1512	115311	CS338	112541
CS1290	115354	CS1420	114073	CS1514	112494	CS341	110867
CS1291	114124	CS1420	115511	CS1515	115312	CS345	113380
CS1292	112823	CS1421	113959	CS1516	115448	CS347	111112
CS1292	115872	CS1421	115510	CS1517	114821	CS350	112537
CS1293	113842	CS1422	113860	CS1518	114849	CS352	111066
CS1293	115508	CS1423	114177	CS1521	114690	CS356	110844
CS1294	114163	CS1424	114232	CS1522	115626	CS358	111069
CS1322	114175	CS1425	114057	CS1523	114851	CS361	111115
CS1323	113841	CS1427	115327	CS1524	115728	CS370	113134
CS1324	114176	CS1428	114058	CS1525	114299	CS371	111025
CS1325	113673	CS1430	115641	CS1526	114183	CS372	110847
CS1326	114126	CS1431	114159	CS1527	114305	CS374	111619
CS1328	114127	CS1432	113984	CS1528	114871	CS377	111400
CS1329	113933	CS1433	114820	CS1529	115556	CS378	112533
CS1330	114034	CS1434	114145	CS1529	115886	CS383	110534
CS1331	112055	CS1435	114317	CS1530	114001	CS384	110535

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CS386	111120	CS796	111422	JA1424IR	114386	JA188IR	110965
CS388	111637	CS798	111214	JA1427IR	112210	JA1891IR	114206
CS389	111489	CS801	113387	JA142IR	110496	JA1892IR	114012
CS390	110584	CS804	111004	JA1430IR	112332	JA1893IR	114041
CS391	115623	CS805	111003	JA148IR	110805	JA1895IR	115441
CS394	110518	CS807	111015	JA1513IR	113785	JA1896IR	114112
CS395	111755	CS808	111097	JA1516IR	113383	JA1897IR	114841
CS398	113467	CS879	111848	JA1517IR	114231	JA1898	114358
CS500	115540	CS880	112307	JA1518IR	112333	JA1899IR	113956
CS501	113464	CS881	112119	JA151IR	110318	JA1900IR	114121
CS502	110582	CS885	112053	JA1520IR	112349	JA1901IR	113941
CS503	111752	CS886	111508	JA1521IR	112271	JA1902	115786
CS506	110208	CS887	112555	JA1522IR	112327	JA1903IR	115855
CS508	113845	CS888	116571	JA1523IR	112328	JA193	114288
CS510	113846	CS889	111574	JA1525IR	113786	JA198IR	110458
CS511	112135	CS90	110365	JA1526IR	112272	JA551IR	111048
CS515	112172	CS94	110856	JA1528IR	112351	JA551IR	113921
CS516	114118	CS944	110545	JA1530IR	112352	JA552IR	110682
CS519	111123	CS946	110442	JA1533IR	112355	JA565IR	110694
CS526	110213	CS949	110464	JA1534IR	112356	JA577IR	110699
CS530	110523	CS955	111218	JA1535IR	112357	JA653IR	110632
CS535	111127	CS961	111374	JA1536IR	112358	JA657IR	111428
CS542	111029	CS962	112116	JA1539IR	112334	JA660IR	110700
CS543	110354	CS97	110527	JA158IR	110307	JA661IR	110697
CS544	110207	CS971	113701	JA1594IR	112359	JA662IR	110707
CS550	111332	CS973	113451	JA1595IR	115791	JA671IR	110802
CS564	110532	CS974	111900	JA1596IR	115864	JA672IR	111614
CS566	111130	CS974	115503	JA1600IR	114114	JA674IR	111339
CS572	110813	CS975	112124	JA1602IR	113787	JA677IR	111747
CS576	113389	CS976	113674	JA1603IR	112394	JA678IR	112093
CS581	110584	CS977	112251	JA1604IR	112363	JA682IR	111279
CS588	113745	CS981	111420	JA1605IR	113296	JA684IR	110804
CS589	111865	CS984	113446	JA1607IR	113317	JA689IR	110659
CS590	110441	CS986	111680	JA1609IR	113306	JA697IR	110679
CS592	111131	CS988	111904	JA160IR	110374	JA753IR	111578
CS594	114460	CS989	111399	JA1611IR	113440	JA755IR	111317
CS595	113468	CS99	110205	JA1612IR	113322	JA756IR	111361
CS597	113677	CS991	111404	JA1613IR	114273	JA761IR	111267
CS598	112167	CS994	111346	JA1614IR	113291	JA764IR	111610
CS599	112052	CS995	111304	JA1615IR	113324	JA769IR	111294
CS601	112131	CS997	110440	JA1616IR	111830	JA772IR	111609
CS604	110545	DC1011	110060	JA1618IR	113343	JA775IR	111240
CS608	113466	JA100	110128	JA161IR	111705	JA777	111483
CS610	113346	JA104IR	110168	JA1702IR	113788	JA780IR	111316
CS611	112454	JA105IR	110264	JA1703IR	114361	JA787IR	110540
CS612	112321	JA1117IR	112086	JA1704IR	113634	JA792IR	110564
CS613	112290	JA1119IR	111598	JA1705	113348	JA795IR	110136
CS617	110981	JA1134IR	111468	JA1707	113235	JA798IR	110967
CS618	111748	JA1162IR	111812	JA1708IR	113328	JA799IR	114203
CS619	111749	JA1166IR	111507	JA1709IR	113331	JA805IR	111342
CS62	110363	JA1169IR	110959	JA1710IR	114300	JA863IR	111186
CS620	112166	JA116IR	112270	JA1711IR	113330	JA864IR	111215
CS623	112136	JA1170IR	111018	JA1712IR	113316	JA867IR	112329
CS624	111694	JA1172IR	111515	JA1715IR	113518	JA868IR	111280
CS680	112818	JA1178IR	111518	JA1717IR	113519	JA872	111042
CS681	111251	JA1179IR	111872	JA1718IR	113517	JA873IR	112228
CS682	110522	JA118	110258	JA171IR	110385	JA878IR	111238
CS683	113847	JA1180IR	111806	JA1721IR	114115	JA879IR	111309
CS684	112295	JA1182IR	111704	JA1724IR	115415	JA880IR	111437
CS685	111750	JA1183IR	111594	JA1725IR	114877	JA881IR	111605
CS688	111231	JA1184IR	112129	JA1726IR	114272	JA882IR	111538
CS689	111693	JA1188IR	111807	JA1727IR	113954	JA884IR	110134
CS693	110443	JA1271IR	112128	JA1783IR	114227	JA970IR	110629
CS694	110449	JA1283	111384	JA1785IR	113656	JA971IR	110620
CS695	110450	JA1290IR	111767	JA1789IR	113657	JA972IR	111344
CS699	110980	JA1293IR	111779	JA1790IR	113697	JA974IR	110631
CS700	110566	JA130	110137	JA1792IR	114186	JA976IR	111579
CS703	111737	JA131	110138	JA1793IR	115660	JA981IR	111517
CS705	110818	JA1356IR	111950	JA1795IR	112506	JA982	111484
CS707	114181	JA1364IR	111980	JA1795IR	113903	JA986IR	113793
CS713	112286	JA1367IR	111963	JA1796IR	114024	JA989IR	111601
CS718	111001	JA1370IR	111831	JA1798IR	113791	JA990IR	111381
CS725	112309	JA1375IR	111956	JA1800IR	114006	JA994IR	111405
CS726	112132	JA1376IR	111626	JA1803IR	114215	JA995IR	111406
CS76	110772	JA1409	112067	JA1804IR	113792	JS1000	110808
CS78	110336	JA1410IR	112063	JA1806IR	114489	JS1005	111525
CS784	113481	JA1417IR	112102	JA1808IR	114201	JS1006	111349
CS788	113750	JA1418IR	112101	JA1809IR	114005	JS1009	111272
CS789	112286	JA1419IR	112205	JA180IR	110706	JS1014	110947
CS792	112553	JA141IR	110628	JA185IR	110701	JS1021	111679
CS795	113381	JA1421IR	112207	JA187IR	110567	JS1023	113665

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HC-PARTS <i>Continued</i>							
JS1087	110616	JS336	110154	UA1620IR	112160	LR1100-502G	112271
JS1088	111874	JS340	110156	UA916	110075	LR1100-502H	112271
JS1089	112336	JS343	110155	UA923IR	110986	LR1100-502I	112271
JS1090	113936	JS344	110809	UA927	110237	LR1100-502J	112271
JS1091	111690	JS349	110315	UA933IR	110985	LR1100-502K	112271
JS1094	111728	JS350	110158	UA934IR	110487	LR1100-502L	112271
JS1096	111730	JS359	110386	UA935IR	110488	LR1100-502M	112271
JS1098	114885	JS362	110292	UA938IR	110499	LR1100-502MD	112271
JS1102	111300	JS365	110389	UA939IR	110500	LR1100-502N	112271
JS1105	111984	JS370	110160	UA943IR	110505	LR1100-503	113941
JS1135	112006	JS380	110394	UA945IR	110508	LR1100-503A	113941
JS1136	111970	JS383	110396	UA947IR	110724	LR1100-503B	113941
JS1139	111971	JS385	110397	UA953IR	110984	LR1100-503C	113941
JS1140	111912	JS387	110402	UA960	111193	LR1100-503D	113941
JS1145	111706	JS392	110708	UA964IR	111220	LR1100-503E	113941
JS1146	112215	JS394	111475	US1028	111844	LR1100-503F	113941
JS1147	112217	JS396	110479	US1240	111786	LR1100-504	112271
JS1149	113361	JS512	111310	US827	110347	LR1100-504A	112271
JS1150	112214	JS522	110719	US833	110469	LR1100-504B	112271
JS1153	112300	JS539	110575	US835	110472	LR1100-504C	112271
JS1154	113757	JS540	111558	US843	110590	LR1100-504D	112271
JS1155	113938	JS552	111683	US844	110602	LR1100-504E	112271
JS1158	112320	JS553	110576	US845	112267	LR1100-504F	112271
JS1159	112365	JS560	110713	US851	110634	LR1100-505	112271
JS1214	111805	JS568	114318	US857	111760	LR1100-505A	112271
JS1218	112367	JS627	111608	US858	111034	LR1100-505B	112271
JS1219	112368	JS628	110811	US863	110999	LR1100-505C	112271
JS1221	112370	JS630	111561	US864	111000	LR1100-505D	112271
JS1222	111224	JS632	111544	US969	111277	LR1100-505E	112271
JS1223	114889	JS633	110807	US970	112341	LR1100-507	113956
JS1224	113314	JS637	110810	HELSELMAN			
JS1226	113267	JS639	111559	12M1TP13	111092	LR1100-507A	113956
JS1227	113445	JS642	111387	12MB11M	111092	LR1100-507B	113956
JS1229	114502	JS643	110958	12MB11TWA	111092	LR1100-507C	113956
JS1234	113329	JS645	111442	12MB12M	111092	LR1100-507D	113956
JS1235	113319	JS650	111445	12MB12TWA	111092	LR1100-507E	113956
JS1236	113271	JS651	111136	12MB12CWA	111092	LR1100-508	113956
JS1239	110485	JS658	111241	12MB1TWA	111092	LR1100-508A	113956
JS1295	113323	JS660	110574	12MB1TWA	111092	LR1100-508B	113956
JS1296	114059	JS666	110581	12MB1TWA	111092	LR1100-508C	113956
JS1298	113327	JS669	110411	24M1TP13	111091	LR1100-508D	113956
JS1299	113313	JS670	111451	24MB1TWA	111091	LR1100-508E	113956
JS1303	112322	JS671	111552	24MB21M	111091	LR1100-508F	113956
JS1304	113521	JS672	111303	24MB21TWA	111091	LR1100-703	111381
JS1305	115522	JS673	110421	24MB22M	111091	LR1100-703B	111381
JS1306	114763	JS674	110182	24MB22TWA	111091	LR1100-711	111381
JS1307	114199	JS679	110412	HINO			
JS1308	114125	JS729	110417	27040-1151	114414	LR1100-711B	111381
JS1310	114060	JS730	110447	28100-1670	111224	LR1100-724	113440
JS1311	113659	JS731	113924	28100-2624	114436	LR1100-724B	113440
JS1313	113638	JS733	110490	28100-2624C	114436	LR1100-724C	113440
JS1314	113928	JS734	110720	28100-2625	114436	LR1100-725	111381
JS1316	116644	JS737	110552	28100-2625A	114436	LR1100-725B	111381
JS1317	113795	JS748	110723	28100-E0350	114436	LR1100-725C	111381
JS1318	116565	JS751	111452	HITACHI			
JS1319	115349	JS755	110142	1018294-01	113148	LR1110-502	114121
JS1320	115950	JS759	111312	23300-6J02	113191	LR1110-502A	114121
JS1321	113965	JS766	111459	23300-6J04	113191	LR1110-502B	114121
JS1349	113796	JS769	111461	G113-01A	111919	LR1110-502C	114121
JS1350	113601	JS770	111476	GSB107-01	113144	LR1110-502D	114121
JS1352	113702	JS776	110820	GSB107-01A	113144	LR1110-502E	114121
JS1353	115554	JS777	111913	GSB107-04A	113144	LR1110-502F	114121
JS1354	113195	JS778	111098	GSB107-04C	113144	LR1110-503	114121
JS1355	113937	JS779	111108	GSB107-06B	113147	LR1110-503A	114121
JS1356	112373	JS892	111565	GSB107-06F	113145	LR1110-503B	114121
JS1358	114071	JS895	110933	GSB107-10B	113146	LR1110-503C	114121
JS1359	114108	JS896	110938	GSB107-10C	113146	LR1110-503D	114121
JS1360	114816	JS897	110940	LR1100-501	111831	LR1110-503E	114121
JS1361	115553	JS908	111021	LR1100-501B	111831	LR1110-503F	114121
JS1362	114056	JS909	111087	LR1100-502	112271	LR1110-705	111381
JS1363	114037	JS912	111463	LR1100-502A	112271	LR1110-705B	111381
JS1364	115362	JS915	113668	LR1100-502B	112271	LR1110-705C	111381
JS1365	113797	JS918	111455	LR1100-502C	112271	LR1110-705E	111381
JS1367	115361	JS923	111307	LR1100-502D	112271	LR1110-705F	111381
JS1368	115328	JS924	111382	LR1100-502E	112271	LR1110-709	111381
JS1369	114216	JS925	113040	LR1100-502F	112271	LR1110-709B	111381
JS311	110249	JS939	111485	UA1538IR	111712	LR1110-710	111381
JS316	110260	JS941	111534				
JS325	110149	JS942	111492				
JS329	110256	JS999	112083				
JS335	110152						

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LR1110-710F	111381	LR150-101	110168	LR150-715	115432	LR160-450	110706
LR1110-713	113316	LR150-101B	110168	LR150-715A	115432	LR160-502	114802
LR1110-713B	113316	LR150-110	110267	LR150-78	111267	LR160-502B	114802
LR1110-713C	113316	LR150-110C	110267	LR150-78B	111267	LR160-502C	114802
LR1110-713V	113316	LR150-125	110168	LR150-78C	111267	LR160-502E	114802
LR1110-717	113316	LR150-125B	110168	LR150-78E	111267	LR160-503	114458
LR1110-717B	113316	LR150-136	110697	LR150-98	110168	LR160-503E	114458
LR1110-720	111381	LR150-136B	110697	LR150-98B	110168	LR160-728	113383
LR1110-723	111381	LR150-136C	110697	LR150-98E	110168	LR160-728B	113383
LR1110-723B	111381	LR150-136E	110697	LR150-99	110168	LR160-728C	113383
LR1110-723C	111381	LR150-155	110697	LR150-99B	110168	LR160-728E	113383
LR1110-723E	111381	LR150-155B	110697	LR155-15	110267	LR160-728F	113383
LR1120-701	112002	LR150-165	110134	LR155-15B	110267	LR160-734	112673
LR1130-702	113993	LR150-177	110168	LR155-15C	110267	LR160-734B	112673
LR1130-702B	113993	LR150-189	111364	LR155-16	110706	LR160-735B	112671
LR1130-702C	113993	LR150-190	110107	LR155-17	110267	LR160-74	110307
LR1130-702E	113993	LR150-191	110107	LR155-18	110267	LR160-741	114672
LR1150-706	114301	LR150-201	110697	LR155-20	113793	LR160-743	114209
LR1150-706B	114301	LR150-201B	110697	LR155-20B	113793	LR160-77	110307
LR120-15C	112270	LR150-205	110697	LR155-25	110267	LR160-78	110307
LR120-23	113347	LR150-205B	110697	LR155-29	113793	LR160-78B	110307
LR135-105	112270	LR150-31	110168	LR155-404	110699	LR160-82	110458
LR135-107	110264	LR150-35	110168	LR155-406B	110699	LR160-82B	110458
LR135-108	110264	LR150-36	110168	LR155-407	110699	LR160-84	110458
LR135-115	112270	LR150-407	110699	LR155-407B	110699	LR160-84B	110458
LR135-116	112270	LR150-410	110699	LR155-407C	110699	LR165-707	110632
LR135-118	112270	LR150-410B	110699	LR155-407CA	110699	LR165-707B	110632
LR135-124	112270	LR150-410C	110699	LR155-407F	110699	LR165-708	110631
LR135-126	112270	LR150-410CA	110699	LR155-407G	110699	LR165-708B	110631
LR135-127	112270	LR150-410F	110699	LR155-409	110699	LR165-708C	110631
LR135-128	112270	LR150-410G	110699	LR155-410	110699	LR165-708E	110631
LR135-132	110264	LR150-419	110699	LR155-410B	110699	LR165-711	111704
LR135-133	110264	LR150-419B	110699	LR155-410BA	110699	LR165-711B	111704
LR135-58	112270	LR150-419BA	110699	LR155-410F	110699	LR165-714	113697
LR135-58B	112270	LR150-419F	110699	LR155-410G	110699	LR170-407	112093
LR135-61	110264	LR150-419G	110699	LR155-414	110699	LR170-407B	112093
LR135-61B	110264	LR150-421	111267	LR155-414B	110512	LR170-407E	112093
LR135-70	110264	LR150-421C	111267	LR155-414B	110699	LR170-407S	112093
LR135-70B	110264	LR150-425	112086	LR155-414B	110706	LR170-407T	112093
LR135-74	112270	LR150-425B	112086	LR155-414F	110699	LR170-408	112093
LR135-74B	112270	LR150-428	110700	LR155-414G	110699	LR170-408B	112093
LR135-86	112270	LR150-428C	110700	LR160-105	110307	LR170-408C	112093
LR135-86B	112270	LR150-428E	110700	LR160-109C	110307	LR170-408S	112093
LR135-86C	112270	LR150-428S	110700	LR160-116	110307	LR170-408T	112093
LR135-86F	112270	LR150-428T	110700	LR160-120	110307	LR170-412	112093
LR135-91	112270	LR150-430	110701	LR160-121	110307	LR170-412S	112093
LR135-95	112270	LR150-430C	110701	LR160-124	110307	LR170-412T	112093
LR135-95B	112270	LR150-430S	110701	LR160-12B	110260	LR170-413	112093
LR138-01	110264	LR150-430T	110701	LR160-137	110267	LR170-417	111294
LR140-119	110694	LR150-434	111267	LR160-138	110267	LR170-417B	111294
LR140-119C	110694	LR150-434B	111267	LR160-412	110706	LR170-417C	111294
LR140-128	110385	LR150-435	110701	LR160-412B	110706	LR170-417D	111294
LR140-130	110694	LR150-435S	110701	LR160-412F	110706	LR170-417E	111294
LR140-130B	110694	LR150-435T	110701	LR160-412G	110706	LR170-417F	111294
LR140-130P	110694	LR150-441	111267	LR160-412S	110706	LR170-420	111186
LR140-132	110264	LR150-441B	111267	LR160-422	110707	LR170-420A	111186
LR140-133	110264	LR150-441C	111267	LR160-422B	110707	LR170-420A	113376
LR140-133	112270	LR150-441E	111267	LR160-426	111316	LR170-420B	111186
LR140-402	110694	LR150-442	111267	LR160-426E	111316	LR170-427	111186
LR140-408	110694	LR150-443S	110700	LR160-426S	111316	LR170-427A	111186
LR140-415	116106	LR150-443T	110700	LR160-426T	111316	LR170-427B	111186
LR140-415B	116106	LR150-444	111267	LR160-427	111316	LR170-427BA	111186
LR140-426	111267	LR150-444B	111267	LR160-427C	111316	LR170-427C	111186
LR140-427	111267	LR150-448	111267	LR160-427S	111316	LR170-502	111294
LR140-433	111267	LR150-448B	111267	LR160-427T	111316	LR170-502B	111294
LR140-433B	111267	LR150-449	111267	LR160-436	111316	LR170-502C	111294
LR140-707	113997	LR150-449B	111267	LR160-436S	111316	LR170-502P	111294
LR140-708	113997	LR150-449C	111267	LR160-436T	111316	LR170-502Q	111294
LR140-708C	113997	LR150-449E	111267	LR160-437	111316	LR170-504	111294
LR140-714	113401	LR150-450B	110699	LR160-437S	111316	LR170-504B	111294
LR140-714B	113401	LR150-453	111267	LR160-437T	111316	LR170-504C	111294
LR140-716	113401	LR150-453B	111267	LR160-44	110458	LR170-505	111515
LR140-719	113401	LR150-50	110168	LR160-440	110706	LR170-505A	111515
LR140-721	113401	LR150-52	110168	LR160-440F	110706	LR170-505B	111515
LR140-721B	113401	LR150-53	110168	LR160-440G	110706	LR170-505C	111515
LR140-721C	113401	LR150-55	110697	LR160-441	110706	LR170-505D	111515
LR140-721D	113401	LR150-55B	110697	LR160-441F	110706	LR170-505E	111515
LR140-721E	113401	LR150-58	110168	LR160-446	112228	LR170-509	112272
LR140-723B	113401	LR150-66	110168	LR160-446B	112228	LR170-509A	112272
LR140-727	113401	LR150-67	110168	LR160-446C	112228	LR170-509B	112272
LR150-100	110168	LR150-714	115432	LR160-446E	112228	LR170-509C	112272

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HITACHI <i>Continued</i>							
LR170-509D	112272	LR220-24	110448	S108-94A	112008	S114-258C	110280
LR170-509E	112272	LR225-403	110567	S114-105	110575	S114-268	110280
LR170-509F	112272	LR225-408	111493	S114-116	110485	S114-268A	110280
LR170-509G	112272	LR225-408B	111493	S114-120	112008	S114-303	111706
LR170-509H	112272	LR225-408C	111493	S114-121	110277	S114-303A	111706
LR170-510B	116495	LR225-408E	111493	S114-121N	110277	S114-319	110278
LR170-511	111515	LR225-409	111493	S114-122	110277	S114-320	110278
LR170-511A	111515	LR225-409B	111493	S114-134	112296	S114-320A	110278
LR170-511B	111515	LR225-409E	111493	S114-146	113924	S114-323	111766
LR170-738	110631	LR225-60	110567	S114-150	110156	S114-323A	111766
LR170-738B	110631	LR225-65	110567	S114-150L	110156	S114-323B	111766
LR170-738C	110631	LR225-65B	110567	S114-151	110156	S114-323C	111766
LR170-738E	110631	LR225-65C	110567	S114-151L	110156	S114-344	110280
LR170-746	111704	LR225-65E	110567	S114-156	110142	S114-348	110277
LR170-746B	111704	LR225-65P	110567	S114-160	110142	S114-348A	110277
LR170-746C	111704	LR225-67	110567	S114-160A	110142	S114-349	113924
LR170-746E	111704	LR225-67B	110567	S114-160B	110142	S114-349A	113924
LR170-746F	111704	LR225-67P	110567	S114-160D	110142	S114-349B	113924
LR170-746G	111704	LR225-84	113418	S114-160E	110142	S114-381	110552
LR170-746H	111704	LR225-84T	113418	S114-160F	110142	S114-385	111098
LR170-746J	111704	LR225-88	112477	S114-160G	110142	S114-396	110249
LR170-746K	111704	LR235-402	111614	S114-160H	110142	S114-396D	110249
LR170-746M	111704	LR235-404	111614	S114-163	110142	S114-414	112478
LR170-748	111704	LR235-404C	111614	S114-163B	110142	S114-414	116115
LR170-748B	111704	LR235-404S	111614	S114-163E	110142	S114-414A	112478
LR170-750	111704	LR235-404T	111614	S114-163F	110142	S114-414A	116115
LR170-750B	111704	LR235-405	111614	S114-164	110156	S114-426	110277
LR170-750C	111704	LR235-405S	111614	S114-164A	110156	S114-443	112373
LR170-756	112351	LR235-405T	111614	S114-172A	110277	S114-443A	112373
LR170-756B	112351	LR250-511	116108	S114-172D	110277	S114-450	110485
LR170-758	111384	LR250-511B	116108	S114-172E	110277	S114-473	111136
LR170-760	112673	LR250-517	114782	S114-173	110277	S114-480	111136
LR170-767B	112673	LR250-707	115630	S114-173B	110277	S114-480A	111136
LR170-768	113697	LR250-707C	115630	S114-173E	110277	S114-480B	111136
LR180-03	112375	LR250-708	115630	S114-173F	110277	S114-482	111586
LR180-03A	112375	LR250-708B	115630	S114-184	110617	S114-483	113924
LR180-03B	112375	LR250-708E	115630	S114-194	112296	S114-483A	113924
LR180-03C	112375	LR280-501	116531	S114-203	112674	S114-501	111010
LR180-501	111767	LR280-506	116531	S114-206	113924	S114-501A	111010
LR180-501B	111767	LR280-508	116531	S114-208	110142	S114-505	111452
LR180-501C	111767	LR280-707	116104	S114-219	112674	S114-505A	111452
LR180-504	111767	LR280-707B	116104	S114-220	114261	S114-520	111459
LR180-513	116107	LR280-707C	116104	S114-221	114261	S114-520A	111459
LR180-513B	116107	LR280-708	116104	S114-221E	114261	S114-520B	111459
LR180-749	113788	LR280-708B	116104	S114-221F	114261	S114-523	111608
LR180-749B	113788	LR280-708C	116104	S114-221G	114261	S114-530	111459
LR180-749C	113788	LT125-06	110128	S114-221H	114261	S114-533	111459
LR180-749E	113788	LT125-06B	110128	S114-221J	114261	S114-534	111459
LR180-762	113317	LT125-65	110128	S114-229	110277	S114-535	111312
LR180-762B	113317	LT130-72	110128	S114-229E	110277	S114-535A	111312
LR180-762C	113317	LT130-72B	110128	S114-229F	110277	S114-55	110142
LR180-763	114262	LT130-75	110128	S114-230	112674	S114-550	110807
LR180-766	112067	LT130-81	110128	S114-230A	112674	S114-550A	110807
LR180-768	113317	LT130-83	110128	S114-231B	110417	S114-553	111059
LR180-769	113317	LT133-03	110128	S114-232	110160	S114-553A	111059
LR180-769B	113317	LT133-04	110128	S114-232A	110160	S114-566	110249
LR180-772	114262	LT133-05	110128	S114-235	110417	S114-569	111312
LR190-511	116021	LT133-05B	110128	S114-235A	110417	S114-569A	111312
LR190-511B	116021	LT135-13	110128	S114-235B	110417	S114-569B	111312
LR190-731	113785	LT135-13B	110128	S114-237	110160	S114-570	111303
LR190-731B	113785	LT135-16	110128	S114-23K	110617	S114-570A	111303
LR190-734	112351	LT135-19	110128	S114-244	113924	S114-570B	111303
LR190-734A	112351	LT135-19B	110128	S114-244A	113924	S114-570C	111303
LR190-734B	112351	LT135-19C	110128	S114-253	110142	S114-606	110249
LR190-734C	112351	LT135-19E	110128	S114-253A	110142	S114-606A	110249
LR190-734D	112351	LT135-20	110128	S114-253B	110142	S114-606C	110249
LR190-734E	112351	LT135-22	110128	S114-254	110280	S114-614	110249
LR190-734F	112351	LT135-24	110128	S114-254A	110280	S114-617	111312
LR190-734G	112351	LT135-26	110128	S114-254B	110280	S114-617A	111312
LR190-734H	112351	LT135-30	110128	S114-254C	110280	S114-625	110417
LR190-743	113563	LT135-35	110128	S114-254D	110280	S114-630	111312
LR190-750	113698	LT135-35A	110128	S114-254F	110280	S114-651	112478
LR190-750B	113698	LT135-35B	110128	S114-257	113924	S114-651A	112478
LR190-752	113787	LT135-35C	110128	S114-257A	113924	S114-653	112373
LR190-752B	113787	LT135-36	110128	S114-257B	113924	S114-653A	112373
LR190-752C	113787	LT135-36C	110128	S114-257C	113924	S114-653B	112373
LR190-752H	113787	LT135-54	110128	S114-257D	113924	S114-655	114739
LR190-763	116105	LT135-69	110128	S114-257G	113924	S114-655A	114739
LR190-768	116105	S108-112	112008	S114-257H	113924	S114-655D	114739
LR190-770C	113787	S108-120	112008	S114-258	110280	S114-656	113680
LR220-23	110448	S108-94	112008	S114-258A	110280	S114-656A	113680

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S114-671A	114867	S114-925A	112320	S13-211	110820	S13-75	110573
S114-750	111459	S114-925B	112320	S13-212	110574	S13-78	112374
S114-758	111303	S114-925C	112320	S13-213	110574	S13-82	110573
S114-766	111459	S114-938	113962	S13-237	111917	S13-82A	110573
S114-766A	111459	S114-943	113962	S13-25	110412	S13-82B	110573
S114-767	111459	S114-943A	113962	S13-250	115523	S13-86	115981
S114-769	111312	S114-947	113962	S13-27	110412	S13-89	110820
S114-769A	111312	S114-947A	113962	S13-27A	110412	S13-89A	110820
S114-769H	111312	S114-948	113962	S13-28	110412	S13-89B	110820
S114-775	111303	S114-949	112382	S13-289	110820	S13-89C	110820
S114-775A	111303	S114-949A	112382	S13-289A	110820	S13-89D	110820
S114-780	111452	S114-954	115361	S13-294	112374	S13-91	111120
S114-800	111459	S114-954B	115361	S13-302	111445	S13-91A	111120
S114-800A	111459	S114-955	115341	S13-302A	111445	S13-92	110719
S114-800B	111459	S114-968	115361	S13-302B	111445	S13-92A	110719
S114-800C	111459	S114-97	110142	S13-305	110575	S13-94	112374
S114-801	111382	S12-19	110386	S13-305A	110575	S13-94A	112374
S114-801A	111382	S12-19C	110386	S13-307A	110574	S14-03	112083
S114-801B	111382	S12-19K	110386	S13-322	112365	S14-102	114874
S114-801C	111382	S12-19KA	110386	S13-326	112365	S14-102A	114874
S114-801D	111382	S12-19KB	110386	S13-327	110574	S14-102B	114874
S114-802A	111459	S12-38	110719	S13-327A	110574	S14-203	111559
S114-806A	111803	S12-47	113408	S13-33	110412	S14-205	110574
S114-808	111690	S12-48	110573	S13-332	112374	S14-205A	110574
S114-808A	111690	S12-58	110573	S13-33A	110412	S14-210	111559
S114-808B	111690	S12-63	110386	S13-33B	110412	S14-210A	111559
S114-808C	111690	S12-63A	110386	S13-34	110719	S14-407A	114875
S114-808D	111690	S12-63B	110386	S13-34A	110719	S14-407C	114875
S114-815	113408	S12-63C	110386	S13-36	110386	S14-410	114526
S114-815A	113408	S12-68	110386	S13-38A	110386	S14-410E	114526
S114-817	113408	S12-68A	110386	S13-38B	110386	S14-410F	114526
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S114-821	114401	S12-68C	110386	S13-40A	112676	S14-412C	114482
S114-821A	114401	S12-68D	110386	S13-407	114213	S14-412D	114482
S114-829	112320	S12-73	110565	S13-407	114253	S14-412E	114482
S114-829A	112320	S12-84	110443	S13-407A	114213	S14-412F	114482
S114-829B	112320	S12-85	110439	S13-407A	114253	S14-413	114232
S114-829C	112320	S12-87	110439	S13-40A	110719	S24-01	113210
S114-829D	112320	S12-89	110820	S13-40B	110719	S24-01B	113210
S114-838A	115992	S12-92	110719	S13-41	116112	S24-01C	113210
S114-839	111452	S13-06	110412	S13-41A	116112	S24-01D	113210
S114-844	114763	S13-06A	110412	S13-41B	116112	S24-03A	110723
S114-844A	114763	S13-101	111445	S13-41C	116112	S24-03B	110723
S114-850	111534	S13-102	111445	S13-41D	116112	S24-03C	110723
S114-850A	111534	S13-104	110719	S13-45	110719	S24-07	111247
S114-850B	111534	S13-105	110575	S13-45A	110719	S24-13	110723
S114-850C	111534	S13-105A	110575	S13-45B	110719	S25-100	110580
S114-850D	111534	S13-106	110574	S13-46A	110719	S25-100A	110580
S114-850E	111534	S13-106A	110574	S13-502	111445	S25-103	110580
S114-851	113976	S13-106B	110574	S13-502A	111445	S25-110	110616
S114-851A	113976	S13-106C	110574	S13-514	112083	S25-110A	110616
S114-869	112320	S13-106E	110574	S13-527	114032	S25-110B	110616
S114-87	110142	S13-107	111805	S13-527A	114032	S25-110C	110616
S114-877	115686	S13-107A	111805	S13-527B	114032	S25-110F	110616
S114-877A	115686	S13-111	110412	S13-550	115523	S25-110G	110616
S114-877B	115686	S13-112	111559	S13-551	114764	S25-110K	110616
S114-877C	115686	S13-112A	111559	S13-551A	114764	S25-110L	110616
S114-87K	110142	S13-114	111559	S13-551C	114764	S25-110M	110616
S114-87M	110142	S13-114A	111559	S13-553	114032	S25-120	110723
S114-883	114281	S13-114B	111559	S13-555	112083	S25-120A	110723
S114-890	111534	S13-120A	110573	S13-555A	112083	S25-121	111247
S114-890A	111534	S13-120B	110573	S13-555B	112083	S25-121A	111247
S114-901	115361	S13-122	112365	S13-556	114032	S25-125	113210
S114-901A	115361	S13-123	110412	S13-556A	114032	S25-125A	113210
S114-901B	115361	S13-124	112374	S13-557	116525	S25-125B	113210
S114-902	115341	S13-126	112365	S13-557A	116525	S25-135	110580
S114-902A	115341	S13-126A	112365	S13-557B	116525	S25-135A	110580
S114-902B	115341	S13-127	111805	S13-558	114747	S25-156	111558
S114-902C	115341	S13-127A	111805	S13-559A	114032	S25-158	113191
S114-902E	115341	S13-127C	111805	S13-559B	114032	S25-158A	113191
S114-903	112382	S13-132	112374	S13-61	110462	S25-158B	113191
S114-903A	112382	S13-136	111683	S13-61	116137	S25-160	113191
S114-905	113962	S13-138	116144	S13-61A	110462	S25-162	110616
S114-906	113962	S13-138A	116144	S13-61A	116137	S25-163	113675
S114-907	113276	S13-160	114098	S13-63	110719	S25-163A	113675
S114-907A	113276	S13-204	112676	S13-68	115981	S25-163B	113675
S114-91	110155	S13-207	112371	S13-68A	115981	S25-163C	113675
S114-91K	110155	S13-207A	112371	S13-68C	115981	S25-163E	113675
S114-922	115341	S13-207C	112371	S13-73	110565	S25-163F	113675
S114-922A	115341	S13-210B	111559	S13-73B	110565	S25-163G	113675
S114-925	112320	S13-210C	111559	S13-74	110565	S25-164	110616

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HITACHI <i>Continued</i>							
S25-164A.....	110616	31100-PM5-X03.....	111578	31200-PE0-901.....	110249	AHGA25.....	112349
S25-168.....	113675	31100-PM5-YA010.....	111578	31200-PE0-902.....	110249	AHGA26.....	112349
S25-168A.....	113675	31100-PM8-A01.....	111578	31200-PE1-670.....	111442	AHGA38.....	112349
S25-171.....	113675	31100-PM8-A010.....	111578	31200-PE1-671.....	111442	AHGA45.....	112349
S25-212.....	110723	31100-PM8-A02.....	111578	31200-PE1-6712.....	111442	AHGA50.....	113954
S25-302.....	113210	31100-PM8-A03.....	111578	31200-PE1-672.....	111442	AHGA51.....	113954
S25-303.....	113210	31100-PW1-G01.....	111578	31200-PE1-673.....	111442	AHGA52.....	114116
S25-303A.....	113210	31100-PWA-004.....	114841	31200-PE1-674.....	111442	AHGA56.....	114841
S25-501.....	113675	31100-R1P-H01.....	116590	31200-PE0-662.....	110249	AHGA64.....	113954
S25-501A.....	113675	31100-R3L-G01.....	116148	31200-PG6-911.....	111442	AHGA67.....	115661
S25-501B.....	113675	31100-RB0-004.....	116218	31200-PG6-9110.....	111442	AHGA69.....	114841
S25-501C.....	113675	31100-RB0-0041.....	116218	31200-PG6-9122M.....	111442	AHGA77.....	116218
S25-505.....	113675	31100-RB0-A024.....	116218	31200-PG6-914.....	111442	CFP29.....	114272
S25-505A.....	113675	31100-RB0-A0243.....	116218	31200-PG6-915.....	111442	CGM25.....	115803
S25-505C.....	113675	31100-RBD-E01.....	114208	31200-PG6-916.....	111442	CHA50.....	111578
S25-505E.....	113675	31100-RBD-E02.....	114208	31200-PLC-T01.....	114816	CHA51.....	111578
S25-505G.....	113675	31100-RFW-G01.....	115983	31200-PLC-T011M.....	114816	CHA57.....	111578
S25-514.....	116315	31100-RFW-G51.....	115983	31200-PLZ-D00.....	112320	CHA84.....	111578
S25-514A.....	116315	31100-RJH-004.....	113954	31200-PM2-J01.....	111442	CHK88.....	111609
S25-514B.....	116315	31100-RL0-G01.....	116437	31200-PM3-005.....	111442	CJK88.....	111609
S25-514C.....	116315	31100-RL0-G51.....	116437	31200-PM3-J02.....	111442	CJN85.....	111609
S25-515A.....	113675	31100-RL0-G61.....	116437	31200-PM3-J021.....	111442	CJN89.....	111609
S25-515B.....	113675	31100-RNA-A01.....	115661	31200-PM3-J03.....	110249	CJS52.....	115865
S25-515C.....	113675	31100-RSH-004.....	114841	31200-PM5-L02.....	110249	CJU82.....	115865
S25-64.....	110616	31100-RSR-E01.....	114208	31200-PM7-005.....	111442	CJU88.....	115865
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S25-64E.....	110616	31100-RTA-023.....	114272	31200-PMH-G01.....	115554	CJV86.....	115865
S25-64F.....	110616	31100-RTA-033.....	114272	31200-PMH-G010M5.....	115554	CSC29.....	114272
S25-75.....	110616	31100-RZP-G01.....	115836	31200-PND-505.....	116559	CSC91.....	114208
S25-75A.....	110616	31100-RAA-A01.....	114272	31200-PND-A01.....	116559	CSD73.....	114272
		31100-RAA-A02.....	114272	31200-PND-A02.....	116559	CSD86.....	114208
		31100-RAA-A04.....	114272	31200-PND-A03.....	116559	CSD89.....	114208
		31100-RAA-A040.....	114272	31200-PND-A04.....	116559	CSF37.....	115836
		31100-RAA-A05.....	114272	31200-PNE-G01.....	115637	CSG26.....	116437
		31100-ZA1-0030.....	112246	31200-PT0-003.....	112214	CSG66.....	116437
		31200-371-005.....	113538	31200-PT0-0031.....	112214	CSJ14.....	115983
		31200-371-505.....	113538	31200-PT0-005.....	112214	CSJ15.....	115983
		31200-463-008.....	113538	31200-PT0-015.....	112214	CSJ54.....	116590
		31200-463-405.....	113538	31200-PT1-P03.....	112214	CSJ65.....	116148
		31200-7W1A-0040.....	114855	31200-PT1-P03.....	112214	DB586.....	112321
		31200-HA0-0682.....	111922	31200-PT1-T03.....	112214	DB5X2.....	112246
		31200-HA0-773.....	111921	31200-PT1-T04.....	112214	DDL9.....	110249
		31200-HA0-774.....	111921	31200-PWA-G01.....	115362	DDVD3.....	110249
		31200-HA6-774.....	111921	31200-PWA-G51.....	115362	DDVDH.....	114816
		31200-HC4-023.....	111921	31200-R1A-G51.....	116426	DDVDT.....	115362
		31200-HM7-003.....	114715	31200-RAD-114.....	116559	DDVDU.....	115362
		31200-HM7-A41.....	114715	31200-RB1-003.....	116256	DDWD8.....	113732
		31200-HM8-003.....	111927	31200-RB1-013.....	116256	DDWDN.....	114375
		31200-HM8-A41.....	111927	31200-RBA-003.....	116470	DFLEA.....	110249
		31200-P01-005.....	111442	31200-RBD-E01.....	115327	DR4U2.....	112214
		31200-P03-005.....	111442	31200-RDB-A01.....	115681	DRK1E.....	111442
		31200-P06-L03.....	110249	31200-RJH-E01.....	115681	DRL13.....	111442
		31200-P12-005.....	112214	31200-RL0-G01.....	115779	DS4R5.....	114389
		31200-P13-005.....	112214	31200-RNA-003.....	114389	DS4RC.....	114389
		31200-P1J-E01.....	112217	31200-RNA-A01.....	114389	DS4RD.....	114389
		31200-P1J-E010.....	112217	31200-RNA-A11.....	114389	DSDEC.....	113629
		31200-P1J-E03.....	112217	31200-RSR-E01.....	115627	DSDH6.....	115637
		31200-P1J-S01.....	112217	31200-RZP-E01.....	114389	DSDHG.....	116470
		31200-P1J-S010.....	112217	31200-RAA-A01.....	113821	DSKE7.....	116470
		31200-P1K-E01.....	111442	31200-RAA-A51.....	113821	DSKEG.....	114389
		31200-P2A-003.....	110249	31200-RAA-A61.....	113821	DSKEQ.....	114389
		31200-P2A-0030.....	110249	31200-Z0A-003.....	114375	DSKET.....	114389
		31200-P3F-J01.....	113629	31200-Z0A-013.....	114375	DSKEW.....	116256
		31200-P44-G01.....	112214	31200-ZA1-0030.....	112246	DU4V6.....	115779
		31200-P45-G0.....	112214	31200-ZE8-8010.....	112246	DX4R4.....	111442
		31200-P45-G01.....	112214	31200-ZF5A-L310.....	115406	MHG016.....	113821
		31200-P45-G11.....	112214	31200-ZF5-L32.....	115406	MHG020.....	115327
		31200-P45-G51.....	111442	31200-ZF5-L320.....	115406	MHG023.....	115327
		31200-P45-S01.....	112214	31200-ZH9-003.....	113723	MHG025.....	115627
		31200-P5M-004.....	112214	31200-ZJ1-004.....	113594	PND3J.....	116559
		31200-P5M-014.....	112214	31200-ZJ1-841.....	113732		
		31200-P5T-G00.....	113928	31200-ZJ4-003.....	113594	HYDRAULFUNKTION	
		31200-P7A-G01.....	110249	31200-ZJ4-831.....	115687	1012.....	111092
		31200-P9M-E00.....	113361	31200-ZJ-842.....	113732	1024.....	111091
		31200-PC0-884.....	110249	31200-ZW1-004.....	114855	1424.....	111466
		31200-PCA-003.....	112214	31200-ZW5-003.....	115525		
		31200-PCO-884.....	110249	31210-ZE1-023.....	113671	HYSTER	
		31200-PDA-E53.....	112217	31210-ZE3-013.....	113231	135125.....	112175
		31200-PE0-003.....	110249	31210-ZE3-023.....	113231	136125.....	112175
		31200-PE0-013.....	110249	31210-ZG3-803.....	115993	326460.....	112175
		31200-PE0-015.....	110249	AHGA03.....	111578		
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90413760.....	112229						
93175795.....	111990						
93177833.....	113265						
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HONDA							
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31100-657-024.....	110138						
31100-MCA-003.....	114116						
31100-MCA-700.....	114116						
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31100-P2E-G02.....	112349						
31100-P2J-004.....	112349						
31100-P3F-E01.....	115865						
31100-P3F-G01.....	115865						
31100-P3F-G52.....	115865						
31100-P7A-G01.....	112349						
31100-PDA-E01.....	116343						
31100-PK2-003.....	111609						
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31100-PK2-004.....	111609						
31100-PK2-0040.....	111609						
31100-PK2-0146.....	111609						
31100-PK3-A0100.....	111609						
31100-PK3-A0110.....	111609						
31100-PK3-A020.....	111609						
31100-PLM-A01.....	113954						
31100-PLM-A02.....	113954						
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31100-PM5-A06.....	111578						
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31100-PM5-A070.....	111578						
31100-PM5-A070M2.....	111578						

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
326875	110182	M41595	110766	5812003381	112270	8970489660	116445
345433	112175	R941520	112747	5812003410	112270	8970489661	116445
388040	110182	U641511	113464	5812003411	112270	8970489662	116445
1313394	111041	V941501	110536	5812003470	110134	8970489663	116445
1457047	112897	V941501	116139	5812003580	113347	8970489672	114260
1469603	111699			5812210540	113347	8970489673	114260
1519632	112083			8104651670	112240	8970489681	114679
1534424	110182	ISEKI		8200084114	114526	8970626410	111767
1556256	114302	62811000072	110573	8911333691	111534	8970655260	113675
1599845	112676	62812000050	111048	8911502030	111534	8970716110	112228
1599869	115320	6281-100-010-1E	111683	8911536690	115752	8970739241	111267
1650426	111699	6281-100-010-2F	111683	8930281980	112083	8970746110	112228
1654059	115352	6281-100-010-2H	111683	8933004180	111490	8970746121	111767
2021166	111273	6281-100-014-0	114860	8941224883	111267	8970958112	113675
3001265	112175	6281-200-015-0	114190	8941224884	111267	8971009261	113675
3003784	110182	6581-200-338	112270	8941337582	112083	8971125490	111559
3049479	112036	6581-200-349	112270	8941337583	112083	8971128650	111683
3137440	112175	ISKRA → MAHLE LETRIKA		8941337584	112083	8971128651	111683
3001265R	112175			8941364000	110573	8971128652	111683
		ISUZU		8941364001	110573	8971131180	111186
HYUNDAI → KIA		811004012	114483	8941365070	110412	8971131181	111186
INTERNATIONAL HARV.		1811001410	110580	8941475492	110820	8971137700	111267
104452A2R	113725	1811001891	110580	8941566720	110679	8971177700	111136
10965R93	112660	1811001910	112649	8941566721	110679	8971185420	110820
1243060H91	110801	1811002390	114346	8941702050	114260	8971203560	112083
125849A1R	112773	1811002463	114346	8941702051	114260	8971298636	111254
125849A1R	112996	1811002531	112649	8941717720	111254	8971333690	111534
146487C91	111713	1811003191	114474	8941717780	112270	8971333691	111534
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1532068C1	112098	1811003241	114474	8942060810	110128	8971338540	111767
1651386C91	112255	1811004013	114483	8942549221	110723	8971347620	112228
1677974C91	112993	1812002493	115994	8943205310	110723	8971347810	112228
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1680859C92	112993	1812005903	113886	8943388471	113212	8971353432	111683
1754386C91	112255	1812006031	115315	8943820590	111267	8971366880	111559
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3055414R92	111752	1812006036	115315	8943863280	111136	8971374781	114185
3055523R92	112135	1812006037	115315	8943876530	112083	8971463383	111559
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3055557R92	111752	5001810100	112270	8944050440	110697	8971502000	111515
3132700R91	111041	5801710983	112823	8944050442	110697	8971502001	111515
3132700R92	111041	5801710983	115872	8944104090	110412	8971502010	111831
3132700R93	111041	5811000180	110580	8944127301	111683	8971502011	111831
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3218239R91	110641	5811001111	110412	8944299772	110820	8971839130	110820
3218544R91	112098	5811001112	110412	8944339120	111559	8971845310	112673
3218577EX	111662	5811001112	110412	8944339121	111559	8971865511	116108
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3218677R91	111752	5811001550	110573	8944489594	111683	8971891122	112272
3218884EX	110766	5811001660	111683	8944532120	110573	8971891123	112272
3218884R91	110766	5811001661	111683	8944545590	111254	8971891124	112272
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3228192R91	112135	5811001663	111683	8944569000	111247	8971891126	112272
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529965R93	112660	5811001691	113428	8944694962	110719	8971891133	112271
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683594C91	110300	5811001860	111683	8944839180	111136	8971891135	112271
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82068C91	110537	5812001631	110137	8970298636	111254	8971891180	112320
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A181873	111888	5812003162	110697	8970377241	111267	8972043260	113563
A187623	111843	5812003163	110697	8970417900	111186	8972047130	114038
A187873	111888	5812003281	112270	8970429970	113132	8972105050	111559
A941505	110512	5812003300	110448	8970429971	113132	8972161861	113675
E41565	110523	5812003350	110448	8970429972	113132	8972202970	114324
		5812003380	112270	8970489650	110573	8972202971	114324
				8970489651	110573	8972202972	114324

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ISUZU <i>Continued</i>							
8972202974	114324	9822007630	110128	2997760	113277	42498717	112441
8972236530	112083	89804287200	114665	2998646	112427	42498718	112498
8972251170	114679	377776393001	113351	4703751	110529	42522593	110116
8972268403	113743	387011787001	113284	4719664	110814	42522616	112098
8972283180	115432	1-81100141-1	110580	4744811	110517	42522641	110523
8972402700	114802	1-81100191-1	112649	4744841	110517	42522653	110523
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8972410210	111515	1-81100338-0	114267	4769910	110890	42522722	112747
8972458502	114458	1-81100338-1	114267	4772683	111686	42522730	110641
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8972542200	114482	1-81200209-0	111051	4780974	110347	42522737	113470
8972542202	114482	1-81200365-0	111051	4782801	110212	42522743	112046
8972553901	112083	1-81200530-3	113886	4786023	114446	42522864	113467
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8973234370	111559	5-81100169-2	113428	4798449	111686	42522960	112747
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8973261801	112271	8-93300270-9	111349	4807376	110522	48922338	112498
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8973515720	114782	8-97073924-0	111267	4833641	111987	50436476	114002
8973515740	116531	8-97073924-1	111267	4841776	110882	51787164	114306
8973551980	113941	8-97074612-0	111767	4842813	110534	55195967	114145
8973551981	113941	8-97134866-0	111767	4892318	113188	69502571	112441
8973551982	113941	8-97189112-2	112272	4892320	114296	69502571	115505
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8973638323	114121	8-97226840-3	113743	8029647	112436	98411970	111686
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8980428730	114512	1179882	112343	42498167	111419	99454112	111987
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8980620410	114324	2995138	115880	42498284	112098	99486046	112823
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8981965850	115683	2995990	112441	42498713	113188	500315943	112427
8982290711	115683	2997383	110213	42498714	112822	500315943	115871
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
500325102.....	110213	551959670.....	113935	JCB		714-36700.....	110552
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500325185.....	113183	1320921080.....	111070	27519.....	110565	714-40090.....	115432
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504109413.....	112427	C2S1396.....	111374	332-C9238.....	115970	AH165975.....	115605
504114396.....	112427	C2S27024.....	112821	333/C5935.....	112534	AL110503.....	111755
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504163666.....	114050	C2S47099.....	112821	714/34500.....	114185	AL111676.....	112062
504193811.....	115608	C2S47099.....	115870	714/35600R.....	112534	AL111676.....	116453
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504349338.....	112427	DBC6923E.....	113745	714-2590.....	112267	AL28516.....	110105
504349338.....	115871	DBC6923N.....	113745	714-26100.....	112722	AL35519.....	110460
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504349348.....	115879	LJA1800AD.....	115748	714-29500.....	111346	AL36100.....	111649
504349350.....	115871	LJA1800AE.....	115748	714-29500R.....	110256	AL3846201.....	112046
504357109.....	114021	LNA1800BA.....	116492	714-31500.....	112170	AL39700.....	111755
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504368346.....	114307	LNA1800AA.....	116492	714-32300.....	112698	AL57438.....	113632
504368346.....	116473	LR013847.....	116007	714-33300.....	111300	AL60033.....	113632
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504385134.....	115455	LR031026.....	116597	714-35600.....	112534	AL62401.....	111649
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504385137.....	116200	XR822418.....	115788	714-35900.....	111254	AL62691.....	111755
504385138.....	115458	XR8310300BA.....	115789	714-36000.....	112649	AL62772.....	111755
504385138.....	116177	XR8310300BC.....	115789	714-36100.....	115780	AL62773.....	111755
504385577.....	114196	XR842452.....	115789				

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
JOHN DEERE <i>Continued</i>							
AL67175	110105	AT173624	111888	RE501002	111755	RE70960	113983
AL67176	110105	AT175194	111843	RE501050	114222	RE70961	114277
AL70850	111755	AT185951	113531	RE501060	114222	RE71505	113478
AL70852	112442	AT195649	114679	RE501150	114222	RE72915	110620
AL78689	113531	AT211995	112676	RE501157	113478	RE72917	115462
AL78690	111215	AT220394	111843	RE501347	113478	RE5533653	111843
AL78692	113531	AT229394	111843	RE501551	114195	RG60654	110485
AL78760	111755	AT23401	111755	RE501634	113543	RM100034	113900
AL81154	112442	AT25619	111755	RE50165	115314	SE501341	112170
AL81436	110105	AT274384	112747	RE501680	113478	SE501342	111843
AL81437	113632	AT303320	114212	RE501689	113478	SE501343	115605
AL81438	113531	AT330320	114212	RE501693	113478	SE501345	111261
AM100807	111087	AT387573	114212	RE502156	113478	SE501349	112773
AM100809	111087	AT78689	113531	RE502196	113478	SE501354	114277
AM102628	114486	AXE17691	114211	RE503093	111041	SE501380	111830
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AM105575	114823	AZ23575	111649	RE503226	115609	SE501400	111221
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AM108390	112546	AZ31316	113632	RE504807	115609	SE501414	111224
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AM37352	110634	LG91262	112563	RE519568	116379	SE501868	114275
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AM38136	112563	LVA12467	114518	RE522852	115821	SE502559	114712
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AM878176	112373	MIU800612	114891	RE533976	116446	TY24486	113531
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AR77254	111224	RE44140	111215	RE684701	113478	TY6777	113531
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
4731652.....	110890	E12RL14X35H7612.....	112098	36100-21740.....	110315	36100-38090.....	113521
04732241.....	110532	E13RL28X18H7612.....	110766	36100-21750.....	110315	36100-3E020.....	115977
04738772.....	112097	E1R24X9H7623.....	115590	36100-21770.....	110958	36100-3E100.....	115977
04744841.....	110517	E23RL28X35H7612.....	110116	36100-22000.....	110315	36100-41010.....	110576
04755111.....	110518	E6R28X17H7612.....	110766	36100-22800.....	113659	36100-41011.....	110576
04757192.....	111419	J1RL14X18H7612.....	110641	36100-22805.....	113659	36100-41012.....	110576
4757192.....	111419			36100-22810.....	113659	36100-42010.....	110809
04782803.....	110213	KIA		36100-22850.....	110958	36100-42011.....	110809
04784745.....	110582	OB6S818400.....	110808	36100-22855.....	110958	36100-42050.....	110809
07266054.....	113991	OK05418300.....	113903	36100-23100.....	111307	36100-42200.....	111912
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08962534.....	110520	OK05418300B.....	113903	36100-23150.....	111307	36100-42300.....	111912
11664049.....	110116	OK05418300C.....	113903	36100-23160.....	111307	36100-42350.....	113445
012041381.....	115590	OK24018400.....	110808	36100-23161.....	111307	36100-42450.....	113445
12041381.....	115590	OK24118400.....	110808	36100-23165.....	111307	36100-47600.....	111476
12153766.....	111662	OK24118400A.....	110808	36100-23170.....	114820	36100-47650.....	111565
12153835.....	111284	OK241-18-400C.....	110149	36100-23171.....	114820	36100-4A000.....	113937
12153841.....	116685	OK24418300A.....	111807	36100-25020.....	115569	36100-4A010.....	113937
12187645.....	111332	OK30A18400.....	114885	36100-26800.....	113659	36100-4X100.....	113327
12189957.....	112747	OK30C18300.....	113656	36100-26810.....	113659	36100-4X210.....	114732
012270187.....	111978	OK30D18300.....	113656	36100-27000.....	113329	36100-4X211.....	114732
12270187.....	111978	OK32618400.....	114885	36100-27001.....	113329	36100-4X970.....	115350
012270612.....	111978	OK55218300B.....	112334	36100-27010.....	113329	36100-4X971.....	115350
12270612.....	111978	OK55218400.....	113327	36100-27011.....	113329	36100-83010.....	112342
012270774.....	110519	OK55218400A.....	113327	36100-27510.....	113796	36100-93010.....	113129
12270774.....	110519	OK55318300.....	112334	36100-27700.....	114778	37300-02503.....	113518
12851306.....	111015	OK55318300A.....	112334	36100-29000.....	111070	37300-02550.....	113791
20030014.....	110881	OK55318300B.....	112334	36100-2A000.....	113797	37300-02551.....	113791
29281218.....	110641	OK55318300C.....	112334	36100-2A100.....	113797	37300-02570.....	113791
42488477.....	110523	OK5531-8-400.....	113327	36100-2A300.....	113797	37300-02600.....	115654
098417208.....	112097	OK554-18-300.....	112334	36100-2A305.....	116258	37300-02605.....	115654
98417208.....	112097	OK555-18-300.....	112334	36100-2A350.....	116276	37300-02700.....	113791
0144440729.....	115590	OK55518300A.....	112334	36100-2A500.....	115729	37300-02800.....	113791
144440729.....	115590	OK55918300.....	116096	36100-2A550.....	116255	37300-03100.....	115815
0146440410.....	110534	OK60118400.....	114762	36100-2A800.....	115446	37300-03200.....	115815
0150442401.....	110409	OK60A18400.....	114762	36100-2A810.....	115446	37300-03300.....	115827
01179898KZ.....	114077	OK64018300G.....	112506	36100-2A830.....	115446	37300-03310.....	115827
01180928KZ.....	112071	OK65B18300A.....	114766	36100-2A835.....	116271	37300-03500.....	115980
01180995KZ.....	111855	OK65818400.....	110818	36100-2A900.....	116271	37300-04310.....	116502
01180995KZ.....	116128	OK71118400.....	110389	36100-2A950.....	116283	37300-04330.....	116196
01180999KZ.....	112494	OK71118400A.....	110389	36100-2A970.....	116271	37300-04635.....	116399
01181570KZ.....	114320	OK71118400C.....	110389	36100-2B020.....	114892	37300-12470.....	115937
01181751KZ.....	113181	OK71F18400B.....	110389	36100-2B100.....	114443	37300-22011.....	111309
01182233KZ.....	112071	OK72A18300.....	115937	36100-2B102.....	116709	37300-22020.....	111309
01182235KZ.....	112494	OK72B18300.....	115937	36100-2B110.....	115757	37300-22023.....	111309
01182384KZ.....	113181	OK90018400.....	110808	36100-2B200.....	114443	37300-22200.....	111405
01183126KZ.....	114303	OK90018400A.....	110808	36100-2B202.....	114892	37300-22200.....	111405
01183408KZ.....	114212	OK90018400B.....	110808	36100-2B220.....	115757	37300-22511.....	110659
1179898KZ.....	114077	OK90018400C.....	110808	36100-2B300.....	114887	37300-22600.....	111309
1180928KZ.....	112071	OK95418400.....	110808	36100-2B302.....	116026	37300-22650.....	113657
1180995KZ.....	111855	OK95618400.....	110810	36100-2B600.....	114443	37300-23600.....	113657
1180995KZ.....	116128	OK95618400B.....	110810	36100-2B602.....	114443	37300-23650.....	114857
1180999KZ.....	112494	OR20118300E.....	110706	36100-2B614.....	115757	37300-24510.....	110659
1181570KZ.....	114320	OR20118300H.....	110706	36100-2CC00.....	115743	37300-24511.....	110659
1181751KZ.....	113181	OR20118300J.....	110706	36100-2E120.....	116429	37300-25201.....	114827
1182233KZ.....	112071	OR20118300K.....	110706	36100-2F000.....	115626	37300-25301.....	114827
1182235KZ.....	112494	OR20118400.....	110389	36100-2F050.....	115626	37300-25310.....	114827
1182384KZ.....	113181	OR20118400B.....	110389	36100-2F055.....	115626	37300-25600.....	115603
B13R12X4H7622.....	110536	31600-32540.....	110811	36100-2F155.....	115626	37300-27010.....	113328
B14R12X18H7622.....	114181	34466-15102.....	111913	36100-2F350.....	116430	37300-27011.....	113328
B15R12X3H762.....	110536	36100-02500.....	112322	36100-2G000.....	115758	37300-27012.....	113328
B15R12X3H762.....	116139	36100-02511.....	112322	36100-2G200.....	115758	37300-27013.....	113328
B15R12X3H762.....	110536	36100-02550.....	112322	36100-2G300.....	115758	37300-27020.....	115409
B17R24X4.....	110523	36100-02555.....	112322	36100-2X000.....	114885	37300-27021.....	115409
B20R12X3H762.....	111004	36100-02560.....	112322	36100-2Y100.....	110808	37300-27030.....	113328
B23R12X3H762.....	110536	36100-02800.....	112322	36100-32500.....	110811	37300-27031.....	113328
B28R12X4H762.....	110536	36100-03100.....	114760	36100-32510.....	110811	37300-27502.....	114201
B29R24X4H762.....	110523	36100-03101.....	116260	36100-32520.....	110811	37300-27503.....	114201
B4R12X3H762.....	116320	36100-03150.....	114760	36100-32530.....	110811	37300-27504.....	114201
B5R12X4H762.....	116312	36100-03200.....	114821	36100-32540.....	110811	37300-27600.....	114201
B7R24X4H762.....	110523	36100-03300.....	115390	36100-32600.....	110811	37300-27601.....	114201
C1R12X4H762.....	110409	36100-03301.....	116428	36100-32630.....	110811	37300-27602.....	114201
C2R24X4H762.....	110208	36100-03400.....	114821	36100-35010.....	111241	37300-29000.....	112688
C3R12X4H762.....	110409	36100-03B80.....	116428	36100-35020.....	111241	37300-2A010.....	113863
C9R12X4H762.....	110537	36100-04700.....	116260	36100-35030.....	111241	37300-2A050.....	113863
D1R24X6H762.....	111003	36100-11110.....	110479	36100-35040.....	111241	37300-2A100.....	114495
D2R24X6H762.....	110208	36100-11120.....	110479	36100-35050.....	111241	37300-2A110.....	114495
D3R24X6H762.....	110512	36100-11130.....	110479	36100-35900.....	111241	37300-2A150.....	114495
D6R24X6H762.....	110534	36100-11140.....	110479	36100-37210.....	113020	37300-2A400.....	115587
D8R24X6H762.....	110534	36100-11150.....	110479	36100-37230.....	113020	37300-2A401.....	115587
E11RL28X17H7612.....	110766	36100-21000.....	110479	36100-38050.....	113638	37300-2A500.....	114495
		36100-21730.....	110315				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
KIA Continued							
37300-2A600	115587	37300-42470	113330	OK30C18300	113656	25-098-08	112546
37300-2A601	115587	37300-42471	113330	OK30D18300	113656	25-098-09	112546
37300-2A650	115587	37300-42473	113330	OK32618400	114885	25-098-11	112546
37300-2A651	115587	37300-42502	113343	OK55218300B	112334	25-098-21	112546
37300-2A800	116191	37300-42542	113519	OK55218400	113327	25-098-21S	112546
37300-2A805	116191	37300-42620	113343	OK55218400A	113327	32-098-01	114075
37300-2A850	116191	37300-42621	113343	OK55318300	112334	32-098-03	114075
37300-2A900	116402	37300-42622	113343	OK55318300A	112334	32-098-04	114075
37300-2B101	114467	37300-42624	113343	OK55318300B	112334	41-098-04	111012
37300-2B200	114467	37300-42860	113519	OK553-18-400	113327	41-098-06	111012
37300-2B300	115715	37300-42870	113519	OK55518300	112334	45-098-02	110510
37300-2B400	114467	37300-42871	113519	OK55518300A	112334	45-098-03	110510
37300-2B500	115715	37300-45500	113506	OK55918300	116096	45-098-07	110510
37300-2B510	115715	37300-47400	113343	OK60118400	114762	45-098-09	110510
37300-2B600	116226	37300-47450	113343	OK60A18400	114762	45-099-07	110510
37300-2B610	116226	37300-47451	113343	OK64018300G	112506	51-098-01	110510
37300-2B700	116192	37300-47500	113519	OK65B18300A	114766	52-098-06	112831
37300-2B710	116192	37300-47501	113519	OK65B18400	110818	52-098-10	112831
37300-2B750	116226	37300-47502	113519	OK71118400	110389	52-098-13	112831
37300-2B760	116226	37300-47503	113519	OK71118400A	110389	A236396	110510
37300-2B960	116403	37300-4A000	113792	OK71118400C	110389	A237131	110510
37300-2E300	116721	37300-4A001	113792	OK71F18400B	110389	A237510	110510
37300-2F100	115747	37300-4A002	113792	OK90018400	110808	A237534	110510
37300-2F200	115632	37300-4A003	113792	OK90018400B	110808		
37300-2G100	114827	37300-4A110	113792	OK90018400C	110808	KOKUSAN-DENKI	
37300-2G400	115603	37300-4A111	113792	OK95418400	110808	GP9150	116548
37300-2G500	115603	37300-4A112	113792	OK95618400	110810	GP9165	115463
37300-2W000	113903	37300-4A113	113792	OK95618400B	110810	GP9906	113743
37300-32134	110804	37300-4A300	114287	OR20118300K	110706	KOMATSU	
37300-32354	112333	37300-4A300	116358	OR20118400	110389	1243215H92	110999
37300-32800	110804	37300-4A310	116027	OR20118400B	110389	1305787H91	112160
37300-33000	110802	37300-4A320	116215	R20118300	110706	1307203H1	112160
37300-33010	110802	37300-4X000	113331	RF0918300	110699	14401B2420	110209
37300-33013	110802	37300-4X001	113331	S0001250303	114892	155-016-3011	110245
37300-33030	110802	37300-4X002	113331	TM000A37201	113659	155-216-3011	110720
37300-33100	110804	37300-4X003	113331	KOHLER		160-976-1361	110421
37300-33101	110804	37300-4X200	112334	1209810	113017	600-813-1420	113206
37300-33102	110804	37300-4X220	112334	1209813	112244	600-813-1720	110568
37300-33103	110804	37300-4X500	113331	1209821	112150	600-813-1721	110568
37300-33110	110804	37300-4X501	113331	1209822	112244	600-813-1750	110573
37300-35560	111406	37300-4X502	113331	2009801	113854	600-813-2413	114330
37300-35563	111406	37300-4X503	113331	2009806	113854	600-813-3111	111212
37300-35570	111406	37300-4Z300	114766	2009808	113854	600-813-3121	111212
37300-35571	111406	B30118400B	110807	2009810	113854	600-813-3122	111212
37300-35573	111406	B30318400	110808	2009811	113854	600-813-3130	111212
37300-37110	113652	B35918400	110808	2509804	113017	600-813-3240	113203
37300-37200	113652	B67618400A	110808	2509807	113017	600-813-3320	110656
37300-37405	113652	B6S818400	110808	2509809	112546	600-813-3350	110656
37300-37800	115855	FE1H18400	110810	4109806	111012	600-813-3610	114166
37300-38310	112327	FE5018400D	110808	4509809	110510	600-813-3611	114166
37300-38700	113517	GSL600060	111307	5209813	112831	600-813-3612	114166
37300-38710	113517	JM000A15001	114821	12-098-02	112244	600-813-3613	114166
37300-3C120	115737	JM000A18801	114821	12-098-03	112546	600-813-3630	110555
37300-3C170	115737	K99318400	110810	12-098-04	112244	600-813-3632	110555
37300-3C250	115737	KB30318400	114885	12-098-05	112150	600-813-3681	110555
37300-3E100	116450	KB30318400A	114885	12-098-06	112150	600-813-3710	114166
37300-41010	111344	KB30818400	114885	12-098-08	112244	600-813-3711	114166
37300-41011	111344	KK0218400	110807	12-098-09	112150	600-813-3712	114166
37300-42010	111344	KK32618400	114885	12-098-10	113017	600-813-3730	114166
37300-42116	110806	KK37018400A	110807	12-098-12	112150	600-813-3731	114166
37300-42200	110806	KK40118400	110807	12-098-13	112244	600-813-3732	114166
37300-42202	110806	KKY0218400	110807	12-098-15	112244	600-813-4000	111212
37300-42203	110806	KKY0218400C	110807	12-098-19	112244	600-813-4410	111212
37300-42204	110806	KY0218400	110807	12-098-21	112150	600-813-4420	110656
37300-42206	110806	M36100-2B300	114887	12-098-22	112244	600-813-4421	110656
37300-42353	112333	MB30118400C	110807	20-098-01	113854	600-813-4470	113203
37300-42354	112333	MB30318400A	110808	2009801S	113854	600-813-4490	114346
37300-42355	112333	MB35918400A	110808	2009805S	113854	600-813-4530	110555
37300-42356	112333	OB6S818400	110808	20-098-05	113854	600-813-4531	110555
37300-42357	112333	OK05418300	112506	20-098-06	113854	600-813-4532	110555
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37300-42359	112333	OK05418300B	112506	2009808S	113854	600-813-4670	111020
37300-42360	112333	OK05418300C	113903	2009810S	113854	600-813-4671	111020
37300-42451	113330	OK24018400	110808	2009811S	113854	600-813-4672	111020
37300-42452	113330	OK24118400	110808	24-098-01	112546	600-813-4680	114164
37300-42454	113330	OK24118400A	110808	25-098-03	113017	600-813-4681	114164
37300-42455	113330	OK24118400B	110808	25-098-04	113017	600-813-4682	114164
37300-42456	113330	OK24118400C	110808	25-098-05	113017	600-813-4790	114164
37300-42457	113330	OK24418300A	111807	25-098-06	113017	600-813-4791	114164
37300-42458	113330	OK24A18300	111807	25-098-07	113017		
37300-42459	113330	OK30A-18-400	114885				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
600-813-4792	114164	11420-63011	113205	15621-64011	111195	17121-63013	115595
600-813-6610	114164	11420-63012	113205	15641-63013	110720	17121-63014	115595
600-813-6611	114164	11420-63013	113205	15641-63014	113966	17123-63016	111197
600-813-6612	114164	11420-63014	113205	15707-63011	110245	17298-63010	110720
600-813-6613	114164	12498-63010	113596	15741-63010	110447	17298-63013	110720
600-813-6632	111020	12499-63010	116149	15741-63011	110447	17311-63010	110245
600-813-7110	114166	129423-77210	113742	15763-64010	111195	17311-63011	110245
600-813-7111	114166	15213-63013	110421	15763-64011	111195	17311-63012	110245
600-813-7112	114166	15221-63010	110245	15763-64012	111195	17331-63010	110245
600-813-7113	114166	15221-63014	110245	15833-63010	115552	17331-63011	110245
600-813-7220	114166	15221-63015	110245	15833-63011	115552	17331-63012	110245
600-813-7221	114166	15221-63016	110245	15833-63012	115552	17341-63010	110720
600-813-7222	114166	15221-63017	110245	15852-63010	111475	17341-63011	110720
600-821-2350	111048	15221-63018	110245	15852-63011	111475	17341-63013	110720
600-821-260	114683	15231-03012	110421	15852-63012	111475	17341-63015	110720
600-821-3840	113212	15231-63010	110421	15881-64200	111048	17369-64011	110374
600-821-3850	113212	15231-63011	110421	15881-64201	111048	17381-63012	110720
600-821-5580	110562	15231-63012	110421	15881-64202	111048	17381-63014	110940
600-821-6110	110562	15231-63013	110421	16225-63010	110421	17381-63015	110940
600-821-6120	110562	15231-63014	110421	16225-63012	110421	17423-63010	112547
600-821-6130	110562	15231-63015	110421	16225-63013	110421	17423-63012	112547
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600-821-6160	110562	15253-64010	111195	16231-64010	113921	17490-63014	111197
600-821-9250	111261	15321-63015	110245	16231-64011	113921	17490-64010	114263
600-821-9510	115533	15321-63016	110245	16231-64012	111048	17490-64011	114263
600-821-9530	115533	15321-63017	110245	16231-64013	113921	17490-64012	114263
600-821-9540	115533	15401-63010	110720	16235-63010	116630	17490-64014	114263
600-821-9542	115533	15401-63011	110720	16235-63011	116630	17490-64015	114263
600-821-9550	115533	15401-63012	110720	16235-63012	116630	17525-64011	113401
600-821-9560	115533	15401-63013	110720	16235-63013	116630	17580-64012	110620
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600-821-9690	111261	15411-64011	110258	16235-63015	116630	19007-63011	110421
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600-825-6370	115445	15461-63013	113966	16541-64011	114515	19260-64010	114256
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600-825-7111	114683	15461-63015	110720	16611-63011	111021	19269-19010	111021
600-825-9230	115534	15471-63011	110447	16611-63012	111021	19269-63010	111021
600-825-9330	115534	15471-64010	111195	16611-63013	111021	19269-63011	111021
600-825-9710	115534	15471-64011	110258	16612-63011	110447	19269-63012	111021
600-861-1611	114097	15501-63010	110245	16612-63012	110447	19269-63013	111021
600-861-1951	114403	15501-63011	110245	16615-64011	114251	19279-64011	114256
600-861-6410	114113	15501-63012	110245	16652-63012	111197	19279-64012	114256
600-861-6420	114113	15501-63013	110245	16652-63013	111197	19279-64013	114256
600-861-6510	116055	15501-63014	110245	16661-63011	110356	19293-63011	110421
600-861-9120	115534	15504-63010	110447	16661-63012	111299	19400-63011	110447
600-863-1410	114332	15504-63011	110447	16661-63013	110356	19420-63012	110447
600-863-1450	114747	15504-63012	110447	16661-63013	111299	19616-63011	110356
600-863-3110	115954	15511-63010	110720	16661-63015	110356	19616-63012	110356
600-863-3210	115954	15511-63011	110720	16678-64011	113856	19637-63013	110421
600-863-3211	115954	15521-63010	110720	16678-64012	113856	19821-63011	110938
600-863-4110	114340	15521-63011	110720	16695-63011	110447	19836-77200	113401
600-863-4130	114340	15521-63012	110720	16695-63012	110447	19837-63010	110421
600-863-4210	114340	15527-63011	114711	16695-63013	110447	19837-63011	110421
600-863-5110	114693	15527-63012	114711	16705-64011	111048	19837-63012	110421
600-863-5111	114693	15527-63013	114711	16705-64012	111048	19837-63012	111475
600-863-5711	114396	15531-64013	114516	16771-64010	110620	19837-63013	110421
600-863-5910	114396	15531-64016	114516	16771-64012	110620	19837-63014	110421
673-181-2530	114340	15531-64017	114516	16791-64010	113921	19883-63011	113204
673-381-6510	114340	15601-63010	110940	16791-64011	111048	19883-63012	113204
673-382-6510	114340	15601-63011	110940	16824-63011	114686	1C010-63010	113551
6738-82-6810	114693	15601-63012	110940	16824-63014	114686	1C010-63011	113551
RKD75A01	114683	15611-63011	114259	16853-63010	114485	1C010-63012	113551
		15611-63012	114259	16853-63011	114485	1C010-64010	116109
		15611-63013	114259	16871-63010	110447	1C010-64011	116109
		15621-63010	110940	16871-63011	110447	1C011-64010	114807
		15621-63011	110940	16871-63012	110447	1C011-64011	114807
		15621-63012	110940	16945-64011	113921	1G023-63010	113211
		15621-63013	110940	16945-64012	113921	1G023-63011	113211
		15621-63014	110940	16945-64013	113921	1G069-63010	116695
		15621-63015	110940	17121-63010	111197	1G069-63011	116695
		15621-64010	111195	17121-63012	115552	1G090-64010	113856
KTM							
X0039050000	116204						
X0841031000	116204						
KUBOTA							
1627163013	110447						
1752564011	113401						

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
KUBOTA Continued							
1G772-63010	115378	7421348000	111629	2670J	113651	610407308	112747
1G772-63011	113551	7421353000	110895	2670JB	113651	629003203	111842
1G772-63012	113551	7421354000	116063	2670JC	113651	629-0070	112159
1G777-63010	114167	7421355000	111842	2670LC	113651	7026025A	112494
1G777-63011	114167	7421356000	112302	2700J	113651		
1G77-763012	114167	7431021000	110210	2700JB	113651	LINDE	
1G911-63012	114333	7431022000	110368	2700JC	113651	0009710103	112295
1K012-63010	114167	7431023000	110531	2702LC	113651	0009710126	113678
1K012-63011	114167	7431024000	110206	2800LJ	110937	0009710126	115507
1K012-63012	114167	7431026000	110206	2805J	110937		
1K371-63010	111197	7431027000	116040	4425JA	110937	LISTER	
34070-16081	113893			4625JA	110937	6641	112601
34070-16801	113893	LADA		4725JA	110937	8231	112665
34070-16803	113893	37.3701	110348	7064A	110937	282250	110483
34070-75600	113921	3708000	110352	A001090517	113651	38208867	116475
34070-75601	113921	4233708	110352	A001090524	113651	75222080	116475
34070-75602	113921	4253708	110352	A001090546	113651	202-34960	110464
37560-63010	110447	5702.3708	112304	A001090550	113651	204-13273	115572
37560-63011	110447	5722.3708	110352	A001090557	113651	272-905	110464
37560-63012	110447	9412.3701	112191	A0012670JB	113651	362-02349	113713
3A011-74012	111048	21053701010	110350	A0012670LC	113651	382-08919	111368
3A611-74012	116313	21053708010	110352	A0012700JB	113651	750-15330	112559
3A651-74010	114807	21083701010	110348	A0012700LC	113651	757-21700	112545
3N301-64011	116574	212153708010	111070	BCA3920	112159	757-22080	116475
3R600-64011	116574	2101370800002	110352	BLD3314	115386	757-26450	113459
3R600-64012	116574	2105370101010	110350	BLD3314C	115386		
60081-33240	113203	2108370101004	110348	BLD3314GH	115386	LOMBARDINI	
66436-64011	113921	2108370101005	110348	BLP3317	115387	1157326	114411
67980-31151	113211	2108370101010	110348	BLP3317A	115387	5840142	112171
67980-31152	113211	2110370801003	112304	M0014502ME	110590	5840142	116556
6A320-59212	114485	21100370801002	112304	LETRIKA ➔ MAHLE LETRIKA		5840147	115816
6A830-59250	114657	21110370801003	112304	LEYLAND		5840191	114053
6C040-59212	116640	211003708010002	112304	AEL8419	112159	5840199	114052
6C040-59252	114516	2100-3708000	110352	AELB426R	111399	5840203	111748
6C140-59210	116640	2101-3708000	110352	AELB710	111569	5840209	114052
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70000-76500	110421	2110-3708010	112304	AELD074	116116	11572610	116131
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E7194-63012	112546	21214-3701010	112191	AELF405	113760	58400670	116685
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EG673-64201	116528	224-370701	110348	6000309	110210	58401720	114815
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K3511-81410	110447	3101-3708000	110352	6000733	110208	58401760	113177
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K3511-81412	114485	CT22112B	110352	6000970	114744	58401910	114053
K7561-61810	112547	CT2213708000	110352	6000973	112288	58401940	111015
K7571-96800	110447	KAT3K35.3708	110352	6001025	110210	58401990	114052
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RC411-53200	115322	KAT3KCT22112B	110352	6002025	110895	58402090	114052
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RC411-53202	115322	KAT3KT2214B	110350	6104021	110512	58402230	112034
T1060-15680	113921	T2214B50A	110350	6104024	116312	58402240	115816
T1060-15681	113921	T2223701010	110348	6104038	110766	58402280	115697
T1060-15682	113921	T222-3701010	110348	6104058	110895	58402460	116556
T1065-15682	114751	LANDROVER ➔ ROVER GROUP		6104073	112747	58402490	114741
T1150-16800	115322	LDV		6104080	110210	58402610	115344
T1150-16801	115322	528110010	116047	6107010	112098	58402610	116685
TA043-74012	114251	LEECE-NEVILLE		6107108	110536	58402670	115537
KÄSSBOHRER		35259580	111221	6200443	110766	58402680	115344
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7421311000	110766	2300JB	110937	6201367	110766	563R0540	116624
7421317000	110759	2300JC	110937	6201369	110766	563R0610	115697
7421320000	111629	2303JB	110801	6290042	110766		
7421323000	112098	2360J	110937	6290051	110210	LUCAS	
7421325000	110358	2360JB	110937	10018258	113448	22250	110482
7421328000	111629	2400J	110937	10326243	113998	22255	110483
7421333000	111629	2400JB	110937	11386644	115464	22258	110482
7421336000	111629	2500J	110937	11386644	116044	22259	110483
7421341000	110895	2500LJ	113651	560256508	110524	22272	110482
7421347000	112159	2626J	113651	610405908	111629	22295	110482

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
22297	110482	23631	110179	23728	110178	23827	110178
22615	110512	23632	110179	23729	110179	23828	111184
22700	110482	23634	110178	23730	110178	23830	113378
22703	110483	23635	110178	23731	110178	23831	110178
22704	110482	23636	110178	23734	110178	23832	110968
22705	110482	23637	110178	23735	110178	23833	113474
22708	110483	23640	110178	23736	110179	23835	111948
22715	110482	23641	110179	23737	111185	23837	110178
22717	110482	23642	110178	23738	111184	23838	110178
22719	110483	23643	110178	23739	113378	23839	111185
22725	110482	23644	110179	23740	113378	23840	110178
22733	110483	23645	110179	23741	110178	23841	111184
22742	110482	23646	110179	23742	110178	23842	111185
22747	110482	23647	110178	23743	110178	23843	110178
22748	110482	23648	110178	23745	110178	23844	110178
22754	110482	23649	110178	23747	110178	23845	111185
22756	110484	23650	110178	23748	110178	23846	113378
22758	110484	23651	110178	23749	110968	23847	110178
22761	110484	23652	110179	23750	110178	23848	111185
22762	110484	23653	110179	23751	111185	23850	110178
22764	110484	23654	110179	23752	110179	23851	110178
22765	110482	23655	110179	23753	110178	23852	110179
22767	110482	23656	110179	23754	110179	23853	110178
22769	110484	23657	110179	23755	110178	23854	110179
22775	110482	23658	110178	23756	111185	23855	110178
22780	110483	23659	110179	23758	111184	23856	110179
22783	110484	23660	110178	23759	111185	23857	111184
22785	110482	23661	110178	23760	111184	23860	111184
22788	110483	23662	110178	23761	110178	23862	113474
22789	110482	23663	110179	23762	110178	23864	111086
22791	110483	23664	110178	23763	110179	23865	111948
22792	110484	23665	110179	23764	110968	23872	111184
23544	110178	23666	110178	23765	111185	23873	111185
23548	110178	23667	110969	23766	111185	23874	110178
23554	110178	23668	110178	23767	111185	23878	110178
23562	110178	23673	111184	23768	111184	23880	111948
23565	110178	23674	110178	23769	110178	23882	110968
23566	110178	23675	110179	23770	110179	23886	110178
23568	110179	23676	110178	23771	111185	23889	110178
23569	110178	23677	111185	23772	110178	23890	111185
23570	110178	23678	110178	23773	110179	23891	111185
23573	111185	23679	110178	23774	110178	23893	111185
23574	110179	23680	113574	23775	110179	23895	110178
23575	110178	23683	111184	23777	110178	23896	110759
23576	110179	23684	111185	23778	110178	23896	110968
23581	110178	23685	110178	23779	111185	23896	111289
23582	110969	23686	110968	23780	110179	23902	113474
23583	110179	23687	110179	23781	110179	23903	110178
23584	110178	23690	110179	23782	110178	23904	110178
23585	110179	23691	111185	23783	113474	23905	111184
23590	110178	23692	111184	23785	110968	23906	111184
23591	110179	23693	111185	23786	110969	23909	110178
23592	110179	23694	110178	23793	110179	23910	110179
23593	110178	23695	110178	23794	110179	23911	110178
23595	110178	23696	110969	23795	110178	23912	110179
23597	110178	23697	113378	23796	110178	23914	110178
23598	110178	23699	110178	23797	110178	23915	110178
23600	110179	23700	110178	23799	110178	23916	110179
23602	110178	23701	110179	23800	110179	23917	110179
23603	110178	23702	111184	23801	110179	23918	110178
23605	110178	23703	110178	23802	110178	23919	110178
23606	110178	23704	110179	23804	110178	23920	110178
23609	110179	23706	110178	23805	110178	23921	110179
23610	110178	23707	110179	23806	111185	23922	110179
23611	110179	23708	110178	23807	113378	23923	110179
23612	110178	23709	111185	23808	111185	23924	111185
23614	110178	23711	110178	23809	111184	23925	111185
23616	111184	23712	110179	23810	111184	23926	111184
23617	111185	23713	110178	23811	111185	23927	111184
23618	111184	23714	110178	23813	110178	23928	111184
23619	111184	23715	110178	23814	113378	23929	111289
23620	110178	23716	110178	23816	110178	23935	110969
23621	110178	23717	110178	23818	110179	23937	113474
23622	111185	23718	110178	23819	110179	23938	113474
23623	110178	23719	111185	23820	110179	23939	110179
23624	110179	23720	111184	23821	110178	23940	110179
23625	110178	23721	111185	23822	110179	23941	110179
23626	110179	23723	110969	23823	110178	23942	110178
23627	110178	23724	110178	23824	110179	23943	113474
23629	110179	23725	110179	23825	110178	23944	110178
23630	110178	23726	110178	23826	110969	23945	111185

STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
23946	111185	24115	110969	24272	110770	25272	110336
23947	111184	24115	111086	24273	111739	25276	110831
23948	110179	24115	111184	24274	111740	25277	110831
23949	110179	24115	111289	24276	110770	25281	110831
23950	110179	24118	111086	24277	111362	25286	110363
23951	110179	24119	111364	24286	111361	25288	110831
23952	110179	24123	111948	24289	111362	25289	110336
23953	110179	24124	110107	24290	111738	25331	110831
23954	110179	24128	111289	24291	111355	25333	110831
23959	110178	24133	110179	24293	111623	25335	110336
23960	110179	24134	111185	24293	111742	25345	111102
23961	111184	24136	111289	24293	115890	25356	110831
23962	110178	24137	111289	24294	111355	25357	110336
23963	110179	24140	110178	24296	111364	25368	110831
23968	110968	24141	110179	24297	112238	25372	114650
23973	110178	24144	111289	24298	110770	25648	110336
23974	110178	24145	111364	24299	111569	25681	111865
23983	111185	24149	111086	24300	110770	25692	113745
23984	111184	24153	110179	24318	111289	25696	111865
23985	111185	24156	111364	24322	112722	25755	113745
23986	111204	24157	110770	24332	111364	25756	113745
23989	110178	24158	111355	24334	111176	26071	110818
23990	110178	24161	112238	24356	111355	26133	110818
23991	111204	24165	111289	24380	112238	26137	110462
23993	113378	24166	111204	24387	111355	26137	116137
23994	111185	24169	111366	24390	111355	26143	110818
23995	110968	24171	110641	24396	111623	26145	110439
23996	113474	24177	111364	24396	111742	26147	110462
23999	111204	24178	111364	24396	115890	26147	116137
24013	113474	24179	110178	24400	111740	26148	110443
24014	111204	24180	110179	24403	111176	26151	110442
24015	113474	24181	111289	24405	111368	26153	110464
24016	111204	24182	111184	24406	111569	26154	110439
24017	111204	24185	111185	24407	112722	26166	110464
24019	111948	24186	111740	24408	110770	26167	110818
24022	111948	24188	110607	24409	111368	26173	110818
24023	110179	24198	111366	24411	111361	26186	110439
24024	111185	24199	111289	24413	111569	26189	110462
24026	111185	24200	111364	24418	111361	26189	116137
24027	111086	24202	111355	24448	111740	26193	110438
24028	111184	24203	111035	24450	112722	26196	110442
24031	110968	24204	110107	24454	110770	26198	110442
24033	110107	24206	110891	24479	113763	26200	110439
24034	113474	24207	111176	24480	113763	26208	110439
24036	111185	24208	110770	25016	111103	26211	110462
24037	111289	24209	111355	25022	111103	26211	116137
24041	111078	24213	111035	25024	111103	26213	110462
24044	110969	24214	111035	25041	111103	26213	116137
24045	110968	24215	111362	25061	111103	26215	114713
24046	110891	24217	111176	25062	111103	26220	110439
24048	110179	24219	111366	25063	111103	26227	110462
24049	113574	24220	110891	25065	111103	26227	116137
24051	110178	24221	111176	25071	111102	26233	110439
24052	110178	24223	111368	25075	111102	26242	110545
24054	111289	24228	112238	25079	111103	26246	111573
24058	110178	24229	110891	25083	111102	26256	110440
24059	110179	24230	110607	25085	111103	26259	110440
24061	111185	24231	111368	25087	111103	26264	110439
24062	111086	24233	110891	25088	111103	26265	110465
24063	110968	24235	110968	25089	111102	26267	111865
24064	110969	24237	110178	25097	111103	26270	115572
24065	111185	24237	110179	25105	111102	26271	110442
24066	111184	24237	111086	25112	111102	26273	110819
24067	113474	24237	111184	25138	111103	26274	110565
24071	110968	24237	111185	25147	111102	26275	114730
24072	113378	24237	111289	25149	111103	26278	110818
24079	113378	24237	111364	25196	111102	26281	110442
24082	111185	24240	112238	25201	111103	26283	110443
24083	111184	24241	112238	25204	110336	26284	110545
24087	111948	24242	112238	25205	110336	26285	110817
24089	111289	24245	111355	25206	110831	26286	110464
24090	113474	24246	111363	25208	110336	26288	110438
24091	110891	24249	111362	25219	112390	26290	110813
24094	110178	24250	111740	25238	111102	26291	110462
24095	110178	24256	111363	25239	111103	26291	116137
24098	111289	24259	111176	25249	110336	26294	110615
24099	111185	24260	111364	25250	110831	26295	114650
24103	110178	24261	111362	25255	110831	26301	114713
24108	110179	24262	111364	25257	110363	26304	111573
24112	111289	24264	110607	25270	110336	26305	113380
24114	111184	24271	113920	25271	110336	26310	110817

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
26311	110465	26693	113346	27489	110464	27628	110615
26312	113380	26694	113346	27500	110462	27629	111346
26316	110462	26801	111865	27500	116137	114360	114360
26316	116137	26805	110842	27501	110461	227542	110482
26321	110440	26813	111608	27502	111737	242358	110968
26323	110565	26814	111303	27503	114650	26021103	110482
26329	113380	26834	111608	27504	113380	26021104	110483
26330	110462	26841	111608	27506	110615	26021117	112650
26330	116137	26845	111608	27507	113380	26021235	111185
26336	112660	26913	110867	27508	112660	26021276	113683
26338	110462	26914	110867	27510	110565	26021278	113683
26338	116137	26914	112290	27511	110465	26024243	111184
26339	110462	26917	110818	27512	110545	26251048	111385
26339	116137	26920	112277	27513	111573	26256963	110615
26341	110465	26925	110462	27515	110565	26921046	111185
26342	110545	26925	116137	27518	110615	26921168	113683
26343	111573	26935	110867	27519	110460	35213725	110968
26344	110819	26941	110867	27520	110615	35213730	110969
26345	110565	26942	110867	27522	110819	47020054	113713
26349	110459	26943	113752	27523	110565	47020055	112112
26351	111573	26945	113752	27524	110615	47020056	113713
26352	110462	26946	113752	27526	111573	47020057	112112
26352	116137	27005	111131	27529	110565	47020058	113713
26355	110461	27006	111131	27531	110461	47020059	112112
26356	110461	27014	111131	27533	112136	47020060	113714
26357	111737	27018	112390	27537	110460	47020061	111510
26358	114650	27022	111303	27539	110565	47020062	113713
26359	111737	27034	113346	27540	110819	47020063	113713
26360	110465	27043	111303	27541	111346	47020065	112112
26364	110462	27047	111303	27543	110459	47020067	112112
26364	116137	27305	113484	27545	110459	47020068	112112
26365	110819	27309	112670	27546	110819	47020069	113713
26366	110565	27311	112670	27547	111346	47020083	111510
26369	111737	27315	112670	27553	113380	47020084	112112
26371	110444	27401	110814	27554	110465	47020086	112112
26374	110460	27407	110442	27556	112660	47020088	112112
26375	110443	27408	110439	27559	110460	47020089	112112
26376	111573	27409	110439	27564	111574	47020090	111510
26379	110462	27410	115572	27565	111346	47044605	112317
26388	110461	27411	110442	27567	110461	47044606	112318
26390	110813	27412	114730	27568	111346	47044608	112317
26391	110439	27413	110818	27569	110462	47044616	112317
26394	110640	27415	110442	27569	116137	47044617	112318
26395	110462	27417	110443	27570	111737	47920141	112277
26395	116137	27419	110464	27571	110819	47920166	112277
26398	112136	27420	110438	27572	110565	54021350	111185
26399	110462	27421	110439	27575	112660	54021351	111184
26399	116137	27423	110818	27577	110461	54021491	110178
26400	110444	27424	110817	27578	110565	54021493	110179
26406	110565	27425	110441	27580	110819	54021494	110178
26407	110461	27426	110462	27582	110819	54021506	111356
26408	110460	27426	116137	27583	110565	54021551	111184
26410	110565	27427	110817	27584	110819	54021649	110975
26411	110819	27430	113381	27585	110615	54021663	110968
26412	110439	27431	110444	27586	112660	54021764	111184
26414	111346	27432	110439	27587	110545	54021772	110968
26416	110459	27435	110443	27588	110615	54021810	110179
26417	110525	27440	110640	27589	111346	54021813	110178
26418	110443	27443	110459	27590	111346	54021831	110968
26420	110459	27446	110440	27592	110615	54021845	110179
26422	110443	27459	110439	27593	110819	54021850	110968
26428	112660	27460	110441	27594	110565	54021851	112128
26430	113380	27463	110818	27595	111574	54021853	110968
26431	110465	27464	110442	27596	110615	54021868	110178
26432	110545	27465	110464	27598	111346	54021873	111184
26433	112660	27467	110443	27599	110565	54021879	111356
26436	110460	27468	110440	27602	111346	54021879	113378
26587	111131	27469	110439	27603	110615	54021898	110178
26600	111131	27470	110439	27604	112660	54021917	110178
26601	111131	27472	110443	27606	110565	54021918	110178
26631	112390	27473	110442	27607	110615	54021919	111289
26649	110831	27474	110439	27608	111346	54021920	110968
26654	110831	27476	110464	27609	110615	54021921	111289
26656	110831	27477	110442	27610	111346	54021953	110969
26657	110831	27478	110443	27614	110462	54021955	111364
26660	113346	27479	110442	27614	116137	54021985	110179
26667	111303	27480	110439	27620	111346	54021986	110968
26678	111131	27485	110442	27621	110615	54021987	111184
26679	111131	27486	110443	27625	110615	54021988	110969
26689	111750	27487	110442	27626	111346	54021993	110178
26690	113346	27488	110439	27627	111346	54022001	113474

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
54022006	110178	54022225	110770	54022385	111364	54022564	111742
54022007	113474	54022226	110770	54022388	110891	54022564	115890
54022011	110179	54022227	111364	54022389	111356	54022565	111623
54022014	110968	54022228	111366	54022390	111738	54022565	111742
54022017	110178	54022229	110770	54022391	110968	54022565	115890
54022032	110178	54022232	111176	54022392	110770	54022572	111289
54022052	111364	54022233	110891	54022393	112238	54022575	111623
54022053	111362	54022234	111356	54022394	111623	54022575	111742
54022054	110968	54022235	111176	54022394	111742	54022575	115890
54022057	110770	54022236	110891	54022394	115890	54022578	111569
54022058	112238	54022238	110968	54022396	111623	54022579	111355
54022059	111356	54022240	110899	54022396	111742	54022580	112722
54022060	111176	54022240	110912	54022396	115890	54022581	111356
54022083	110178	54022240	111035	54022398	110770	54022582	111742
54022084	110179	54022240	111180	54022401	111366	54022583	111623
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54022097	110968	54022240	112719	54022408	111355	54022583	115890
54022101	111364	54022240	116133	54022409	110770	54022584	111176
54022108	110770	54022240	116331	54022410	111356	54022585	111176
54022109	110770	54022241	111362	54022414	110770	54022586	111364
54022117	110770	54022242	110770	54022415	111569	54022588	111623
54022118	110770	54022243	111289	54022418	111356	54022588	111742
54022119	111364	54022244	110770	54022419	110891	54022588	115890
54022123	111364	54022245	110770	54022420	111148	54022589	111368
54022127	111364	54022246	111366	54022426	110770	54022590	110770
54022128	111364	54022247	111368	54022428	111355	54022591	112238
54022130	110607	54022248	110607	54022431	110770	54022593	111364
54022137	110969	54022251	111176	54022432	110770	54022595	111356
54022140	112238	54022254	111738	54022437	112722	54022598	111362
54022142	111362	54022255	110770	54022438	110770	54022602	111176
54022143	110770	54022256	112238	54022439	110770	54022603	110891
54022145	111366	54022261	110968	54022443	112718	54022604	110891
54022147	111289	54022262	110770	54022445	110770	54022606	113763
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54022151	111364	54022264	111366	54022449	111368	54022610	111623
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54022159	111176	54022267	112238	54022466	113763	54022614	111176
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54022162	111176	54022274	111366	54022474	111176	54022615	115890
54022163	110770	54022275	111176	54022481	111363	54022616	110770
54022164	110770	54022277	110770	54022483	110770	54022617	111368
54022165	110178	54022279	110891	54022495	111623	54022619	111569
54022166	111366	54022280	110770	54022495	111742	54022620	111289
54022167	110770	54022281	111176	54022495	115890	54022621	110770
54022171	111035	54022282	110770	54022498	112021	54022623	110770
54022173	111356	54022283	110891	54022510	112238	54022625	110770
54022176	111355	54022285	111356	54022513	110607	54022628	111738
54022178	110770	54022286	110968	54022514	111176	54022639	111355
54022179	112238	54022287	111176	54022516	110607	54022642	111355
54022182	111362	54022290	111176	54022517	111368	54022646	112238
54022183	111364	54022291	111356	54022518	111368	54022647	111355
54022184	110891	54022292	111363	54022519	111368	54022652	111176
54022186	110770	54022295	110770	54022524	113763	54022653	111361
54022187	111176	54022301	110607	54022527	112718	54022654	111361
54022188	110770	54022306	110770	54022528	112722	54022656	112722
54022189	112238	54022308	111361	54022529	112722	54022662	111361
54022190	111356	54022309	111176	54022530	112722	54022663	112238
54022191	110770	54022310	111363	54022532	112722	54022664	111361
54022192	111176	54022312	111176	54022536	110770	54022668	111362
54022193	110770	54022313	111356	54022537	111623	54022686	110770
54022195	110770	54022314	111176	54022537	111742	54022689	111623
54022196	111366	54022317	111176	54022537	115890	54022689	111742
54022197	110891	54022330	111176	54022547	111623	54022689	115890
54022198	111176	54022335	111362	54022547	111742	54022695	111362
54022200	111355	54022336	111739	54022547	115890	54022700	111368
54022203	111368	54022337	111740	54022549	112698	54022708	111623
54022204	110770	54022340	110891	54022552	112238	54022708	111742
54022207	111366	54022341	110770	54022554	110770	54022708	115890
54022211	111362	54022342	111356	54022555	111623	54022711	111569
54022212	110770	54022344	110891	54022555	111742	54022716	111176
54022213	111364	54022346	111176	54022555	115890	54022740	111362
54022214	111356	54022348	110770	54022556	111623	54022746	112722
54022216	110770	54022349	110770	54022556	115890	54022747	111368
54022217	111356	54022351	110607	54022557	111623	54022751	112722
54022218	111364	54022374	110607	54022557	111742	54022752	111355
54022219	110770	54022375	111361	54022557	115890	54022754	111368
54022220	112238	54022379	111738	54022558	110607	54022776	113763
54022222	110607	54022382	111355	54022560	112722	54022789	111738
54022223	111368	54022383	110770	54022561	112722	54022803	111362
54022224	111368	54022384	110770	54022564	111623	54243441	110565

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
54265233	110565	22715E	110482	23582B	110969	23630B	110178
54292967	112277	22715F	110482	23582D	110969	23630E	110178
57020057	112112	22715H	110482	23583A	110179	23631A	110179
60021011	110968	22715J	110482	23583B	110179	23631D	110179
60021012	110969	22715K	110482	23584A	110178	23632A	110179
60021013	110968	22719H	110483	23585A	110179	23632E	110179
60021014	110968	22719J	110483	23590A	110178	23634A	110178
60021015	110969	22733B	110483	23590D	110178	23634D	110178
60021026	110975	22733E	110483	23590E	110178	23635A	110178
60021040	110968	22733J	110483	23590H	110178	23635D	110178
60021041	110969	22742E	110482	23591A	110179	23636A	110178
60021061	110969	22742K	110482	23591D	110179	23636B	110178
60021062	110968	22747A	110482	23591E	110179	23636D	110178
60021063	110975	22747B	110482	23592A	110179	23637A	110178
60021065	110969	22748A	110482	23592D	110179	23637B	110178
60021066	110968	22748B	110482	23592E	110179	23637D	110178
60021067	110975	22756A	110484	23593A	110178	23640A	110178
60021068	110975	22756B	110484	23593D	110178	23640B	110178
60210158	110968	22756C	110484	23593E	110178	23640D	110178
60210159	110969	22756D	110484	23595A	110178	23641A	110179
60210160	110969	22756E	110484	23597A	110178	23641B	110179
60210163	110968	22756G	110484	23597B	110178	23641D	110179
60210164	110968	22756H	110484	23597D	110178	23642A	110178
60210165	110968	22758A	110484	23598A	110178	23642B	110178
60210167	110968	22758E	110484	23598B	110178	23643A	110178
60921028	110969	22761B	110484	23600A	110179	23643B	110178
60921029	110968	22761E	110484	23600B	110179	23644A	110179
60921030	110968	22762B	110484	23602A	110178	23644B	110179
60921031	110969	22762E	110484	23602B	110178	23645A	110179
61920107	111185	22764A	110484	23603A	110178	23645B	110179
61920201	113376	22764E	110484	23603B	110178	23646A	110179
61920269	110890	22765B	110482	23603D	110178	23646B	110179
61920270	110882	22765J	110482	23605A	110178	23647A	110178
61920271	112097	22767D	110482	23605D	110178	23647B	110178
61920275	111418	22767F	110482	23605E	110178	23647D	110178
61920275	115873	22769B	110484	23606A	110178	23648A	110178
61920286	113378	22769D	110484	23606D	110178	23648B	110178
61920287	111184	22775A	110482	23606E	110178	23649A	110178
61920289	111184	22775E	110482	23606F	110178	23649B	110178
61920310	111738	22780A	110483	23609A	110179	23650A	110178
61920311	111289	22780B	110483	23609B	110179	23650B	110178
61920312	110759	22780D	110483	23610A	110178	23651A	110178
61920314	111289	22783A	110484	23611A	110179	23652A	110179
61920315	111086	22785A	110482	23612A	110178	23652B	110179
61920316	111086	22785D	110482	23614A	110178	23653A	110179
61920334	112128	22788A	110483	23614B	110178	23653B	110179
61920335	112205	22789A	110482	23614D	110178	23654A	110179
61920400	111086	22791A	110483	23616A	111184	23654B	110179
61920401	112128	22792A	110484	23616B	111184	23655A	110179
61920402	112205	23544A	110178	23616D	111184	23655B	110179
61920415	110813	23544F	110178	23617A	111185	23656A	110179
61924031	110518	23544H	110178	23617B	111185	23656B	110179
61924050	110536	23548A	110178	23617D	111185	23658A	110178
61924050	116139	23548D	110178	23618A	111184	23658B	110178
61924051	110523	23548E	110178	23618B	111184	23659A	110179
61924066	110813	23562A	110178	23618D	111184	23659B	110179
61924100	110809	23562B	110178	23618E	111184	23660A	110178
61924101	110315	23562D	110178	23619A	111184	23660B	110178
66021070	110497	23565A	110178	23619D	111184	23661A	110178
66021113	110968	23565B	110178	23620A	110178	23661B	110178
66021155	110497	23566A	110178	23620B	110178	23661D	110178
66921126	110497	23568A	110179	23620D	110178	23662A	110178
66925191	112390	23569A	110178	23620E	110178	23662B	110178
063216731010	110521	23569B	110178	23622A	111185	23662D	110178
004001C01	113683	23570A	110178	23622B	111185	23663A	110179
16ACR	110178	23570B	110178	23623A	110178	23663B	110179
22259D	110483	23572A	110179	23623B	110178	23663D	110179
22700L	110482	23572B	110179	23623D	110178	23664A	110178
22700R	110482	23572D	110179	23623E	110178	23664B	110178
22703F	110483	23573A	111185	23624A	110179	23665A	110179
22703K	110483	23573B	111185	23624B	110179	23665B	110179
22703L	110483	23573D	111185	23625A	110178	23666A	110178
22703M	110483	23575A	110178	23625B	110178	23666B	110178
22704A	110482	23575B	110178	23626A	110179	23667A	110969
22704D	110482	23575D	110178	23626B	110179	23667B	110969
22704H	110482	23576A	110179	23627A	110178	23667D	110969
22704J	110482	23576B	110179	23627B	110178	23668A	110178
22704L	110482	23576D	110179	23629A	110179	23668B	110178
22704Q	110482	23581A	110178	23629B	110179	23668D	110178
22705F	110482	23581E	110178	23629D	110179	23673A	111184
22705L	110482	23582A	110969	23630A	110178	23673B	111184

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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
23674A.....	110178	23717B.....	110178	23774D.....	110178	23830B.....	111185
23674B.....	110178	23717E.....	110178	23775A.....	110179	23831A.....	110178
23675A.....	110179	23718A.....	110178	23775D.....	110179	23832A.....	110968
23675B.....	110179	23718D.....	110178	23777A.....	110178	23832B.....	110968
23675D.....	110179	23719A.....	111185	23777B.....	110178	23833A.....	113474
23676A.....	110178	23719D.....	111185	23778A.....	110178	23835A.....	111948
23676B.....	110178	23721A.....	111185	23778D.....	110178	23835E.....	111948
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23677B.....	111185	23724A.....	110178	23779D.....	111185	23837D.....	110178
23678A.....	110178	23725A.....	110179	23780A.....	110179	23838A.....	110178
23678B.....	110178	23726A.....	110178	23780E.....	110179	23839A.....	111185
23678D.....	110178	23728A.....	110178	23781A.....	110179	23839B.....	111185
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23679B.....	110178	23729A.....	110179	23782D.....	110178	23841A.....	111184
23679D.....	110178	23729B.....	110179	23783A.....	113474	23842A.....	110178
23680A.....	113574	23730A.....	110178	23785A.....	110968	23842A.....	110759
23680D.....	113574	23730B.....	110178	23786A.....	110969	23842A.....	111185
23685A.....	110178	23731A.....	110178	23793A.....	110179	23842A.....	111289
23685B.....	110178	23734A.....	110178	23793B.....	110179	23842A.....	113378
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23686B.....	110968	23736A.....	110179	23795A.....	110178	23844A.....	110178
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23693B.....	111185	23741A.....	110178	23801A.....	110179	23852E.....	110179
23693E.....	111185	23741B.....	110178	23801B.....	110179	23853A.....	110178
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23694B.....	110178	23743A.....	110178	23802B.....	110178	23855A.....	110178
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23695B.....	110178	23747A.....	110178	23805A.....	110178	23857A.....	111184
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23700A.....	110178	23753B.....	110178	23809B.....	111184	23873A.....	111185
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23706D.....	110178	23761B.....	110178	23816B.....	110178	23896A.....	111289
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23707B.....	110179	23762B.....	110178	23818D.....	110179	23903A.....	110178
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23708B.....	110178	23764A.....	110968	23819B.....	110179	23905A.....	111184
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23709B.....	111185	23765B.....	111185	23820B.....	110179	23909A.....	110178
23709D.....	111185	23766A.....	111185	23822A.....	110179	23910A.....	110179
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23713B.....	110178	23768B.....	111184	23824B.....	110179	23915B.....	110178
23713D.....	110178	23769A.....	110178	23825A.....	110178	23916A.....	110179
23714A.....	110178	23769D.....	110178	23825B.....	110178	23917A.....	110179
23714D.....	110178	23770A.....	110179	23826A.....	110969	23917B.....	110179
23715A.....	110178	23770D.....	110179	23826B.....	110969	23918A.....	110178
23715B.....	110178	23771A.....	111185	23827A.....	110178	23919A.....	110178
23715D.....	110178	23771B.....	111185	23827B.....	110178	23920A.....	110178
23716A.....	110178	23773A.....	110179	23828A.....	111184	23920B.....	110178
23716D.....	110178	23773B.....	110179	23828D.....	111184	23921A.....	110179
23717A.....	110178	23774A.....	110178	23830A.....	111185	23922A.....	110179

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23923A	110179	24048A	110179	24156A	110770	24209B	111355
23924A	111185	24049A	113574	24156A	111086	24211A	110178
23925A	111185	24049B	113574	24156A	111355	24211A	110759
23926A	111184	24051A	110178	24156A	111356	24211A	111185
23927A	111184	24052A	110178	24156A	111362	24211A	111289
23928A	111184	24054A	111289	24156A	111364	24211A	113378
23929A	111289	24054F	111289	24156A	111366	24213A	111035
23929D	111289	24058A	110178	24156A	111368	24214A	111035
23935A	110969	24059A	110178	24156A	111738	24214B	111035
23937A	113474	24061A	110178	24156D	111364	24215A	111362
23938A	113474	24061B	110178	24156E	111364	24217A	111176
23939A	110179	24062A	111086	24157A	110770	24217B	111176
23940A	110179	24063A	110968	24157D	110770	24217E	111176
23941A	110179	24063D	110968	24157E	110770	24217F	111176
23942A	110178	24064A	110969	24157E	111176	24220A	110178
23943A	113474	24064B	110969	24157E	111289	24220A	110891
23944A	110178	24065A	111185	24157E	111355	24220B	110891
23945A	111185	24065B	111185	24157E	111362	24221A	111176
23946A	111185	24066A	111184	24157E	111366	24221B	111176
23947A	111184	24066B	111184	24157E	112238	24223A	111368
23948A	110179	24066D	111184	24157F	110770	24228A	112238
23949A	110179	24067A	113474	24158A	111355	24229A	110891
23950A	110179	24067D	113474	24158B	111355	24229D	110891
23951A	110179	24071A	110968	24158D	111355	24230A	110607
23952A	110179	24072A	111356	24161A	112238	24230B	110607
23953A	110179	24072B	111356	24161D	110770	24230E	110607
23954A	110179	24079A	111185	24161D	111355	24231A	111368
23961A	111184	24082A	111185	24161D	112238	24231D	111368
23962A	110178	24083A	111184	24161D	112722	24235A	110968
23963A	110179	24087A	111948	24161D	113574	24235B	110968
23968A	110968	24087B	111948	24161D	114360	24235D	110968
23973A	110178	24087D	111948	24165A	111289	24237A	111184
23974A	110178	24089A	111289	24166A	111204	24240A	110770
23983A	111185	24089F	111289	24169A	111366	24240A	111738
23984A	111184	24090A	113474	24169E	111366	24240A	112238
23985A	111185	24090D	113474	24171A	110641	24241A	112238
23986A	111204	24091A	110891	24177A	111364	24242A	112238
23989A	110178	24091E	110891	24178A	111364	24242D	112238
23990A	110178	24094A	110178	24179A	110178	24245A	111355
23991A	111204	24095A	110178	24180A	110179	24245B	111355
23993A	111185	24098A	111289	24181A	111185	24246A	111363
23994A	111185	24098F	111289	24182A	111184	24246B	111363
23994B	111185	24099A	111185	24185A	111184	24246F	111363
23995A	110968	24103A	110178	24186A	111740	24246J	111363
23996A	113474	24108A	110179	24186B	111740	24250A	111740
23996D	113474	24112A	111289	24186D	111740	24250B	111740
23999A	111204	24114A	111184	24188A	110607	24256A	111363
23999B	111204	24114F	111184	24188B	110607	24256B	111363
24013A	113474	24115A	111184	24188C	110607	24256C	111363
24014A	111204	24115F	111184	24188D	110607	24260A	110107
24015A	113474	24118A	111086	24188E	110607	24260A	110770
24016A	111204	24118H	111086	24198A	111366	24260A	111289
24017A	111204	24118J	111086	24198B	111366	24260A	111356
24019A	111948	24119A	111364	24198D	111366	24260A	111364
24022A	111948	24119H	111364	24199A	111289	24260B	111364
24023A	110179	24123A	110970	24199B	111289	24261A	111362
24024A	111185	24123A	111948	24199D	111289	24262A	110178
24024B	111185	24123B	111948	24200A	110178	24262A	110770
24024D	111185	24123P	111948	24200A	110770	24262A	111086
24024E	111185	24124A	110107	24200A	111086	24262A	111355
24024F	111185	24124B	110107	24200A	111355	24262A	111356
24026A	111185	24128A	111289	24200A	111356	24262A	111362
24026B	111185	24128D	111289	24200A	111362	24262A	111364
24027A	111086	24133A	110179	24200A	111364	24262A	111366
24027B	111086	24133B	110179	24200A	111366	24262A	111368
24028A	111184	24134A	111185	24200A	111368	24262A	111738
24031A	110968	24134E	111185	24200A	111738	24264A	110607
24031B	110968	24136A	111289	24200B	111364	24264B	110607
24033A	110107	24136F	111289	24200D	111364	24273A	111739
24034A	113474	24137A	111289	24200E	111364	24274A	111740
24036A	111185	24140A	110178	24203B	111035	24276A	110770
24037A	111289	24144A	111289	24204A	110107	24277A	111362
24037B	111289	24145A	111364	24206A	110891	24286A	111361
24041A	111078	24145D	110969	24206B	110891	24286F	111361
24041E	111078	24145D	111086	24206D	110891	24289A	111362
24041F	111078	24145D	111356	24206F	110891	24290A	111738
24041H	111078	24145D	111364	24206H	110891	24291A	111355
24044A	110969	24145E	111364	24207A	111176	24293A	111623
24045A	110968	24149A	111086	24208A	110770	24293A	111742
24046A	110891	24153A	110179	24208B	110770	24293A	115890
24046D	110891	24156A	110178	24209A	111355	24294A	110770

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
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24294A.....	112238	25250D.....	110831	26145N.....	110439	26227A.....	110462
24294A.....	112722	25250J.....	110831	26147A.....	110462	26227A.....	116137
24294A.....	113574	25255A.....	110831	26147A.....	116137	26227D.....	110462
24294A.....	114360	25255D.....	110831	26147H.....	110462	26227D.....	116137
24294B.....	111355	25255H.....	110831	26147H.....	116137	26227E.....	110462
24296A.....	111364	25257A.....	110363	26147J.....	110462	26227E.....	116137
24297A.....	112238	25257D.....	110363	26147J.....	116137	26227F.....	110462
24298A.....	111362	25270A.....	110336	26147M.....	110462	26227F.....	116137
24300A.....	110770	25270K.....	110336	26147M.....	116137	26227H.....	110462
24318A.....	111289	25270X.....	110336	26148A.....	110443	26227H.....	116137
24322A.....	112722	25271A.....	110336	26148F.....	110443	26227J.....	110462
24322B.....	112722	25271F.....	110336	26148H.....	110443	26227K.....	110462
24327A.....	111363	25272A.....	110336	26148N.....	110443	26227K.....	116137
24332A.....	111364	25272B.....	110336	26151A.....	110442	26227N.....	110462
24334A.....	111176	25272H.....	110336	26151F.....	110442	26227N.....	116137
24356A.....	111355	25276A.....	110831	26151H.....	110442	26227Q.....	110462
24374A.....	111623	25276E.....	110831	26151N.....	110442	26227Q.....	116137
24374A.....	111742	25277A.....	110831	26153A.....	110464	26227R.....	110462
24374A.....	115890	25277F.....	110831	26153H.....	110464	26227R.....	116137
24380A.....	112238	25281A.....	110831	26153J.....	110464	26227V.....	110462
25022F.....	111103	25281B.....	110831	26153N.....	110464	26227V.....	116137
25022Q.....	111103	25281E.....	110831	26154A.....	110439	26233A.....	110439
25022R.....	111103	25286A.....	110363	26154H.....	110439	26233B.....	110439
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25061D.....	111103	25288A.....	110831	26154L.....	110439	26233H.....	110439
25079A.....	111103	25288D.....	110831	26154M.....	110439	26233J.....	110439
25079B.....	111103	25288H.....	110831	26154N.....	110439	26233K.....	110439
25079C.....	111103	25289A.....	110336	26166A.....	110464	26233L.....	110439
25079D.....	111103	25289D.....	110336	26166D.....	110464	26233M.....	110439
25079E.....	111103	25289H.....	110336	26166E.....	110464	26246A.....	111573
25079F.....	111103	25289J.....	110336	26166L.....	110464	26246E.....	111573
25079H.....	111103	25331A.....	110831	26167A.....	110818	26246L.....	111573
25079J.....	111103	25331B.....	110831	26167D.....	110818	26246M.....	111573
25079X.....	111103	25331D.....	110831	26167E.....	110818	26259A.....	110440
25083A.....	111102	25333A.....	110831	26167L.....	110818	26259K.....	110440
25083E.....	111102	25335A.....	110336	26173A.....	110818	26259L.....	110440
25083F.....	111102	25335B.....	110336	26173B.....	110818	26259N.....	110440
25083H.....	111102	25345A.....	111102	26173E.....	110818	26264E.....	110439
25083J.....	111102	25356A.....	110831	26173F.....	110818	26264J.....	110439
25083X.....	111102	25357A.....	110336	26186A.....	110439	26281A.....	110442
25085A.....	111103	25368A.....	110831	26189A.....	110462	26281E.....	110442
25085B.....	111103	25372A.....	114650	26189A.....	116137	26281F.....	110442
25088A.....	111103	25648A.....	110336	26189F.....	110462	26281H.....	110442
25088B.....	111103	25648K.....	110336	26189F.....	116137	26281J.....	110442
25088E.....	111103	25681A.....	111865	26193A.....	110438	26281R.....	110442
25088H.....	111103	25681D.....	111865	26193D.....	110438	26283A.....	110443
25088J.....	111103	25692A.....	113745	26196A.....	110443	26283F.....	110443
25092D.....	111103	25692F.....	113745	26196B.....	110443	26283H.....	110443
25105A.....	111102	25692H.....	113745	26198A.....	110442	26283J.....	110443
25105B.....	111102	25692J.....	113745	26200A.....	110439	26283K.....	110443
25105X.....	111102	25696A.....	111865	26200B.....	110439	26284E.....	110545
25138A.....	111103	25696E.....	111865	26208E.....	110439	26285A.....	110817
25138J.....	111103	25696H.....	111865	26211A.....	110462	26285E.....	110817
25147A.....	111102	25696J.....	111865	26211A.....	116137	26285F.....	110817
25147B.....	111102	25696L.....	111865	26211A/L.....	110462	26286A.....	110464
25147E.....	111102	25755A.....	113745	26211A/L.....	116137	26286E.....	110464
25147H.....	111102	25756A.....	113745	26211D.....	110462	26286F.....	110464
25149B.....	111103	26024033A.....	113478	26211D.....	116137	26286H.....	110464
25149D.....	111103	26024242A.....	114821	26211E.....	110462	26286J.....	110464
25149H.....	111103	26025009B.....	110615	26211E.....	116137	26288A.....	110438
25196A.....	111102	26025016A.....	110368	26211H.....	110462	26288E.....	110438
25196F.....	111102	26025110A.....	111574	26211H.....	116137	26288F.....	110438
25204A.....	110336	26025117A.....	110523	26211L.....	110462	26294A.....	111737
25204E.....	110336	26025128A.....	110442	26211L.....	116137	26294B.....	111737
25204H.....	110336	26025136A.....	110524	26211M.....	110462	26294D.....	111737
25204L.....	110336	26025198A.....	110440	26211M.....	116137	26294E.....	111737
25205A.....	110336	26071H.....	110818	26211N.....	110462	26294F.....	111737
25205J.....	110336	26071J.....	110818	26211N.....	116137	26294N.....	111737
25205L.....	110336	26143A.....	110818	26211Q.....	110462	26294Q.....	111737
25206J.....	110831	26143B.....	110818	26211Q.....	116137	26295A.....	110460
25206T.....	110831	26143H.....	110818	26211T.....	110462	26295B.....	110460
25208A.....	110336	26143J.....	110818	26211T.....	116137	26295D.....	110460
25208E.....	110336	26143K.....	110818	26211U.....	110462	26295E.....	110460
25219K.....	112390	26143L.....	110818	26211U.....	116137	26295F.....	110460
25238A.....	111102	26143M.....	110818	26213A.....	110462	26295M.....	110460
25238E.....	111102	26143N.....	110818	26213A.....	116137	26298D.....	111346
25239A.....	111103	26143P.....	110818	26215A.....	114713	26304A.....	111573
25239F.....	111103	26143Q.....	110818	26215E.....	114713	26304B.....	111573
25249B.....	110336	26145A.....	110439	26215F.....	114713	26304D.....	111573
25249F.....	110336	26145F.....	110439	26215H.....	114713	26305A.....	113380

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
26305B.....	113380	26376K.....	111573	27311E.....	112670	27510E.....	110565
26305D.....	113380	26376L.....	111573	27311H.....	112670	27511A.....	110465
26305H.....	113380	26390A.....	110813	27315A.....	112670	27512A.....	110545
26305J.....	113380	26390B.....	110813	27315B.....	112670	27512D.....	110545
26305N.....	113380	26390E.....	110813	27315E.....	112670	27512F.....	110545
26310A.....	110817	26391A.....	110439	27409A.....	110439	27513A.....	111573
26310D.....	110817	26395A.....	110462	27409B.....	110439	27515A.....	110462
26310E.....	110817	26395A.....	116137	27409D.....	110439	27515A.....	116137
26310F.....	110817	26395B.....	110462	27413A.....	110818	27518A.....	110615
26310H.....	110817	26395B.....	116137	27413D.....	110818	27518B.....	110615
26321A.....	110440	26395D.....	110462	27415A.....	110442	27518E.....	110615
26321B.....	110440	26395D.....	116137	27415B.....	110442	27518H.....	110615
26321D.....	110440	26395E.....	110462	27415D.....	110442	27518J.....	110615
26321F.....	110440	26395E.....	116137	27417A.....	110443	27519A.....	110460
26323A.....	110565	26395F.....	110462	27417B.....	110443	27519D.....	110460
26329A.....	113380	26395F.....	116137	27417D.....	110443	27520A.....	110615
26329B.....	113380	26395H.....	110462	27419A.....	110464	27520D.....	110615
26329D.....	113380	26395H.....	116137	27419D.....	110464	27522A.....	110819
26329K.....	113380	26398A.....	112136	27420A.....	110438	27522D.....	110819
26329L.....	113380	26398F.....	112136	27420B.....	110438	27523A.....	110565
26338A.....	110462	26398H.....	112136	27423A.....	110818	27523D.....	110565
26338A.....	116137	26400A.....	110444	27424A.....	110817	27526A.....	111573
26339A.....	110462	26400B.....	110444	27424B.....	110817	27526D.....	111573
26339A.....	116137	26400D.....	110444	27425A.....	110441	27533A.....	112136
26339B.....	110462	26408A.....	110460	27425B.....	110441	27533E.....	112136
26339B.....	116137	26408D.....	110460	27427A.....	110817	27537A.....	110460
26339D.....	110462	26408E.....	110460	27427E.....	110817	27537B.....	110460
26339D.....	116137	26410A.....	110565	27430A.....	113381	27539A.....	110565
26339E.....	110462	26410B.....	110565	27430B.....	113381	27539F.....	110565
26339E.....	116137	26411A.....	110819	27431A.....	110444	27540A.....	110819
26339F.....	110462	26411B.....	110819	27431B.....	110444	27540H.....	110819
26339F.....	116137	26412A.....	110439	27432A.....	110439	27541A.....	111346
26339H.....	110462	26414A.....	111346	27435A.....	110443	27541D.....	111346
26339H.....	116137	26414E.....	111346	27440A.....	110640	27543A.....	110459
26339K.....	110462	26416A.....	110459	27440B.....	110640	27543D.....	110459
26339K.....	116137	26416D.....	110459	27446A.....	110440	27546A.....	110819
26341A.....	110565	26416E.....	110459	27459A.....	110439	27546B.....	110819
26341B.....	110465	26422A.....	110443	27460A.....	110441	27553A.....	113380
26341D.....	110465	26428A.....	112660	27460B.....	110441	27553D.....	113380
26341J.....	110465	26430A.....	113380	27463A.....	110818	27554A.....	110465
26342A.....	110545	26430D.....	113380	27463D.....	110818	27554B.....	110465
26342B.....	110465	26431A.....	110465	27468A.....	110440	27559A.....	110460
26342D.....	110545	26431B.....	110465	27468B.....	110440	27559E.....	110460
26342K.....	110545	26436A.....	110460	27469A.....	110439	27564A.....	111574
26342L.....	110465	26436B.....	110460	27470A.....	110439	27564F.....	111574
26343A.....	111573	26814A.....	111303	27470B.....	110439	27565B.....	111346
26343B.....	111573	26814B.....	111303	27470D.....	110439	27565D.....	111346
26343D.....	111573	26814D.....	111303	27470H.....	110439	27568A.....	111346
26343K.....	111573	26914A.....	110867	27474A.....	110439	27569A.....	110462
26345A.....	110565	26914F.....	110867	27474B.....	110439	27569A.....	116137
26345B.....	110565	26920A.....	112277	27477A.....	114730	27569B.....	110462
26345D.....	110565	26920E.....	112277	27480A.....	110439	27569B.....	116137
26345E.....	110565	26921168A.....	113683	27480B.....	110439	27569E.....	110462
26345J.....	110565	26925155A.....	110462	27488A.....	110439	27569E.....	116137
26349A.....	110459	26925155A.....	116137	27500A.....	110462	27570A.....	110615
26349B.....	110459	26925155B.....	110462	27500A.....	116137	27570B.....	110615
26349D.....	110459	26925155B.....	116137	27500B.....	110462	27571A.....	110819
26349H.....	110459	26925159A.....	111310	27500B.....	116137	27571B.....	110819
26357A.....	111737	26925159B.....	111310	27500D.....	110462	27572A.....	110565
26357B.....	111737	26925159E.....	111310	27500D.....	116137	27572B.....	110565
26357D.....	110615	26925188A.....	110438	27500J.....	110462	27577A.....	110461
26357E.....	111737	26925188D.....	110438	27500J.....	116137	27583A.....	110565
26357R.....	111737	26925189A.....	110439	27501A.....	110461	27583D.....	110565
26358A.....	110460	26925189D.....	110439	27501A.....	112251	27587A.....	110545
26358B.....	110460	26925193A.....	110565	27501B.....	110461	27587B.....	110545
26358H.....	110460	26925194A.....	110443	27501B.....	112251	27588A.....	110615
26359A.....	111737	26925194D.....	110443	27501E.....	110461	27593A.....	110819
26359B.....	111737	26925196A.....	111346	27501E.....	112251	27627B.....	111346
26359F.....	111737	26925198A.....	110440	27502A.....	111737	2871A152.....	112112
26366A.....	110565	26925198D.....	110440	27502D.....	111737	2871A157.....	112112
26366F.....	110565	26925200A.....	110441	27503A.....	110460	40001C01.....	113683
26369A.....	111737	26925202B.....	112232	27503D.....	110460	529965EX.....	112660
26369H.....	111737	26925240A.....	110421	27504A.....	113380	54022160D.....	111362
26369J.....	111737	26925262B.....	112660	27504B.....	113380	54022314B.....	111176
26371A.....	110444	26925316A.....	110615	27506A.....	110615	54022394A.....	111623
26371D.....	110444	26925316B.....	110615	27506D.....	110615	54022394A.....	111742
26371E.....	110444	26925519A.....	110565	27507A.....	113380	54022394A.....	115890
26371F.....	110444	26935D.....	110867	27507B.....	113380	54022394B.....	111623
26375A.....	110443	27309A.....	112670	27508A.....	112660	54022394B.....	111742
26375D.....	110443	27309E.....	112670	27508B.....	112660	54022394B.....	115890
26376A.....	111573	27311A.....	112670	27508D.....	112660	54022394D.....	111623

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
54022394D	111742	30281017	110520	63216896	110522	63223800	116681
54022394D	115890	30281018	110517	63216898	110522	63223802	116681
54022394E	111623	30281020	110518	63217101	110813	63223807	116681
54022394E	111742	30281027	110520	63217104	110814	63223830	116681
54022394E	115890	30380301	110529	63217106	111284	63224017	113446
54022616A	114360	30380319	110813	63217116	110519	63224170	110521
A0828	112097	30680274	111180	63217116	112249	63224580	110521
A0924	110766	30680274	116133	63217121	113381	63224600	110529
A8520	110659	30680316	112768	63217125	110813	63226301	110213
LRA002043	111495	30680350	110912	63217126	110813	63226391	110213
LRA02116	113543	30680353	110890	63217138	110530	63226631	112390
LRA03022	113600	50246218	111010	63217147	110814	63226689	111750
LRA0468	111626	50246416	112537	63217148	110814	63226801	111865
LRA0469	111956	50246648	112124	63217158	112039	63226845	110818
LRA1860	112529	54022720	111623	63217158	115344	63226920	112277
LRA1860	116129	54022720	111742	63217158	116685	63226942	110867
LRA2378	112097	54022720	115890	63217163	111284	63227014	111131
LRD100	1110482	54208288	116126	63217173	115423	63227051	111303
LRS01910	111254	54293284	110615	63217180	115423	63227413	110818
LRS138	110464	63101002	111422	63217201	110517	63227468	110440
LRS2853	113710	63101007	115951	63217225	110517	63227470	110819
LS926	110545	63101015	112382	63217226	110517	63227478	110615
NAB300	110968	63101018	112382	63217410	111693	63227479	110442
NAB301	110969	63101021	113962	63217433	115423	63227479	110565
NAB302	110970	63102003	111420	63220537	110365	63227479	111346
NAB307	110975	63102007	112382	63220703	110365	63227479	114388
NAB501	110977	63102018	112382	63220713	110365	63227479	114650
NAB900	110497	63102020	112382	63220723	110365	63227479	116308
NAB9000M	113152	63102022	113962	63220733	110365	63227480	110819
NAB900M	112237	63103002	112124	63220743	110365	63227485	114730
NAB901	110977	63103007	112124	63221405	112034	63227486	110615
NAB902	110976	63103015	112382	63221435	112034	63227488	110819
NAB903	110577	63103019	111310	63221435	112171	63227489	110464
NAB904	110976	63103022	112124	63221435	113307	63227501	110461
NAB905	111204	63103024	112382	63221435	116556	63227508	112660
NDB100	110482	63103031	113962	63221604	111505	63227512	110545
NDB101	110483	63111005	111685	63221800	111025	63227518	110615
NSB101	110831	63111006	111911	63221830	111025	63227520	110615
NSB103	110831	63111007	111685	63221832	110365	63227528	110818
NSB132	112124	63111023	111347	63221890	111025	63227541	111346
NSB409	110440	63111043	111347	63221892	110365	63227564	112267
NSB415	110818	63112003	113752	63222005	113446	63227565	111346
NSB500	110442	63113001	113925	63222034	116327	63227568	111346
NSB501	110442	63113002	113430	63222035	112533	63227569	110462
NSB503	110443	63114014	112026	63222138	116327	63227569	116137
NSB509	110439	63114017	113446	63222405	110352	63227585	110615
NSB511	110440	63187051	112821	63222408	110352	63227588	110615
NSB512	110441	63191007	115951	63222435	110352	63227590	111346
NSB513	110818	63193001	113925	63222436	110352	63227596	110615
NSB515	110464	63206704	110524	63222438	110352	63227598	111346
NSB520	110462	63206834	111755	63222506	110352	63227599	111346
NSB520	116137	63213815	110529	63222831	112124	63227601	112136
NSB521	110461	63214308	110520	63222833	112124	63230001	113346
NSB522	110615	63214333	110520	63222836	111585	63253010	111131
NSB523	110545	63214371	110520	63222837	111585	63253020	110867
NSB524	110615	63216701	110521	63222888	111422	63280001	112235
NSB529	110565	63216702	110520	63222889	111422	63280002	112340
NSB530	110819	63216703	110518	63222890	111422	63280005	112235
NSB531	110565	63216704	110521	63222897	111585	63280010	111906
NSB532	110459	63216725	110521	63222904	111420	63280040	113654
NSB534	113380	63216726	110521	63222905	111585	63280041	113655
NSB535	110465	63216727	110521	63222908	111585	63280042	113962
NSB540	110565	63216731	110521	63222936	111422	63280044	113962
S0850	110813	63216733	110520	63223001	112124	63280045	113719
S4515	110819	63216740	110518	63223031	112124	63280045	115869
S4523	110818	63216741	110518	63223033	112124	63280070	111911
S9463	113668	63216747	110521	63223039	114758	63280071	114072
		63216748	110521	63223085	112124	63280090	114126
		63216800	110529	63223101	112124	63280091	113254
		63216802	110519	63223103	113346	63280901	113659
		63216814	110530	63223104	113346	63291405	110585
		63216816	111001	63223200	111422	63293039	113750
		63216825	110529	63223209	112172	63293039	114758
		63216826	110529	63223303	112124	63293537	111911
		63216827	110529	63223433	111400	63293538	113701
		63216831	110529	63223434	111010	63296357	110615
		63216833	110519	63223435	114118	63300506	110899
		63216873	110522	63223438	112309	63300521	111180
		63216874	110529	63223537	111911	63300521	116133
		63216876	110530	63223538	113701	63300802	111180
		63216884	110530	63223730	111685	63300802	116133
MAGNETI MARELLI							
27522	110819						
27540	110819						
27571	110819						
2707130	110442						
4737758	110519						
4755110	110522						
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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63300900	116133	63304087	112097	63307108	111078	63320049	111686
63300901	111180	63304088	112078	63307126	111078	63320053	112719
63300901	116133	63304088	112079	63307128	111078	63320053	116331
63300920	111180	63304088	112097	63307150	110912	63320055	111148
63300920	116133	63304090	112078	63307160	110912	63320056	111035
63300921	111180	63304090	112079	63307206	110882	63320060	112097
63300921	116133	63304090	112097	63307207	110882	63320094	111687
63300931	111035	63304091	112078	63307227	110882	63320100	110890
63300931	111180	63304091	112079	63307236	110890	63320105	111620
63300931	116133	63304091	112097	63307246	110882	63320111	113533
63303100	110611	63304093	112078	63307256	110882	63320112	110912
63303110	110611	63304093	112079	63307400	110912	63320121	111620
63303120	110611	63304093	112097	63307401	111035	63320124	114669
63303130	110611	63304095	112078	63307405	110912	63320125	112719
63303140	110611	63304095	112079	63307407	110912	63320125	116331
63303150	110611	63304095	112097	63307410	110912	63320128	110912
63303191	110611	63304100	112097	63307420	110912	63320129	111620
63303192	110611	63304120	112097	63307425	110912	63320130	111035
63303500	110611	63304800	110611	63307427	110912	63320137	114669
63303502	111078	63304807	110882	63307429	110912	63320140	113471
63303581	110912	63304807	110890	63307430	110912	63320141	110912
63303610	111035	63304807	111418	63307431	111035	63320200	111411
63303701	111078	63304807	111686	63307450	110912	63320218	111756
63303703	111078	63304807	114669	63307460	110912	63320219	111411
63303721	111078	63304807	115689	63307466	114714	63320226	113939
63303731	111078	63304807	115873	63307470	110912	63320243	112325
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63304000	112078	63305150	110912	63307536	110890	63320258	111505
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63304000	112097	63305226	110882	63307624	111148	63320319	111036
63304001	112078	63305236	110882	63307634	111148	63320319	111411
63304001	112079	63305256	110882	63307801	111620	63320319	111505
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63304002	112078	63305300	110912	63307822	111686	63320333	113939
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63304010	112078	63305401	111035	63307862	111686	63320511	111416
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63304010	112097	63305405	110912	63308300	112097	63321000	111036
63304011	112097	63305406	110912	63308310	112097	63321001	111078
63304012	112097	63305424	110912	63308320	112097	63321003	111035
63304020	112078	63305425	110912	63308330	112097	63321005	111035
63304020	112079	63305426	110912	63308340	112097	63321007	111148
63304020	112097	63305430	110912	63308350	112097	63321008	110912
63304021	112097	63305431	111035	63308360	112097	63321010	110912
63304022	112097	63305450	110912	63308370	112097	63321011	112719
63304030	112078	63305506	110890	63308380	112097	63321011	116331
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63304031	112097	63305536	110890	63310504	114451	63321021	111686
63304040	112078	63305606	110890	63310508	113247	63321022	111686
63304040	112079	63305621	110912	63320001	111036	63321023	111148
63304040	112097	63305721	110911	63320002	111078	63321028	112719
63304041	112097	63305722	110911	63320003	112719	63321028	116331
63304050	112078	63305800	111153	63320003	116331	63321031	111686
63304050	112079	63305801	111620	63320004	111035	63321035	110882
63304050	112097	63305802	111686	63320007	112719	63321036	110882
63304051	112097	63305820	111153	63320007	116331	63321037	110882
63304061	112097	63305822	111686	63320008	112719	63321041	110890
63304075	112078	63305832	111686	63320008	116331	63321042	111418
63304075	112079	63305842	111686	63320015	111686	63321042	115873
63304075	112097	63305862	111078	63320016	111148	63321044	111418
63304078	112078	63306000	112097	63320018	111620	63321044	115873
63304078	112079	63306050	112097	63320021	110882	63321045	112097
63304078	112097	63306060	112097	63320023	110890	63321046	112097
63304079	112078	63306070	112097	63320024	111418	63321047	112097
63304079	112079	63306079	112097	63320024	115873	63321048	112097
63304079	112097	63306089	112097	63320025	112097	63321049	112097
63304081	112078	63306300	112097	63320026	111620	63321050	112097
63304081	112079	63306301	112097	63320028	111035	63321052	112097
63304081	112097	63306302	112097	63320031	112719	63321055	112097
63304082	112078	63306350	112097	63320031	116331	63321056	111620
63304082	112079	63306360	112097	63320032	111620	63321057	112728
63304082	112097	63306370	112097	63320035	111148	63321061	110912
63304083	112078	63306379	112097	63320037	112768	63321062	111620
63304083	112079	63306389	112097	63320039	111082	63321063	112097
63304083	112097	63306701	111078	63320040	113471	63321068	111148
63304084	112078	63306721	111078	63320042	111620	63321070	111148
63304084	112079	63306731	111078	63320044	111620	63321071	110912

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAGNETI MARELLI <i>Continued</i>							
63321072	111620	63321358	112021	63321734	113575	63341244	112121
63321080	110912	63321361	111802	63321740	113404	63341321	112021
63321081	112728	63321362	111416	63321741	112648	63341343	112698
63321082	113471	63321364	111505	63321743	113621	63341344	112698
63321083	111082	63321367	111416	63321744	114384	63341358	112021
63321084	111620	63321396	111689	63321746	112142	63341636	112203
63321086	111620	63321406	111568	63321747	113537	63341641	110619
63321095	112768	63321409	112719	63321753	113529	63341658	112384
63321096	111620	63321409	116331	63321758	113599	63341666	112325
63321099	111686	63321414	111720	63321760	115551	63341669	112121
63321103	112719	63321414	113336	63321761	114899	63341677	112142
63321103	116331	63321414	113943	63321765	113535	63341678	112143
63321104	112097	63321418	113942	63321770	110619	63341679	111795
63321112	112719	63321419	113939	63321771	111723	63341691	112121
63321112	116331	63321422	112698	63321772	112782	63341695	112325
63321113	111036	63321424	114669	63321774	114894	63341697	111795
63321114	111082	63321425	112325	63321775	113535	63341702	112384
63321115	112097	63321436	113939	63321776	115615	63341712	111411
63321120	112719	63321453	111568	63321779	115664	63341723	112782
63321120	116331	63321458	114669	63321782	115476	63341724	112121
63321136	113471	63321465	112698	63321791	115476	63341727	112203
63321141	113471	63321466	113763	63321792	111568	63341730	112121
63321146	111686	63321470	111411	63321801	113942	63341733	113405
63321152	111620	63321473	112698	63321803	113939	63341746	112142
63321153	111620	63321485	111568	63321804	113336	63341758	113599
63321154	111035	63321488	113471	63321804	113943	63341770	110619
63321161	112097	63321489	111568	63321805	113336	63341797	111795
63321163	112097	63321491	113336	63321805	113943	63341896	114025
63321165	111687	63321492	114669	63321806	113943	63351774	114894
63321170	111803	63321493	110912	63321809	111413	63358010	111289
63321172	110912	63321497	113336	63321810	113536	63358020	111289
63321173	113471	63321497	113943	63321815	113987	63362003	110899
63321178	112728	63321501	113336	63321817	113621	63362004	110899
63321180	110890	63321501	113943	63321819	113536	63362006	110899
63321189	111036	63321502	114669	63321820	111416	63374070	114009
63321190	113533	63321503	114669	63321823	112142	63377001	114899
63321191	112719	63321506	113939	63321826	113943	63377002	113718
63321191	116331	63321507	113336	63321828	113405	63377004	114204
63321197	110912	63321510	111148	63321829	113246	63377005	113996
63321200	111411	63321600	111411	63321832	114894	63377006	113718
63321204	111416	63321602	113537	63321833	113338	63377007	115615
63321205	111802	63321603	111505	63321836	113536	63377008	113718
63321227	111568	63321604	111505	63321848	111411	63377009	115615
63321232	113942	63321606	111689	63321858	113336	63377011	114462
63321233	111411	63321607	111689	63321859	113336	63377013	113535
63321234	113537	63321609	111689	63321862	113987	63377014	114755
63321235	111505	63321611	111413	63321869	114899	63377015	114749
63321237	111568	63321612	113536	63321870	113537	63377017	114493
63321238	111756	63321614	111413	63321872	115665	63377018	115429
63321239	112202	63321615	111416	63321880	115460	63377023	114451
63321244	112121	63321616	111416	63321895	115460	63377025	115852
63321251	111416	63321617	111802	63321896	114025	63377028	115346
63321252	111689	63321625	111689	63321897	114025	63377029	114451
63321257	112325	63321629	115476	63321898	112142	63377029	115578
63321270	111411	63321636	112203	63321940	113996	63377030	115647
63321275	111416	63321641	110619	63324145	111364	63377031	115620
63321276	111802	63321658	112384	63324157	110770	63377300	113246
63321278	111413	63321658	114025	63324157	111364	63377402	111795
63321279	111795	63321660	111416	63324157	113474	63377403	112142
63321280	113537	63321661	111416	63324231	111368	63377407	114009
63321281	111505	63321663	113537	63324233	110891	63377409	112143
63321282	111416	63321666	112325	63324242	112238	63377410	111795
63321283	111689	63321669	112121	63324245	111355	63377412	112142
63321285	112718	63321671	111723	63324264	110607	63377413	112142
63321287	113536	63321677	112142	63324273	111739	63377416	113849
63321292	115672	63321678	112143	63324274	111740	63377416	116294
63321295	111689	63321679	111795	63324290	111738	63377418	114248
63321300	111505	63321691	112121	63324293	111623	63377420	114083
63321310	113942	63321695	112325	63324293	111742	63377421	114804
63321311	111413	63321697	111795	63324293	115890	63377423	114895
63321321	112021	63321702	112384	63324294	116126	63377424	114409
63321324	112698	63321702	114025	63324296	111364	63377425	114754
63321330	113536	63321712	111411	63324327	111363	63377426	114806
63321331	111568	63321715	115476	63324387	111355	63377426	115874
63321332	111568	63321718	113718	63324407	112722	63377460	113763
63321342	111756	63321723	112782	63325256	111363	63377461	113763
63321343	112698	63321724	112121	63340004	112021	63377462	113763
63321344	112698	63321727	112203	63341200	111411	63377463	115742
63321346	112718	63321729	113536	63341233	111411	63377464	113967
63321347	112718	63321730	112121	63341238	111756	63377466	114302
63321355	113939	63321733	113405	63341239	112202	63377480	114023

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
63377490	114204	MAN342	111036	9125030	110532	9142880	110530
63377491	113904	MSN2039	113182	9125100	110205	9142900	111855
63377492	113955	MT38M	111217	9125110	112119	9142900	116128
63377493	113720	MT38R	111217	9125120	110214	9142903	114388
63377493	116064	MT38R	113705	9125130	110212	9144702	113269
63377495	115308	MT38RA	111217	9125150	111231	9144722	110545
63377496	114249	MT41A	112173	9125220	110206	9144742	110551
63377558	115667	MT43HA	110520	9125240	110207	9144743	110530
63377566	115546	MT56A	111001	9125250	110208	9144744	110529
63377566	116357	MT62BA	110529	9125260	110206	9144745	110813
63380006	113709	MT67A	110521	9125270	110582	9144763	116596
63395575	112719	MT67AB	110517	9125290	110601	9144820	111001
63395575	116331	MT67AC	110521	9125320	110512	9144821	110530
63396554	111082	MT67AD	110517	9125330	110206	9144965	110462
63505101	111035	MT67B	110520	9125340	110512	9144965	116137
63521070	111015	MT67BA	110520	9125350	111218	9162901	113727
63522235	110813	MT67C	110518	9125370	110534	9162904	114107
63522310	112498	MT67CA	110518	9125400	110535	9172702	113356
94317148	110814	MT67CB	110518	9125420	110209	9172780	113356
94335657	111082	MT67D	110521	9125430	110932	9174602	110523
943226366	110615	MT67DA	110521	9125460	110212	9216202	113716
943251688	111131	MT67DB	110521	9125480	110582	9513031	112098
943305226	110882	MT67AA	110521	9125490	111219	9513053	111662
943320021	110882	MT68A	110529	9125500	110980	9513053	116131
943320023	110890	MT68AB	110529	9141310	111214	9513071	113632
943320025	112097	MT68AC	110529	9141319	112167	9513160	111843
943320049	111686	MT68AD	110529	9141331	112388	9513170	113632
943321017	111620	MT68B	110519	9141350	111241	9514090	111216
943321019	111686	MT68BA	110519	9141382	110352	9514096	111216
943321023	111148	MT68L	110522	9141384	110867	9514566	113716
943321044	110882	MT68LA	110522	9141385	111619	9514590	113716
943321083	111082	MT68LB	110522	9141390	113677	9514593	113716
943321084	111620	MT68LC	110522	9141391	111059	9514696	113716
943321086	111620	MT68MA	110529	9141393	111060	9515010	112098
943321095	112768	MT68MB	110529	9141394	111748	9515040	112238
943322602	112325	MT68P	110530	9141395	112286	9515080	111686
943356274	111180	MT68PA	110530	9141396	112286	9515090	111216
943356274	116133	MT68PB	110530	9141400	110587	9515102	113632
943356305	110882	MT68R	111001	9141404	111070	9515112	113552
943356316	112768	MT68RA	111001	9141410	112131	9515122	113552
943356353	110890	MT68S	110565	9141413	111749	9515170	111888
943356442	110913	MT68T	110536	9141430	111214	9515180	111843
943356621	110923	MT68T	116139	9142320	110521	9515230	112736
943356633	111289	MT68AA	110529	9142700	111755	9515241	113543
943356639	111289	MT71A	110813	9142701	111332	9515310	110641
943356826	110881	MT71AB	110813	9142702	113269	9515310	110766
943358010	111289	MT71AC	110529	9142709	113269	9515311	110641
944280166	112818	MT71AC	110813	9142720	110615	9515361	113632
944280198	113276	MT71D	110814	9142722	114254	9515404	111076
063102021010	113962	MT71DA	110814	9142722	116134	9515414	112162
063103002010	112124	MT71DB	110814	9142724	110461	9515415	112162
063103007010	112124	MT71F	110530	9142726	111855	9515491	111086
063114014010	112026	MT71FA	110530	9142726	116128	9515713	112556
063206704010	110524	MT71FB	110530	9142728	110615	9515713	116454
063206834010	111755	MT71GB	112039	9142740	111041	9515734	111289
063216731010	110521	MT71HB	115423	9142741	110545	9516241	113543
063216827010	110529	MT71L	114265	9142744	110519	9516590	112387
063216876010	110530	MT71LA	114265	9142745	112442	9516591	112387
063217163010	111284	MT71RB	112249	9142745	116130	9516650	110621
63223800010	116681	MT71Z	110640	9142746	110525	9516653	110621
63223802010	116681	MT71AA	110813	9142749	111752	9516660	110622
63223830010	116681	MT72A	110517	9142763	116596	9516661	110622
943251415010	112537	MT72AB	110517	9142764	110818	9516673	112035
943251489010	111251	MT72AA	110517	9142765	110462	9516693	112098
943252216010	113467	MT74A	115423	9142765	116137	9516709	111289
943253266010	112436	MT74BA	112249	9142766	112074	9516714	111035
943254024010	110396	MT74G	110536	9142780	112488	9516716	111168
27593A	110819	MT74G	116139	9142801	111332	9516720	111086
30000A	113346	MT74L	111693	9142802	110536	9516721	111086
30001A	113346	MAGNETON (PAL/SKODA)		9142802	116086	9516740	111289
30002A	113346	8515220	110881	9142802	116139	9516742	111289
30003A	113346	9122110	112822	9142803	110536	9516760	111168
40003A	113654	9122110	115880	9142803	111332	9516761	111168
63321238A	111756	9124310	110523	9142803	112555	9517103	112075
63321730A	112121	9124320	110517	9142803	116086	9517162	111353
63321730B	112121	9124330	110518	9142803	116139	9517181	111820
E100-1.3/12V8	110352	9124340	110601	9142803	116312	9517182	111477
E84-0.8/12V3	110365	9124350	110524	9142804	110565	9517183	111820
M125-3/12	110529	9125010	110210	9142805	111752	9517185	111477
M125M3Z9	110529	9125020	110213	9142840	111693	9517189	111899
M125M3-Z9(3/12)	110529			9142860	110461	9517212	112274

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAGNETON (PAL/SKODA) Continued							
9517213.....	111989	915109E.....	112286	11.130.373.....	110565	11.130.673.....	113464
9517219.....	112043	915111A.....	111909	11.130.376.....	110545	11.130.676.....	113356
9517241.....	112419	915111D.....	112005	11.130.378.....	110866	11.130.687.....	111638
9517403.....	113340			11.130.386.....	110565	11.130.692.....	110545
9517413.....	112079	MAHINDRA		11.130.398.....	110584	11.130.695.....	111885
9517482.....	111884	86992395.....	114224	11.130.399.....	110368	11.130.697.....	110522
9517483.....	112079			11.130.402.....	115535	11.130.704.....	111752
9999984.....	114034	MAHLE LETRIKA		11.130.403.....	110529	11.130.705.....	112135
91428729.....	110464	184452.....	111231	11.130.407.....	110524	11.130.706.....	111332
91455722.....	110545	10.130.121.....	110601	11.130.408.....	110439	11.130.710.....	114254
95124596.....	113716	10.130.123.....	110512	11.130.409.....	110640	11.130.711.....	110439
115901010.....	110622	10.130.141.....	110439	11.130.411.....	110565	11.130.722.....	111060
44311514442.....	110545	10.130.142.....	111217	11.130.412.....	110525	11.130.723.....	112286
334113516414.....	112162	10.130.143.....	111217	11.130.414.....	110545	11.130.728.....	111982
334113516653.....	110621	10.130.172.....	111100	11.130.417.....	112304	11.130.729.....	113466
443113515241.....	113543	10.130.207.....	111217	11.130.418.....	110587	11.130.730.....	112446
443113515414.....	111076	11.103.234.....	110866	11.130.419.....	110565	11.130.730.....	116135
443113515415.....	111076	11.130.003.....	112651	11.130.421.....	111422	11.130.732.....	111304
443113516241.....	113543	11.130.003.....	116690	11.130.432.....	112039	11.130.734.....	114266
443113516404.....	111076	11.130.005.....	110601	11.130.483.....	111131	11.130.736.....	115472
443113516414.....	112162	11.130.007.....	111100	11.130.484.....	110536	11.130.739.....	116130
443113516591.....	112387	11.130.008.....	112039	11.130.487.....	110365	11.130.743.....	110527
443113516630.....	110622	11.130.010.....	110524	11.130.490.....	110518	11.130.748.....	113532
443113516631.....	110622	11.130.019.....	115423	11.130.491.....	110523	11.130.762.....	111755
443113516632.....	110622	11.130.026.....	110536	11.130.492.....	110521	11.130.763.....	111422
443113516634.....	110622	11.130.030.....	112651	11.130.500.....	110814	11.130.766.....	112132
443113516650.....	110621	11.130.030.....	116690	11.130.501.....	115423	11.130.769.....	110461
443113516653.....	110621	11.130.034.....	110856	11.130.503.....	114265	11.130.772.....	111069
443113516660.....	110622	11.130.041.....	110206	11.130.509.....	110565	11.130.773.....	111694
443113516661.....	110622	11.130.074.....	110439	11.130.510.....	113381	11.130.775.....	111749
443113516662.....	110622	11.130.075.....	110523	11.130.520.....	110819	11.130.777.....	110160
443113516670.....	112035	11.130.076.....	110565	11.130.521.....	110530	11.130.782.....	111398
443113516673.....	112035	11.130.083.....	110530	11.130.525.....	115423	11.130.783.....	113346
443113516690.....	112098	11.130.115.....	110512	11.130.526.....	110615	11.130.785.....	114447
443113516693.....	112098	11.130.116.....	110537	11.130.529.....	110584	11.130.787.....	111029
443113516700.....	111362	11.130.117.....	110536	11.130.531.....	112249	11.130.790.....	110585
443113516701.....	111362	11.130.121.....	110520	11.130.532.....	111693	11.130.795.....	110464
443113516741.....	111368	11.130.123.....	110814	11.130.533.....	111755	11.130.807.....	110565
443113516750.....	110622	11.130.124.....	110518	11.130.534.....	111755	11.130.809.....	110807
443113516751.....	110622	11.130.126.....	110537	11.130.537.....	111640	11.130.819.....	111755
443113516752.....	110622	11.130.127.....	110640	11.130.551.....	110536	11.130.820.....	113532
443113516761.....	111168	11.130.134.....	110856	11.130.552.....	110536	11.130.821.....	110551
443113516866.....	110163	11.130.141.....	110523	11.130.556.....	110584	11.130.836.....	113570
443113517103.....	112075	11.130.142.....	111217	11.130.558.....	110839	11.130.841.....	112071
443115141310.....	111214	11.130.146.....	110517	11.130.565.....	112041	11.130.842.....	112494
443115141311.....	111214	11.130.151.....	113464	11.130.567.....	112555	11.130.845.....	112131
443115141313.....	111909	11.130.162.....	110367	11.130.569.....	111755	11.130.854.....	111748
443115141319.....	113677	11.130.170.....	110520	11.130.579.....	110462	11.130.860.....	111224
443115141331.....	112388	11.130.172.....	110523	11.130.579.....	116137	11.130.862.....	110519
443115141338.....	112388	11.130.179.....	110545	11.130.582.....	110585	11.130.872.....	110565
443115141394.....	111909	11.130.193.....	110367	11.130.586.....	110365	11.130.881.....	113482
443115141395.....	112286	11.130.194.....	110439	11.130.595.....	113484	11.130.885.....	110368
443115142350.....	111214	11.130.198.....	110640	11.130.596.....	113465	11.130.886.....	110368
443115142701.....	111332	11.130.200.....	110565	11.130.598.....	113466	11.130.889.....	111752
443115142702.....	113269	11.130.201.....	110530	11.130.612.....	112039	11.130.895.....	112135
443115142709.....	113269	11.130.203.....	110813	11.130.618.....	113381	11.130.896.....	112136
443115142726.....	111855	11.130.208.....	110585	11.130.619.....	113467	11.130.897.....	110545
443115142726.....	116128	11.130.216.....	110517	11.130.620.....	112249	11.130.898.....	111001
443115142740.....	111041	11.130.217.....	110367	11.130.624.....	110462	11.130.899.....	115397
443115142780.....	112488	11.130.219.....	110365	11.130.624.....	116137	11.130.904.....	110565
443115142801.....	111332	11.130.225.....	110521	11.130.626.....	113468	11.130.910.....	111069
443115144420.....	110545	11.130.229.....	110525	11.130.627.....	112074	11.130.911.....	111694
443115144540.....	110551	11.130.230.....	110524	11.130.629.....	110565	11.130.922.....	114677
443115144620.....	110545	11.130.233.....	110587	11.130.630.....	110818	11.130.923.....	113982
443115144640.....	110551	11.130.234.....	110367	11.130.632.....	110819	11.130.923.....	116458
443115144702.....	113269	11.130.247.....	112039	11.130.642.....	111070	11.130.944.....	113466
443115144722.....	114254	11.130.248.....	115423	11.130.645.....	115537	11.130.956.....	111251
443115144722.....	116134	11.130.250.....	112173	11.130.646.....	112295	11.130.957.....	113481
443115144723.....	110522	11.130.251.....	115535	11.130.647.....	110867	11.130.963.....	111131
443115144726.....	110525	11.130.253.....	110530	11.130.651.....	110847	11.130.965.....	110584
443115144729.....	110545	11.130.254.....	111001	11.130.659.....	113968	11.130.967.....	110365
443115144742.....	110551	11.130.300.....	110368	11.130.660.....	116040	11.130.968.....	111025
443115144743.....	110530	11.130.320.....	110449	11.130.661.....	111025	11.130.969.....	111123
443115174602.....	110523	11.130.328.....	110584	11.130.663.....	111224	11.130.972.....	110818
443115174622.....	110520	11.130.338.....	110587	11.130.664.....	111885	11.130.979.....	112496
443115901010.....	110622	11.130.339.....	110524	11.130.665.....	112267	11.130.993.....	112670
444115144702.....	113269	11.130.346.....	110585	11.130.669.....	111332	11.130.997.....	113430
446115144702.....	113269	11.130.362.....	110367	11.130.670.....	111332	11.130.999.....	114050
450115114763.....	116596	11.130.364.....	110520	11.130.671.....	116461	11.131.002.....	112171
915101A.....	114034	11.130.366.....	110522	11.130.672.....	112651	11.131.002.....	116556
915109D.....	112429			11.130.672.....	116690	11.131.010.....	111848

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
11.131.016	111771	11.131.520	114050	11.131.947	114388	11.139.417	112321
11.131.027	114447	11.131.527	114677	11.131.947	116308	11.139.418	111059
11.131.028	114276	11.131.528	113982	11.131.948	113181	11.139.422	113481
11.131.038	112660	11.131.528	116458	11.131.951	116128	11.139.423	112474
11.131.052	112545	11.131.529	114276	11.131.957	116596	11.139.424	112821
11.131.054	111909	11.131.530	114117	11.131.964	114387	11.139.424	115870
11.131.055	111900	11.131.542	113570	11.131.964	116307	11.139.431	113282
11.131.056	113387	11.131.560	112441	11.131.965	115389	11.139.432	111865
11.131.057	112286	11.131.573	115391	11.131.984	114107	11.139.433	111685
11.131.059	114117	11.131.574	115392	11.131.986	114126	11.139.435	111851
11.131.063	113478	11.131.575	115393	11.131.989	114388	11.139.439	111904
11.131.065	111793	11.131.600	113181	11.131.989	116308	11.139.441	113389
11.131.070	110615	11.131.603	110813	11.131.995	115776	11.139.443	113451
11.131.070	114387	11.131.604	113182	11.132.008	114852	11.139.445	111996
11.131.077	114388	11.131.605	114388	11.132.010	112660	11.139.447	112553
11.131.077	116308	11.131.605	116308	11.132.034	115389	11.139.448	113281
11.131.085	113468	11.131.606	114387	11.132.035	114387	11.139.449	112218
11.131.088	111641	11.131.606	116307	11.132.035	116307	11.139.452	110813
11.131.100	112390	11.131.607	114220	11.132.036	114388	11.139.453	110521
11.131.104	113356	11.131.607	116132	11.132.036	116308	11.139.454	110518
11.131.108	116379	11.131.620	116093	11.132.083	114824	11.139.455	110522
11.131.109	111855	11.131.622	111123	11.132.101	113901	11.139.456	113381
11.131.109	116128	11.131.635	110442	11.132.106	114266	11.139.459	112821
11.131.112	114107	11.131.640	114852	11.132.138	114475	11.139.459	115870
11.131.116	113901	11.131.674	115397	11.132.138	116672	11.139.506	110206
11.131.117	113429	11.131.676	113678	11.132.149	114387	11.139.514	110981
11.131.136	113459	11.131.686	114475	11.132.149	116307	11.139.540	116510
11.131.137	112005	11.131.686	116672	11.132.159	110565	11.139.601	114523
11.131.140	115472	11.131.688	115355	11.132.189	116070	11.139.603	110206
11.131.143	111640	11.131.697	114264	11.132.230	115776	11.139.604	114031
11.131.144	113468	11.131.705	114447	11.132.256	116093	11.139.605	113891
11.131.145	115721	11.131.711	114264	11.132.260	114002	11.139.606	114073
11.131.157	112034	11.131.727	113570	11.139.008	110537	11.139.607	113859
11.131.162	110819	11.131.728	113901	11.139.012	110212	11.139.608	113760
11.131.164	112496	11.131.729	113177	11.139.013	110535	11.139.615	113851
11.131.167	113532	11.131.729	115329	11.139.020	110213	11.139.621	114872
11.131.177	111640	11.131.731	115722	11.139.022	112119	11.139.621	115875
11.131.178	113677	11.131.750	113900	11.139.025	110981	11.180.180	111855
11.131.186	113690	11.131.754	116093	11.139.028	110205	11.201.017	111035
11.131.221	113478	11.131.761	114388	11.139.029	110980	11.201.021	110743
11.131.223	113181	11.131.761	116308	11.139.030	111231	11.201.027	110641
11.131.228	114387	11.131.763	114852	11.139.032	110210	11.201.032	110766
11.131.228	116307	11.131.764	110584	11.139.033	111217	11.201.037	111180
11.131.232	114460	11.131.769	116093	11.139.034	110601	11.201.037	116133
11.131.233	113480	11.131.770	112494	11.139.035	110512	11.201.047	110113
11.131.236	113468	11.131.780	114387	11.139.036	110537	11.201.050	110906
11.131.249	114254	11.131.780	116307	11.139.037	110537	11.201.052	110766
11.131.249	116134	11.131.781	114388	11.139.038	110449	11.201.055	112097
11.131.254	114824	11.131.781	116308	11.139.041	110206	11.201.060	111841
11.131.255	115697	11.131.782	115389	11.139.048	111046	11.201.062	113469
11.131.260	114480	11.131.783	116136	11.139.052	110512	11.201.066	110766
11.131.265	115325	11.131.784	114852	11.139.077	111218	11.201.067	110178
11.131.267	112534	11.131.792	114852	11.139.093	116510	11.201.068	111289
11.131.275	113725	11.131.793	114388	11.139.106	110207	11.201.069	110766
11.131.285	111398	11.131.793	116308	11.139.107	112116	11.201.070	110882
11.131.292	114264	11.131.805	115776	11.139.108	111217	11.201.071	112768
11.131.297	113674	11.131.823	116535	11.139.117	110582	11.201.075	112097
11.131.299	115329	11.131.829	111001	11.139.140	110409	11.201.085	111035
11.131.300	113429	11.131.830	114480	11.139.163	112581	11.201.087	110113
11.131.303	115776	11.131.833	116379	11.139.164	111910	11.201.093	111035
11.131.315	114107	11.131.846	112498	11.139.165	112581	11.201.095	110970
11.131.318	113532	11.131.848	114264	11.139.179	114275	11.201.096	110641
11.131.318	116535	11.131.849	115776	11.139.182	116560	11.201.097	111141
11.131.335	113484	11.131.855	116535	11.139.195	115887	11.201.102	111141
11.131.335	116070	11.131.856	115357	11.139.199	113356	11.201.112	110890
11.131.352	114002	11.131.863	114220	11.139.305	111065	11.201.115	111662
11.131.353	114398	11.131.863	116132	11.139.327	112307	11.201.115	116131
11.131.382	115721	11.131.864	114475	11.139.331	112251	11.201.116	111662
11.131.384	113478	11.131.864	116672	11.139.333	113134	11.201.122	111288
11.131.410	114387	11.131.870	115355	11.139.334	112320	11.201.146	112310
11.131.410	116307	11.131.900	114852	11.139.401	112320	11.201.151	110113
11.131.426	113901	11.131.902	113843	11.139.402	111130	11.201.155	110358
11.131.430	114447	11.131.903	113276	11.139.403	111251	11.201.167	111035
11.131.433	115357	11.131.920	114050	11.139.404	110584	11.201.186	110766
11.131.458	113181	11.131.928	111015	11.139.406	111805	11.201.198	111082
11.131.464	114050	11.131.929	113532	11.139.409	111690	11.201.201	110113
11.131.476	112436	11.131.942	114388	11.139.410	112251	11.201.204	111035
11.131.477	112053	11.131.942	116308	11.139.411	112290	11.201.205	111148
11.131.478	114126	11.131.945	115389	11.139.413	111461	11.201.207	111035
11.131.479	115537	11.131.946	114387	11.139.415	111748	11.201.209	112056
11.131.488	115389	11.131.946	116307	11.139.416	111749	11.201.210	111287

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAHLE LETRIKA <i>Continued</i>							
11.201.211	111287	11.201.534	112299	11.201.810	111355	11.203.100	115851
11.201.214	113376	11.201.536	113500	11.201.811	111368	11.203.102	114767
11.201.219	112098	11.201.545	112149	11.201.824	111176	11.203.103	113949
11.201.220	110913	11.201.554	111325	11.201.830	114514	11.203.106	112183
11.201.226	110881	11.201.555	111419	11.201.832	112112	11.203.107	113991
11.201.230	112310	11.201.557	110766	11.201.853	111226	11.203.110	112194
11.201.242	110890	11.201.566	111289	11.201.856	114465	11.203.111	112273
11.201.245	111288	11.201.570	112736	11.201.868	111629	11.203.114	112530
11.201.255	111075	11.201.571	112768	11.201.873	116475	11.203.115	111883
11.201.257	111154	11.201.572	111289	11.201.875	111843	11.203.116	111902
11.201.272	110178	11.201.573	111289	11.201.876	116126	11.203.119	114004
11.201.276	113574	11.201.574	110766	11.201.889	111352	11.203.124	113999
11.201.292	112183	11.201.576	111738	11.201.890	111176	11.203.129	112679
11.201.293	110348	11.201.577	111738	11.201.895	111833	11.203.139	111833
11.201.294	110350	11.201.578	111355	11.201.895	116063	11.203.139	116063
11.201.297	112056	11.201.579	111289	11.201.898	111477	11.203.155	113738
11.201.299	111168	11.201.580	112056	11.201.902	112343	11.203.155	116155
11.201.301	111289	11.201.581	110891	11.201.903	112747	11.203.164	113489
11.201.304	112768	11.201.582	111148	11.201.908	114081	11.203.165	111353
11.201.305	111364	11.201.584	112056	11.201.913	113474	11.203.167	112529
11.201.306	110890	11.201.585	111418	11.201.925	113610	11.203.167	116129
11.201.307	110358	11.201.585	115873	11.201.927	111168	11.203.175	113967
11.201.309	113376	11.201.586	113470	11.201.928	113376	11.203.181	113986
11.201.327	111686	11.201.587	111356	11.201.929	110105	11.203.186	112529
11.201.328	111686	11.201.590	112162	11.201.931	112056	11.203.186	116129
11.201.329	111686	11.201.592	110105	11.201.933	112056	11.203.191	114469
11.201.331	110913	11.201.595	111888	11.201.934	113632	11.203.198	113999
11.201.332	112112	11.201.600	112768	11.201.935	111888	11.203.204	112062
11.201.336	110882	11.201.601	110360	11.201.937	111528	11.203.204	116453
11.201.347	111078	11.201.611	111287	11.201.938	110127	11.203.205	112021
11.201.355	111687	11.201.617	110913	11.201.939	113477	11.203.215	111631
11.201.357	111686	11.201.624	111841	11.201.941	112170	11.203.223	112043
11.201.358	111036	11.201.632	110358	11.201.945	114465	11.203.227	112679
11.201.360	110113	11.201.633	110358	11.201.951	114289	11.203.232	112343
11.201.372	110641	11.201.662	111686	11.201.963	112688	11.203.237	112424
11.201.379	112149	11.201.664	111082	11.201.970	114049	11.203.239	111842
11.201.385	110348	11.201.665	110105	11.201.976	114049	11.203.240	111833
11.201.396	113474	11.201.666	112556	11.201.983	116111	11.203.240	116063
11.201.399	111362	11.201.666	116454	11.201.984	116114	11.203.241	111833
11.201.400	111362	11.201.667	112389	11.201.985	116114	11.203.241	116063
11.201.401	112149	11.201.675	112556	11.201.989	113632	11.203.242	111842
11.201.405	111035	11.201.675	116454	11.201.990	111479	11.203.248	111850
11.201.406	111148	11.201.676	111289	11.201.991	112046	11.203.250	115381
11.201.415	111362	11.201.685	111141	11.201.992	112325	11.203.268	111843
11.201.432	111035	11.201.693	111948	11.201.997	111843	11.203.275	111746
11.201.437	111094	11.201.695	113471	11.203.001	111842	11.203.281	114000
11.201.438	110919	11.201.701	111620	11.203.004	111369	11.203.288	112002
11.201.439	110919	11.201.705	110895	11.203.005	112529	11.203.290	112535
11.201.444	112098	11.201.706	111364	11.203.005	116129	11.203.298	115689
11.201.453	110105	11.201.707	110770	11.203.007	113442	11.203.301	112098
11.201.457	110890	11.201.709	113920	11.203.008	113486	11.203.302	114450
11.201.463	115689	11.201.710	111528	11.203.016	112556	11.203.310	112075
11.201.468	112097	11.201.711	113533	11.203.016	116454	11.203.312	112079
11.201.470	110968	11.201.713	111093	11.203.024	111354	11.203.313	111989
11.201.478	110881	11.201.717	111361	11.203.030	111890	11.203.314	112274
11.201.479	113470	11.201.723	110127	11.203.033	114049	11.203.324	116506
11.201.485	114077	11.201.727	111843	11.203.042	112718	11.203.331	112046
11.201.493	112162	11.201.728	110770	11.203.043	114110	11.203.332	113531
11.201.498	112191	11.201.729	111368	11.203.051	113949	11.203.333	111978
11.201.499	112098	11.201.732	111093	11.203.054	113485	11.203.337	112480
11.201.500	111662	11.201.735	111036	11.203.057	111318	11.203.340	115343
11.201.500	116131	11.201.738	114513	11.203.060	114289	11.203.350	114868
11.201.501	110641	11.201.742	116524	11.203.061	114464	11.203.363	113999
11.201.502	111662	11.201.744	111354	11.203.061	116455	11.203.365	114049
11.201.502	116131	11.201.746	113477	11.203.062	113768	11.203.368	114868
11.201.503	111740	11.201.753	116018	11.203.062	116550	11.203.369	116023
11.201.504	111740	11.201.754	112299	11.203.063	113768	11.203.383	114671
11.201.507	111662	11.201.757	111833	11.203.063	116550	11.203.388	114049
11.201.507	116131	11.201.757	116063	11.203.064	114110	11.203.389	114192
11.201.511	110881	11.201.759	112170	11.203.065	113949	11.203.389	116551
11.201.512	110881	11.201.764	111364	11.203.078	111884	11.203.390	114289
11.201.513	116545	11.201.765	111325	11.203.079	111899	11.203.392	116114
11.201.514	111686	11.201.769	112230	11.203.080	111820	11.203.393	116111
11.201.519	111833	11.201.783	111180	11.203.085	111842	11.203.396	113738
11.201.519	116063	11.201.783	116133	11.203.087	113529	11.203.396	116155
11.201.522	110895	11.201.784	111649	11.203.088	113529	11.203.397	113768
11.201.523	111321	11.201.789	110163	11.203.094	112298	11.203.397	116550
11.201.525	110113	11.201.790	113768	11.203.097	111355	11.203.398	113768
11.201.528	111086	11.201.790	116550	11.203.098	112556	11.203.398	116550
11.201.529	111287	11.201.800	114840	11.203.098	116454	11.203.399	114464
11.201.531	111289	11.201.801	111834	11.203.099	113610	11.203.399	116455

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
11.203.404	113470	11.204.069	113716	11.209.436	112345	72446574	114028
11.203.405	110881	11.204.073	115970	11.209.438	111987	72446575	114753
11.203.415	112098	11.204.098	115970	11.209.439	112720	72446577	114753
11.203.416	113631	11.204.115	114772	11.209.440	112197	72446578	114089
11.203.423	114671	11.204.115	116456	11.209.441	112416	72446642	114314
11.203.433	112698	11.204.116	115899	11.209.442	112561	72446642	116514
11.203.434	115608	11.204.136	116544	11.209.442	116654	72446643	115617
11.203.440	114772	11.204.137	116547	11.209.443	110882	72446644	116117
11.203.440	116456	11.204.159	113999	11.209.445	112076	72446647	115824
11.203.441	115899	11.204.160	114471	11.209.446	112453	72446647	116674
11.203.443	113967	11.204.163	112460	11.209.448	112302	72446708	114212
11.203.452	115970	11.204.166	114767	11.209.454	112427	72446709	114212
11.203.458	113503	11.204.174	114228	11.209.454	115871	AKK4322	111978
11.203.461	116023	11.204.175	115682	11.209.600	113448	AMJ4635	112574
11.203.462	114868	11.204.187	114192	11.209.600	116585	AMJ4636	112575
11.203.468	113771	11.204.187	116551	11.209.601	114036	AMJ4664	112317
11.203.470	112460	11.204.215	114772	11.209.602	113188	AMJ4761	112574
11.203.476	115970	11.204.215	116456	11.209.603	114296	AMJ4762	112575
11.203.493	114896	11.204.233	114228	11.209.604	114212	AMJ5175	112573
11.203.494	113529	11.204.239	113999	11.209.606	113351	AMJ5176	113666
11.203.502	114767	11.204.240	115381	11.209.607	113998	AMJ5272	111092
11.203.512	113640	11.204.244	114767	11.209.608	114528	AMJ5511	113666
11.203.523	114671	11.204.252	115343	11.209.609	113295	AMJ5591	111092
11.203.524	114783	11.204.254	113949	11.209.610	114008	AMJ5592	111091
11.203.565	114808	11.204.255	114767	11.209.611	113998	AMJ5632	110429
11.203.569	111898	11.204.258	114767	11.209.612	114028	AMJ5666	112573
11.203.573	111631	11.204.276	113949	11.209.612	114753	AMJ5690	112487
11.203.631	113771	11.204.280	114110	11.209.614	114753	AMJ5705	112573
11.203.632	113772	11.204.327	114450	11.209.615	114089	AMJ5730	113666
11.203.655	112747	11.204.337	114767	11.209.616	114314	AMJ5991	111092
11.203.656	112046	11.204.372	116545	11.209.616	116514	AZAF4569	114387
11.203.657	116506	11.204.391	113632	11.209.617	115617	AZD2108	111123
11.203.660	111843	11.204.396	111843	11.209.618	116117	AZD2119	110584
11.203.661	115605	11.204.405	113531	11.209.619	114212	AZD2125	113843
11.203.694	114767	11.204.413	115605	11.209.620	114212	AZD2126	113276
11.203.702	114767	11.204.424	113707	11.209.621	115824	AZD2127	111015
11.203.708	113603	11.204.424	116623	11.209.621	116674	AZD3513	111130
11.203.709	113575	11.204.431	113888	11.209.622	114212	AZD3514	111251
11.203.710	112469	11.204.454	115971	11.209.623	116310	AZD3515	110584
11.203.714	114450	11.204.463	114783	11.209.624	114078	AZD3517	111690
11.203.719	113999	11.204.467	114772	11.209.625	113289	AZD3519	111748
11.203.720	114469	11.204.467	116456	11.209.639	116687	AZD3520	111059
11.203.726	115970	11.204.484	114450	11.212.001	111466	AZD3523	113481
11.203.729	114896	11.204.490	114450	11.212.066	110429	AZE0303	110856
11.203.730	113529	11.204.502	114379	11.212.107	112573	AZE0305	111100
11.203.734	114228	11.204.582	112556	11.212.169	112487	AZE1202	111422
11.203.812	114772	11.204.582	116454	11.212.212	113666	AZE1203	110585
11.203.812	116456	11.204.583	113610	11.212.416	111092	AZE1209	111251
11.203.819	113837	11.204.584	115851	11.212.417	111091	AZE1210	111131
11.203.822	113529	11.204.685	116544	11.212.450	112575	AZE1212	110584
11.203.823	114896	11.204.686	116506	11.212.609	112573	AZE1214	110365
11.203.825	114228	11.204.716	116544	11.212.610	113666	AZE1215	111025
11.203.826	115682	11.204.717	116547	11.212.619	112318	AZE1216	111123
11.203.828	114808	11.204.779	116547	11.212.622	112317	AZE1225	111641
11.203.844	111510	11.205.059	113895	11.212.957	111092	AZE1227	112390
11.203.853	113529	11.205.202	115970	11.214.057	111466	AZE1230	113690
11.203.870	113999	11.209.001	111369	11.216.117	112573	AZE1240	114276
11.203.871	112460	11.209.002	111477	11.216.257	113666	AZE1241	114117
11.203.882	114228	11.209.003	111186	11.216.273	112574	AZE1244	112218
11.203.888	116111	11.209.004	112165	72442813	114523	AZE1502	110584
11.203.905	114868	11.209.006	112151	72442831	110206	AZE1507	110584
11.203.921	113510	11.209.011	111514	72442832	114031	AZE1511	111422
11.203.923	112457	11.209.012	111732	72442833	113891	AZE1515	111131
11.203.940	112458	11.209.017	111797	72442834	114073	AZE1516	110365
11.203.943	113248	11.209.020	111426	72442835	113859	AZE1521	110584
11.203.950	112471	11.209.402	111186	72442886	113760	AZE1523	110584
11.203.970	115971	11.209.403	111186	72445470	113448	AZE1528	110365
11.203.998	110127	11.209.407	111426	72445470	116585	AZE1531	111025
11.204.006	113640	11.209.410	111797	72445477	114296	AZE1540	110807
11.204.021	110175	11.209.415	110895	72445479	114036	AZE2101	113481
11.204.022	113245	11.209.416	112803	72445481	113188	AZE2105	112496
11.204.026	113919	11.209.417	112159	72445494	114212	AZE2111	113430
11.204.037	113768	11.209.420	111886	72445486	114212	AZE2113	111848
11.204.037	116550	11.209.421	112561	72445848	116310	AZE2117	112545
11.204.040	113738	11.209.421	116654	72445850	114078	AZE2138	113459
11.204.040	116155	11.209.422	113448	72445886	113351	AZE2141	112496
11.204.049	114783	11.209.422	116585	72445887	113998	AZE2147	112307
11.204.050	110881	11.209.424	112271	72445894	113295	AZE2150	112320
11.204.052	113470	11.209.431	111795	72445895	114528	AZE2151	114460
11.204.054	112046	11.209.434	111834	72446570	113289	AZE2155	112534
11.204.067	115970	11.209.435	112757	72446572	113998	AZE2156	115325

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAHLE LETRIKA <i>Continued</i>							
AZE2160	111398	AZE4199	114387	AZF4220	111001	AZJ3107	110368
AZE2165	113674	AZE4201	114388	AZF4224	114264	AZJ3109	115535
AZE2169	112320	AZE4201	116308	AZF4225	115776	AZJ3110	110529
AZE2185	111749	AZE4202	116128	AZF4227	116535	AZJ3113	110524
AZE2186	112321	AZE4205	116596	AZF4228	115357	AZJ3114	110439
AZE2188	112474	AZE4207	114387	AZF4229	114320	AZJ3115	110640
AZE2189	112821	AZE4214	114107	AZF4230	114220	AZJ3117	110565
AZE2189	115870	AZE4217	112660	AZF4230	116132	AZJ3118	110525
AZE2199	113282	AZE4219	114387	AZF4231	114475	AZJ3119	110545
AZE2201	111865	AZE4220	114388	AZF4231	116672	AZJ3121	110565
AZE2204	111685	AZE4220	116308	AZF4237	112498	AZJ3123	112039
AZE2206	111851	AZE4230	113901	AZF4248	114852	AZJ3128	110536
AZE2210	112553	AZE4244	110565	AZF4258	115389	AZJ3128	116139
AZE2211	113281	AZE4272	116307	AZF4260	115389	AZJ3131	110518
AZE2213	115397	AZE4527	111065	AZF4267	115776	AZJ3132	110523
AZE2226	112821	AZE4534	116379	AZF4269	114852	AZJ3133	110521
AZE2226	115870	AZE4535	111855	AZF4275	115389	AZJ3137	110814
AZE2502	112304	AZE4535	116128	AZF4292	114824	AZJ3138	115423
AZE2507	110839	AZE4536	114107	AZF4295	114196	AZJ3140	114265
AZE2521	111070	AZE4540	113901	AZF4298	114266	AZJ3144	110565
AZE2522	112295	AZE4562	112251	AZF4309	116093	AZJ3145	113381
AZE2523	110867	AZE4564	113134	AZF4310	114475	AZJ3148	110819
AZE2525	110847	AZE4566	113181	AZF4310	116672	AZJ3149	110530
AZE2536	111060	AZE4579	114107	AZF4315	114387	AZJ3151	110615
AZE2537	112286	AZE4597	113901	AZF4327	116070	AZJ3155	112249
AZE2540	111069	AZE4603	113478	AZF4343	116093	AZJ3156	111693
AZE2541	111694	AZE4620	113478	AZF4402	114523	AZJ3157	111755
AZE2543	111749	AZE4634	111805	AZF4403	113760	AZJ3158	111755
AZE2545	110160	AZE4635	111461	AZF4416	114275	AZJ3160	111640
AZE2548	111029	AZE4693	114872	AZF4507	111982	AZJ3169	110536
AZE2558	112131	AZE4693	115875	AZF4508	113466	AZJ3169	116139
AZE2563	111748	AZE6509	113181	AZF4509	112446	AZJ3170	110536
AZE2573	115397	AZE6513	112436	AZF4509	116135	AZJ3170	116139
AZE2577	111069	AZE6514	112053	AZF4510	113532	AZJ3177	112041
AZE2578	111694	AZE6515	114126	AZF4511	114447	AZJ3179	112555
AZE2605	114677	AZE6526	112441	AZF4513	113570	AZJ3181	111755
AZE2606	113982	AZE6530	113181	AZF4514	112071	AZJ3182	110462
AZE2606	116458	AZE6531	110813	AZF4515	112494	AZJ3182	116137
AZE2617	112171	AZE6544	113900	AZF4527	113466	AZJ3186	113484
AZE2617	116556	AZE6554	113181	AZF4535	114050	AZJ3187	113465
AZE2623	111909	AZE6559	114126	AZF4539	114447	AZJ3188	113466
AZE2624	111900	AZE6596	115887	AZF4545	114107	AZJ3192	112039
AZE2625	113387	AZF3509	110367	AZF4545	114388	AZJ3195	113381
AZE2626	112286	AZF3512	110585	AZF4545	116308	AZJ3196	113467
AZE2634	112005	AZF3515	110587	AZF4553	115721	AZJ3197	112249
AZE2636	112034	AZF3528	110587	AZF4559	113532	AZJ3198	110462
AZE2640	113677	AZF3531	110585	AZF4569	114387	AZJ3198	116137
AZE2642	113480	AZF3542	110521	AZF4571	114824	AZJ3199	113468
AZE2645	115697	AZF3545	110866	AZF4576	114264	AZJ3201	112074
AZE2649	115329	AZF3551	110587	AZF4577	113429	AZJ3203	110565
AZE2662	114677	AZF3558	110585	AZF4579	115776	AZJ3204	110818
AZE2663	113982	AZF3566	111398	AZF4582	113532	AZJ3206	110819
AZE2663	116458	AZF4115	114447	AZF4582	116535	AZJ3211	115537
AZE2665	111904	AZF4116	115357	AZF4588	113484	AZJ3212	113968
AZE2668	113678	AZF4122	114050	AZF4588	116070	AZJ3213	116040
AZE3506	110367	AZF4129	115389	AZF4591	114002	AZJ3215	111224
AZE3512	110367	AZF4135	114050	AZF4591	114021	AZJ3216	111885
AZE3514	110365	AZF4146	115391	AZF4598	115721	AZJ3217	112267
AZE3517	110367	AZF4147	115392	AZF4611	113429	AZJ3218	111332
AZE3521	111070	AZF4148	115393	AZF4627	114480	AZJ3219	111332
AZE4101	112251	AZF4155	113182	AZF4671	115355	AZJ3220	116461
AZE4102	112290	AZF4156	114220	AZF4687	114480	AZJ3221	112651
AZE4112	112053	AZF4156	116132	AZF4697	115355	AZJ3221	116690
AZE4140	113389	AZF4164	114852	AZF4875	114031	AZJ3222	113464
AZE4142	113451	AZF4178	114475	AZF4876	113891	AZJ3223	113356
AZE4144	111996	AZF4178	116672	AZF4877	114073	AZJ3231	111638
AZE4150	114388	AZF4181	114264	AZF4910	113356	AZJ3234	110545
AZE4150	116308	AZF4183	114447	AZG4605	111771	AZJ3236	111885
AZE4151	114387	AZF4186	114264	AZG4862	113859	AZJ3237	110522
AZE4166	113901	AZF4190	113570	AZG4865	113851	AZJ3242	111752
AZE4167	115722	AZF4194	116093	AZG4879	116560	AZJ3243	112135
AZE4170	114388	AZF4196	114852	AZJ0101	112039	AZJ3244	111332
AZE4170	116308	AZF4197	116093	AZJ0102	115423	AZJ3247	114254
AZE4172	114387	AZF4198	112494	AZJ0402	110536	AZJ3247	116134
AZE4173	114388	AZF4202	115389	AZJ0402	116139	AZJ3248	110439
AZE4173	116308	AZF4204	115389	AZJ0404	110439	AZJ3255	111304
AZE4175	114388	AZF4205	116136	AZJ0405	110565	AZJ3256	114266
AZE4175	116308	AZF4206	114852	AZJ0501	110524	AZJ3258	115472
AZE4185	116379	AZF4208	114852	AZJ0602	112651	AZJ3261	116130
AZE4197	114388	AZF4211	115776	AZJ0602	116690	AZJ3263	110527
AZE4197	116308	AZF4218	116535	AZJ3105	110565	AZJ3274	111755

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AZJ3277	112132	AZK5106	110537	AAK1114	111289	AAK3122	111176
AZJ3279	110461	AZK5111	110439	AAK1115	110766	AAK3129	111168
AZJ3281	113346	AZK5112	111217	AAK1117	112768	AAK3130	113376
AZJ3283	111755	AZK5113	110601	AAK1123	111035	AAK3132	112056
AZJ3284	113532	AZK5117	110601	AAK1125	110113	AAK3134	112056
AZJ3285	110551	AZK5119	110520	AAK1128	111078	AAK3142	111186
AZJ3297	111224	AZK5133	110449	AAK1130	111141	AAK3161	111186
AZJ3299	110519	AZK5168	110537	AAK1131	113376	AAK3166	115689
AZJ3305	110565	AZK5172	110212	AAK1133	110968	AAK3197	110882
AZJ3310	113482	AZK5173	110535	AAK1135	110890	AAK3301	112112
AZJ3311	110368	AZK5179	110213	AAK1139	110360	AAK3305	114465
AZJ3312	110368	AZK5181	112119	AAK1140	111288	AAK3310	116475
AZJ3314	111752	AZK5184	110981	AAK1151	112310	AAK3312	116126
AZJ3317	112135	AZK5187	110205	AAK1152	110358	AAK3318	112747
AZJ3318	112136	AZK5188	110980	AAK1153	110113	AAK3320	113474
AZJ3319	110545	AZK5189	111231	AAK1157	110358	AAK3328	110105
AZJ3320	111001	AZK5191	110210	AAK1163	111035	AAK3329	113632
AZJ3324	110464	AZK5192	111217	AAK1167	110766	AAK3330	111888
AZJ3330	110565	AZK5193	110601	AAK1170	111082	AAK3332	111528
AZJ3347	110818	AZK5194	110512	AAK1171	111035	AAK3333	110127
AZJ3351	112670	AZK5195	110537	AAK1172	111035	AAK3334	113477
AZJ3364	112660	AZK5196	110537	AAK1173	111148	AAK3336	112170
AZJ3369	110615	AZK5401	110206	AAK1175	111035	AAK3339	114465
AZJ3369	114387	AZK5412	110512	AAK1177	112056	AAK3345	114289
AZJ3374	113468	AZK5431	111218	AAK1178	111287	AAK3354	116111
AZJ3381	113356	AZK5456	112116	AAK1179	111287	AAK3355	116114
AZJ3386	115472	AZK5457	111217	AAK1181	113376	AAK3356	116114
AZJ3387	111640	AZK5466	110582	AAK1182	112098	AAK3368	114289
AZJ3388	113468	AZK5467	113850	AAK1183	110913	AAK3369	111355
AZJ3389	110819	AZK5487	110409	AAK1189	110881	AAK3501	110360
AZJ3393	111640	AZK5511	111217	AAK1193	112310	AAK3510	111287
AZJ3404	113468	AZK5545	110206	AAK1199	111288	AAK3514	110913
AZJ3405	114254	AZK5553	110981	AAK1204	110766	AAK3515	111841
AZJ3405	116134	AZK5570	110206	AAK1205	110113	AAK3520	110358
AZJ3413	114398	AZK5581	116510	AAK1209	112097	AAK3525	110358
AZJ3433	115537	IA0513	116545	AAK1213	110113	AAK3528	111076
AZJ3447	110442	IA1057	114004	AAK1229	110113	AAK3529	111035
AZJ3448	112581	IA1484	114772	AAK1301	111141	AAK3530	111148
AZJ3450	111910	IA1484	116456	AAK1309	110113	AAK3538	111035
AZJ3452	112581	IS0402	115535	AAK1312	112046	AAK3542	111094
AZJ3458	110813	IS1160	115393	AAK1324	113474	AAK3543	110919
AZJ3459	110521	ZB4-12/06-9	111100	AAK1325	111362	AAK3544	110919
AZJ3460	110518	AAG0402	111180	AAK1329	111362	AAK3547	112098
AZJ3461	110522	AAG0402	116133	AAK1330	110105	AAK3548	110358
AZJ3462	113381	AAG0403	111035	AAK1333	110968	AAK3560	110890
AZJ3503	110530	AAG0702	110743	AAK1336	110881	AAK3563	115689
AZJ3508	110536	AAG1104	111180	AAK1337	113470	AAK3564	112097
AZJ3508	116139	AAG1104	116133	AAK1339	111176	AAK3572	112162
AZJ3514	110814	AAG1111	110178	AAK1343	111740	AAK3579	110881
AZJ3515	110518	AAG1130	111180	AAK1344	111740	AAK3581	116545
AZJ3516	110640	AAG1130	116133	AAK1347	110895	AAK3583	111321
AZJ3518	110523	AAG1301	110641	AAK1352	110766	AAK3587	111086
AZJ3520	110517	AAG1307	113469	AAK1358	111289	AAK3588	111287
AZJ3522	113464	AAG1310	110970	AAK1362	110105	AAK3590	111289
AZJ3525	110545	AAG1311	110641	AAK1363	111888	AAK3595	113500
AZJ3531	110439	AAG1314	111662	AAK1367	110895	AAK3802	110127
AZJ3534	110640	AAG1314	116131	AAK1368	113920	AAK3817	114783
AZJ3535	110529	AAG1315	111662	AAK1369	111528	AAK3818	110881
AZJ3536	110565	AAG1328	110641	AAK1370	112098	AAK3820	113470
AZJ3537	110530	AAG1338	111662	AAK1373	111361	AAK3822	112046
AZJ3538	110813	AAG1338	116131	AAK1375	110127	AAK3834	113716
AZJ3542	110517	AAG1340	111662	AAK1378	112736	AAK3868	116544
AZJ3544	110439	AAG1340	116131	AAK1381	116524	AAK3869	116547
AZJ3546	110521	AAG1341	111662	AAK1383	113477	AAK4104	111075
AZJ3548	110525	AAG1341	116131	AAK1385	116018	AAK4106	111154
AZJ3549	110524	AAG1343	111649	AAK1387	112170	AAK4116	110178
AZJ3551	112039	AAG5103	115970	AAK1388	111364	AAK4118	113574
AZJ3552	115423	AAG5104	115970	AAK1398	111834	AAK4127	110348
AZJ3554	112173	AAG5116	115970	AAK1811	112046	AAK4128	110350
AZJ3555	115535	AAG5131	115971	AAK1812	116506	AAK4133	111168
AZJ3556	110530	AAG5132	115970	AAK1815	111843	AAK4135	111289
AZJ3557	111001	AAG5133	115970	AAK1816	115605	AAK4138	112768
AZJ3567	110368	AAG5135	115970	AAK1832	114450	AAK4139	111364
AZJ3582	110529	AAG5138	115971	AAK1875	111510	AAK4140	110890
AZJ3589	110524	AAG5170	115970	AAK1882	116111	AAK4141	110358
AZJ3593	110520	AAK1105	110360	AAK1888	114868	AAK4143	113376
AZJ3594	110522	AAK1107	110906	AAK2301	112183	AAK4154	111686
AZJ3598	110565	AAK1109	110766	AAK2303	114077	AAK4155	111686
AZJ3599	110545	AAK1110	112097	AAK2305	111226	AAK4157	110913
AZK5104	110512	AAK1111	111841	AAK2306	112183	AAK4158	111620
AZK5105	110537	AAK1113	110766	AAK2307	113991	AAK4162	110882

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAHLE LETRIKA <i>Continued</i>							
AAK4167	111078	AAK5115	112389	AAK5560	114671	AAN5121	114110
AAK4174	111687	AAK5118	112556	AAK5562	114049	AAN5122	113949
AAK4176	111686	AAK5118	116454	AAK5565	113738	AAN5124	114767
AAK4177	111036	AAK5125	114513	AAK5565	116155	AAN5125	113949
AAK4179	110113	AAK5127	111354	AAK5566	113768	AAN5125	114004
AAK4189	111076	AAK5131	112299	AAK5566	116550	AAN5127	112194
AAK4199	112149	AAK5136	112230	AAK5567	113768	AAN5131	112530
AAK4307	111843	AAK5141	113768	AAK5567	116550	AAN5132	111883
AAK4313	112098	AAK5141	116550	AAK5568	114464	AAN5133	111902
AAK4314	114450	AAK5145	114840	AAK5568	116455	AAN5136	114004
AAK4319	116506	AAK5157	114514	AAK5573	111797	AAN5138	113999
AAK4320	112046	AAK5165	111843	AAK5574	112271	AAN5139	112679
AAK4321	113531	AAK5169	111352	AAK5577	114671	AAN5155	113999
AAK4330	114868	AAK5171	111477	AAK5580	112698	AAN5156	112062
AAK4334	114868	AAK5175	114081	AAK5581	115608	AAN5156	116453
AAK4335	116023	AAK5181	113610	AAK5583	114772	AAN5166	111850
AAK4342	114289	AAK5186	112688	AAK5583	116456	AAN5167	115381
AAK4344	116114	AAK5189	114049	AAK5584	115899	AAN5171	111746
AAK4345	116111	AAK5193	114049	AAK5585	113503	AAN5178	112002
AAK4348	113470	AAK5194	114049	AAK5591	114896	AAN5179	112535
AAK4349	110881	AAK5197	113632	AAK5592	113529	AAN5193	115343
AAK4351	112098	AAK5198	111479	AAK5599	114671	AAN5308	114735
AAK4352	113631	AAK5301	112325	AAK5710	111795	AAN5318	113999
AAK4362	116023	AAK5304	111843	AAK5711	114808	AAN5325	114767
AAK4363	114868	AAK5305	111369	AAK5717	111631	AAN5333	114228
AAK4378	114783	AAK5306	112529	AAK5722	112720	AAN5334	115682
AAK4504	112149	AAK5306	116129	AAK5723	112416	AAN5346	114192
AAK4506	111325	AAK5308	113442	AAK5734	112747	AAN5346	116551
AAK4507	111419	AAK5309	113486	AAK5739	113603	AAN5390	114036
AAK4509	110766	AAK5315	112556	AAK5740	113575	AAN5391	113188
AAK4513	111289	AAK5315	116454	AAK5741	112469	AAN5392	114296
AAK4518	112768	AAK5319	111354	AAK5745	114896	AAN5393	114212
AAK4519	111289	AAK5322	111890	AAK5746	113529	AAN5395	113351
AAK4520	111289	AAK5323	114049	AAK5758	114772	AAN5396	113998
AAK4521	111738	AAK5326	112718	AAK5758	116456	AAN5397	114528
AAK4522	111738	AAK5329	113485	AAK5759	113529	AAN5398	114008
AAK4523	111355	AAK5332	111318	AAK5760	114896	AAN5399	113998
AAK4524	111289	AAK5334	114464	AAK5761	114808	AAN5401	114028
AAK4525	112056	AAK5334	116455	AAK5763	113529	AAN5401	114753
AAK4526	110891	AAK5335	113768	AAK5773	112457	AAN5403	114753
AAK4527	111148	AAK5335	116550	AAK5778	112458	AAN5404	114089
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AAK4530	111418	AAK5336	116550	AAK5782	112471	AAN5405	116514
AAK4530	115873	AAK5349	111884	AAK5788	113245	AAN5406	115617
AAK4531	113470	AAK5350	111899	AAK5791	113919	AAN5407	116117
AAK4532	111356	AAK5351	111820	AAK5794	113768	AAN5408	114212
AAK4535	112162	AAK5354	113529	AAK5794	116550	AAN5409	114212
AAK4543	111686	AAK5355	113529	AAK5807	114772	AAN5409	115577
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AAK4549	111141	AAK5363	112556	AAK5808	115899	AAN5410	116674
AAK4554	111948	AAK5363	116454	AAK5837	113888	AAN5411	114212
AAK4556	113471	AAK5364	113610	AAK5850	112556	AAN5412	116310
AAK4562	111620	AAK5365	115851	AAK5850	116454	AAN5413	114078
AAK4564	111176	AAK5376	113738	AAK5851	113610	AAN5415	113289
AAK4567	111364	AAK5376	116155	AAK5852	115851	AAN5491	116687
AAK4568	110770	AAK5380	111353	AAK5907	113295	AAN5502	113999
AAK4569	113533	AAK5382	112529	AAN0112	113448	AAN5511	114192
AAK4571	111093	AAK5382	116129	AAN0112	116585	AAN5511	116551
AAK4574	110770	AAK5388	113986	AAN3106	110895	AAN5513	114471
AAK4575	111368	AAK5391	112529	AAN3107	112803	AAN5533	112460
AAK4578	111093	AAK5391	116129	AAN3108	112159	AAN5546	114767
AAK4580	111036	AAK5396	112021	AAN3110	111886	AAN5549	113640
AAK4585	111325	AAK5501	111369	AAN3111	112561	AAN5564	111898
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AAK4598	111355	AAK5503	112165	AAN3112	113448	AAN5595	114767
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AAK4829	113632	AAK5512	111797	AAN3115	112757	AAN5702	114469
AAK4831	111843	AAK5513	111426	AAN3116	112345	AAN5708	114228
AAK4835	115605	AAK5517	111631	AAN3118	111987	AAN5742	113837
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AAK4953	116544	AAK5541	112075	AAN3141	113895	AAN5792	113510
AAK4954	116547	AAK5542	112273	AAN3206	113895	AAN5795	112427
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AAK5105	112191	AAK5544	111989	AAK3211	116585	AAN5806	114767
AAK5108	112299	AAK5545	112274	AAN5115	111732	AAN5840	113707
AAK5114	112556	AAK5547	113340	AAN5116	114110	AAN5840	116623
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AAN7101	113771	063321112010	112719	51.26101-7270	114016	51.26201-7157	116135
AAN7111	113771	063321112010	116331	51.26101-7270	116478	51.26201-7158	113759
AAN7112	113772	063321112020	112719	51.26101-7271	114007	51.26201-7159	110206
AAN8119	113755	063321112020	116331	51.26101-7278	114528	51.26201-7162	113468
AAN8145	114228	063321154000	111035	51.26101-7278	115496	51.26201-7181	110206
AAN8151	113999	063321173000	113471	51.26101-7283	114528	51.26201-7183	112446
AAN8152	115381	063321600020	111411	51.26101-7283	115496	51.26201-7183	116135
AAN8156	114767	063321606000	111689	51.26101-7287	114528	51.26201-7188	113759
AAN8164	115343	063321609000	111689	51.26101-7296	114528	51.26201-7189	112446
AAN8166	113949	063321615000	111416	51.26101-7296	115496	51.26201-7189	116135
AAN8167	114767	063321734000	113537	51.26101-7314	116459	51.26201-7193	114001
AAN8170	114767	063321819000	113536	51.26101-7315	116459	51.26201-7199	115556
AAN8185	113949	063395575000	112719	51.26101-7559	113998	51.26201-7199	115886
AAN8189	114110	063395575000	116331	51.26101-9119	110895	51.26201-7206	115440
AAT1302	111833	MT67MK04	110524	51.26101-9144	110895	51.26201-7211	115556
AAT1303	111629	MT68MK04	110524	51.26101-9155	110116	51.26201-7211	115886
AAT1306	111833			51.26101-9185	110895	51.26201-7212	113759
AAT1308	111833	MALLORY		51.26101-9190	111146	51.26201-7213	112446
AAT1310	112343	9-15904	110216	51.26101-9192	112159	51.26201-7213	116135
AAT1313	111842			51.26101-9201	110895	51.26201-7220	114031
AAT1318	111842	MAN		51.26101-9207	112098	51.26201-7222	114001
AAT1321	111833	00025841035	113465	51.26101-9211	110116	51.26201-7223	114376
AAT1330	112343	00025841036	113466	51.26101-9215	113920	51.26201-7228	114031
AAT1335	112424	36262016003	114523	51.26101-9241	113295	51.26201-7231	115440
AAT1337	111842	51.26101-7206	115440	51.26101-9242	113289	51.26201-7233	116449
AAT1338	111833	41.26101-7233	113295	51.26101-9246	116478	51.26201-7236	116511
AAT1339	111833	50.26201-7078	113465	51.26101-9247	113289	51.26201-7237	115731
AAT1340	111842	51.12101-7211	110116	51.26101-9254	114008	51.26201-7237	115891
AAT1385	112302	51.25201-7181	110206	51.26101-9265	113289	51.26201-7238	116087
AAT3312	110175	51.25201-9181	110206	51.26101-9266	113295	51.26201-7239	114031
		51.26101-6084	111842	51.26101-9270	113998	51.26201-7276	110206
MAKO		51.26101-7085	110766	51.26101-9271	114007	51.26201-78074	110512
63103002	112124	51.26101-7097	110113	51.26101-9278	114528	51.26201-9001	110512
63113002	113430	51.26101-7119	10895	51.26101-9278	115496	51.26201-9008	111217
63114014	112026	51.26101-7139	110113	51.26101-9283	114528	51.26201-9028	110524
63187001	113445	51.26101-7144	10895	51.26101-9283	115496	51.26201-9034	110208
63206704	110524	51.26101-7145	111141	51.26201-7001	110512	51.26201-9042	110533
63206834	111755	51.26101-7147	110801	51.26201-7008	111217	51.26201-9057	110210
63206838	111001	51.26101-7148	110113	51.26201-7011	110530	51.26201-9061	110210
63207138	111284	51.26101-7151	112098	51.26201-7012	110537	51.26201-9067	110524
63223101	112124	51.26101-7155	110116	51.26201-7014	110601	51.26201-9074	110512
63280901	113659	51.26101-7156	111146	51.26201-7028	110524	51.26201-9092	110206
63321826	113943	51.26101-7157	111141	51.26201-7029	110205	51.26201-9099	110512
063103002000	112124	51.26101-7171	116650	51.26201-7034	110208	51.26201-9100	110208
063103007000	112124	51.26101-7172	112747	51.26201-7042	110533	51.26201-9117	110206
063113002000	113430	51.26101-7185	110895	51.26201-7043	110512	51.26201-9118	113468
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063187051000	115870	51.26101-7195	112159	51.26201-7061	110210	51.26201-9127	110206
063206704000	110524	51.26101-7201	110895	51.26201-7067	110524	51.26201-9140	111640
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063206838000	111001	51.26101-7207	112098	51.26201-7085	113468	51.26201-9157	112446
063207138000	111284	51.26101-7210	112343	51.26201-7087	110210	51.26201-9157	116135
063207143000	110536	51.26101-7211	110116	51.26201-7091	112120	51.26201-9159	110206
063207143000	116139	51.26101-7214	113920	51.26201-7092	110206	51.26201-9181	110206
063216731000	112124	51.26101-7215	113920	51.26201-7095	111640	51.26201-9183	112446
063216741000	110518	51.26101-7221	112196	51.26201-7099	110512	51.26201-9183	116135
063216831000	110529	51.26101-7231	113295	51.26201-7100	110208	51.26201-9199	115556
063216831010	110529	51.26101-7232	113289	51.26201-7101	110524	51.26201-9199	115886
063216831020	110529	51.26101-7233	113295	51.26201-7108	110206	51.26201-9211	115556
063216884000	110530	51.26101-7234	113289	51.26201-7109	110206	51.26201-9211	115886
063216986000	110522	51.26101-7237	112529	51.26201-7110	110210	51.26201-9212	113759
063217126000	110813	51.26101-7237	116129	51.26201-7112	110512	51.26201-9213	112446
063223101000	112124	51.26101-7241	113295	51.26201-7114	110206	51.26201-9213	116135
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063296843000	112039	51.26101-7245	112159	51.26201-7119	111640	51.26201-9222	114001
063296847000	110529	51.26101-7246	114016	51.26201-7123	110210	51.26201-9233	116449
063313002000	113430	51.26101-7246	116478	51.26201-7124	112120	51.26201-9236	116511
063320023000	110890	51.26101-7247	113289	51.26201-7125	110206	51.26201-9237	115731
063320024000	111418	51.26101-7249	114007	51.26201-7127	110206	51.26201-9237	115891
063320024000	115873	51.26101-7251	115987	51.26201-7129	110206	51.26201-9238	116087
063320025000	112097	51.26101-7253	113998	51.26201-7132	110210	51.26201-9239	114031
063320049000	111686	51.26101-7254	114008	51.26201-7137	110206	51.26201-9239	115886
063320060000	112097	51.26101-7258	111842	51.26201-7139	112120	51.26201-9236	116511
063321000000	111036	51.26101-7259	113998	51.26201-7140	111640	61.26201-7236	116511
063321042000	110890	51.26101-7265	113289	51.26201-7143	113468	65.26101-7153	115690
063321044000	111418	51.26101-7266	113295	51.26201-7146	113353	81.26101-6012	110766
063321044000	115873	51.26101-7268	113998	51.26201-7152	113468	81.26101-6025	110766
063321068020	111148	51.26101-7269	114008	51.26201-7153	111640	81.26101-6038	112288
063321070000	111148			51.26201-7157	112446	81.26101-6039	112098
						81.26101-6046	111842

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAN Continued							
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81.26101-6058	111842	1691806R1	110565	3637264R91	110970	0326-18-300	110133
81.26101-6059	112288	1693232M91	111289	3637269R91	112136	0327-10-300	110133
81.26101-6064	111842	1693233M91	111289	3638512R91	111289	0327-18-300	110133
81.26101-6072	111842	1695614M91	110770	36388131R1	111289	0327-18-300A	110133
81.26101-6079	111842	1699872M1	110107	3648190M91	110615	0483-18-300	110133
81.26101-6081	111842	1699872R1	110107	3654073M91	114840	0483-18-300A	110133
81.26101-6084	111842	1712921T	110818	3667037M91	114107	0512-18-400	110128
81.26101-6086	111842	1808449M2	110439	3670185M92	114050	0571-18-300	110133
81.26101-9038	112288	1808449R2	110819	368543M91	114860	0571-18-300A	110133
81.26101-9046	111842	1860093M2	110565	3691576M91	114050	0605-18-300	110133
81.26101-9059	112288	1868283M2	110818	3698015R91	110770	0605-18-300A	110133
81.26101-9084	111842	1868283M3	110818	3698016M91	110770	0605-18-400G	110128
81.26101-9086	111842	1868283M5	110819	3698017M91	110770	0707-18-300	110133
81.26201-6019	110409	1868283R5	110819	3701909M91	112722	0820-18-300	110133
81.26201-9010	113465	1868285M1	110565	3701910M91	112722	0820-18-300C	110133
81.26201-9011	113466	1868285M2	110565	3701911M91	112722	1480-18-300	110134
81.26201-9013	113466	1868285M3	110565	3701913M91	112722	1480-18-300A	110134
81.26201-9015	110537	1868285R3	110565	3701913M92	111368	1480-18-300B	110134
81.26201-9029	110205	1874681M91	110970	3714944M1	112722	1A51-18-400	110394
83.26101-6501	112343	1875955M1	110970	3760524M91	111289	1E03-18-300	113447
88.26101-6204	110766	1875955M91	110970	3763362M91	110565	1E03-18-300A	113447
88.26201-6002	111217	1875958M92	110970	3763362M94	111346	1E03-18-300B	113447
88.26201-6200	110531	1893611M91	110439	3763363M91	110818	1E03-18-400	113701
88.26201-9200	110531	1895271M91	110970	3777677M1	113967	1E03-18-400A	113701
90.80110-5110	110601	1895337R91	110442	3777677R1	113967	1E07-18-400	112121
90.80110-5190	110512	1897264M91	110970	3780634M1	113961	2329-18-300	110133
A5.00055-9254	113466	1897695M91	111289	3784889M2	114387	2329-18-300A	110133
A5.00055-9361	113465	1897695R91	111289	3784889M2	116307	23300HA00A	111970
MANDOE MALROE → VALEO							
MARELLI → MAGNETI MARELLI							
MANITOU							
702284	113654	1903103M91	110590	3784890M1	114387	23300HC300	110389
745011	110615	2862873M91	110766	3784890M2	116307	2677-18-300	110133
745309	111346	2862874M91	110766	3789453M92	114004	2AAA18063	110149
781742	113654	2871814M91	110766	3819332M91	112722	3919-18-300	110133
786634	113763	2871A102T	111289	3819359M91	111355	3936-18-300	110133
786635	113763	2871A105T	111289	3821818M91	114388	4780-18-400	111005
788116	114852	2871A132T	111289	3821818M91	116308	4780-18-400A	111005
788129	113654	2871A136T	111289	3821818M93	114388	4828-18-300	112270
958578	114387	2987721M91	110116	3821974M91	116114	4840-18-400	111273
958578	116307	3091293M91	112670	3821974M92	116114	4840-18-400A	111273
958579	114388	3091293M92	112670	3821975M91	116114	4840-18-400B	111273
958579	116308	3097086M91	112132	3821976M92	114049	4892-18-300	110133
958982	114395	3129850R91	111289	3823621M91	114387	4893-18-400	110182
MASSEY FERGUSON							
2873306	112670	3165252M1	111649	3823621M91	116307	4893-18-400A	110182
835331592	110545	3282883M91	112270	3823621M95	114387	4893-18-400B	110182
1015181M91	110818	3405390M1	111948	3823621M95	116307	4893-18-400C	110182
1042653M92	110510	3435016M91	110280	3823653M1	116111	4893-18-400D	110182
1048570M92	110510	3476244M91	111289	3930501R91	111289	4893-18-400E	110182
1446802M91	111737	3477851M91	111289	3930503R1	111948	4894-18-300	110133
1447312M91	111289	3477851R91	113574	3930504R1	111355	4894-18-300C	110133
1447586M91	110443	3478360M91	111289	3930508R1	110615	4894-18-300D	110133
1447698M1	110439	3516094M1	110565	3933142M91	114360	8028-18-300	110133
1447701R91	111289	3519400M1	110565	4000663M91	110116	8173-18-300	110134
1447706M91	110107	3519400M92	110565	4213912M91	115722	8173-18-300B	110134
1447706R91	110107	3519406M91	111364	4279540M93	116114	8173-18-300C	110134
1447732R1	111737	3536264M91	113474	4279541M93	114049	8318-18-300	110133
1475922M91	111086	3536265M91	111289	4281877F91	114671	8341-18-300	110134
1475923M91	112238	3538541M91	113574	4281877M93	114671	8505-18-400	110808
1482841M92	114107	3539389M91	110439	4281878M93	113949	AJ03-18-300A	112961
1618050M14	112136	3539390M91	110545	4281879F91	114671	AJ03-18-300B	112961
1618050M4	112136	3542185M91	110565	4287014F1	114808	AJ03-18-400	111374
1618050R4	112136	3542185M92	110565	4287014M2	114808	AJ34-18-400	111374
1618473M91	110970	3542185M93	114107	4287014M3	114808	AM15-18-400	110811
1618474M91	110970	3542185M93	114388	4287014M4	114808	AM15-18-400A	110811
1618477M91	110970	3542185M93	116308	4357550M3	116677	AM15-18-400B	110811
1618478M91	110970	3546391M91	110565	6100316M91	111368	AM21-18-300	110318
1643314R91	111289	3551773M91	110615	6902959M91	111368	B101-18-400	110807
1680064M1	110439	3552682M91	111289	700336A1	114388	B101-18-400A	110807
1680065M1	110442	3552682M92	111289	706022A1	110565	B101-18-400B	110807
1680065M2	110439	3581576M01A	110615	8091293M91	112670	B301-18-400	110807
1680065M3	110439	3581576M02A	113534	888346M1	110442	B301-18-400B	110807
1680065R3	110439	3581576M1	110615	897104M92	110483	B301-18-400C	110807
1691795R92	110970	3581576M3	110615	898090M1	110439	B301-18-400E	110807
		3581576R1	110615	909971R2	110565	B301-18-400EX	110807
		3597371M2	110819	9643382M1	110819	B303-18-400	114885
		3597371R2	110819	MAZDA			
		3597372M2	110565	0105-18-300	110133	B303-18-400A	114885
		3597372R2	110565	0259-18-300	110133	B315-18-400	110808
		3599503M91	111289	0280-18-400	110128	B315-18-400A	110808
		3611576M91	111289	0280-18-400A	110128	B315-18-400B	110808
		3612670M91	111289	0324-18-300	110133	B315-18-400E	110808
						B34P-18-400	111384
						B34P-18-400A	111384

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
B505-18-400.....	110808	E563-18-300AL.....	110136	FS05-18-300.....	111317	R282-18-300.....	110706
B505-18-4009R.....	110808	E563-18-300B.....	110136	FS05-18-300C.....	111317	R282-18-300A.....	110706
B593-18-400.....	110808	E568-18-300.....	110136	FS05-18-400.....	110810	R286-18-300.....	110706
B5D8-18-300A.....	111384	E5A1-18-300.....	110136	FS05-18-400A.....	110810	R286-18-300A.....	110706
B61P-18-300.....	111342	E5A1-18-300A.....	110136	FS05-18-400Z.....	110810	R286-18-300B.....	110706
B61P-18-300E.....	111342	EP13-18-400.....	111730	FS11-18-400.....	110810	R286-18-300C.....	110706
B61P-18-300F.....	111342	F210-18-400.....	110808	FS11-18-400A.....	110810	R2D3-18-300A.....	110699
B61P-18-400.....	110808	F210-18-400A.....	110808	FS11-18-400B.....	110810	R2S2-18-300.....	116495
B61P-18-400A.....	110808	F214-18-400.....	110810	FS64-18-300.....	111317	R2S2-18-300B.....	116495
B61R-18-400.....	112215	F214-18-400A.....	110810	GE01-18-300.....	112270	R2AA-18-300A.....	116011
B61R-18-400A.....	112215	F214-18-400AT.....	110810	GE01-18-300A.....	112270	R2AA-18-300B.....	116011
B630-18-400.....	110808	F214-18-400B.....	110810	H612-18-300.....	112270	RBF3-18-300.....	110706
B630-18-400A.....	110149	F214-18-400C.....	110810	HE41-18-300.....	110134	RF01-18-300.....	110699
B64J-18-300A.....	111342	F225-18-400.....	110810	HE45-18-300.....	110134	RF01-18-400.....	110389
B64J-18-300B.....	111342	F225-18-400A.....	110810	HE45-18-300A.....	110134	RF01-18-400A.....	110389
B658-18-400.....	110808	F240-18-400.....	110808	HE45-18-300XA.....	110134	RF01-18-400B.....	110389
B658-18-400R.....	110808	F240-18-400A.....	110808	K711-18-400C.....	110389	RF01-18-400C.....	110389
B676-18-400.....	110808	F240-18-400B.....	110808	L327-18-400.....	113819	RF01-18-400E.....	110389
B676-18-400A.....	110808	F240-18-400C.....	110808	L3M6-18-300A.....	116110	RF09-18-300.....	110699
B676-18-400AT.....	110808	F271-18-400.....	110810	L3M6-18-300B.....	116110	RF09-18-300E.....	110699
B676-18-400B.....	110808	F271-18-400A.....	110810	L3P9-18-300A.....	114865	RF11-18-300.....	110969
B6BF-18-300.....	111807	F271-18-400B.....	110810	L3P9-18-300B.....	114865	RF11-18-300A.....	110969
B6BF-18-300D.....	111807	F2D4-18-400.....	110810	L3P9-18-300C.....	114865	RF11-18-300B.....	110969
B6BF-18-300ES.....	111807	F2D4-18-400A.....	110810	L3P9-18-300D.....	114865	RF11-18-300C.....	110969
B6BF-18-300R.....	111807	F505-18-400.....	110810	L813-18-300.....	113348	RF11-18-300E.....	110969
B6DK-18-400.....	110149	F601-18-400.....	110149	L813-18-400.....	113795	RF11-18-300F.....	110969
B6EW-18-300.....	111807	F601-18-400A.....	110149	L813-18-400A.....	113795	RF11-18-300G.....	110969
B6S8-18-400.....	110808	F601-18-400B.....	110149	L813-18-400RE.....	113795	RF11-18-300H.....	110969
B6S8-18-400A.....	110808	F601-18-400L.....	110149	L8Y30-18-400.....	113348	RF11-18-300K.....	110969
BP4W-18-300.....	111384	F802-18-400.....	110808	L8Y3-18-300.....	113348	RF1S-18-300.....	113785
BP4W-18-300C.....	111384	F802-18-400A.....	110808	LB13-18-300.....	113348	RF30-18-300.....	110699
BP6D-18-300.....	112067	F802-18-400AT.....	110808	LF18-18-300.....	115368	RF30-18-300B.....	110699
BP6D-18-300A.....	112067	F802-18-400B.....	110808	LF1F-18-300.....	115786	RF30-18-300C.....	110699
BPD4-18-400.....	111970	F802-18-400L.....	110808	LF4J-18-400.....	116269	RF30-18-300D.....	110699
BPD4-18-400A.....	111970	F805-18-400.....	110149	LF50-18-300.....	115786	RF35-18-400.....	110969
BPD4-18-400B.....	111970	F805-18-400A.....	110149	LF50-18-300A.....	115786	RF5C-18-300.....	114112
BPE8-18-300.....	111807	F805-18-400B.....	110149	LF61-18-400.....	115599	RF5C-18-400.....	114059
BPE8-18-300A.....	111807	F806-18-400.....	110149	LFY8-18-300.....	115368	RF5C-18-400RE.....	114059
BPE8-18-300R.....	111807	F850-18-400.....	110149	N221-18-300.....	110168	RF7J-18-300A.....	114111
BPE9-18-300.....	111807	F850-18-400A.....	110149	N221-18-300C.....	110168	RF8G-18-300.....	114839
BPE9-18-300A.....	111807	F850-18-400B.....	110149	N221-18-300XA.....	110168	RF8G-18-300A.....	114839
BPE9-18-300R.....	111807	F850-18-400C.....	110149	N370-18-300.....	113519	RFB3-18-300.....	110706
C201-18-300.....	114129	F850-18-400D.....	110149	N370-18-300A.....	113519	RFB3-18-300A.....	110706
C401-18-300.....	114129	F850-18-400E.....	110149	N370-18-300B.....	113519	RFIS-18-300.....	113785
C401-18-300A.....	114129	F851-18-300.....	112270	N370-18-300H.....	113519	RFJ5-18-300.....	112332
C401-18-300B.....	114129	F8B1-18-400.....	110808	N3H1-18-300.....	115797	RFJ5-18-300A.....	112332
C601-18-400.....	111906	F8B1-18-400A.....	110808	N3H1-18-300A.....	115797	RFJ5-18-300B.....	112332
C601-18-400A.....	111906	F8B1-18-400AT.....	110808	N3H1-18-300B.....	115797	RFL1-18-400.....	110389
D272-10-346A.....	110133	F8B1-18-400B.....	110808	P51X-18-300.....	116224	RFL1-18-400A.....	110389
D401-18-300.....	112270	F8B1-18-400C.....	110808	P53N-18-300.....	116224	S5SN-18-300.....	111495
D401-18-300A.....	112270	FA05-18-400.....	110149	P55W-18-400.....	116251	S5SN-18-300A.....	111495
D47Z-18-300.....	110133	FA05-18-400B.....	110149	P5AC-18-300.....	116409	SH01-18-300.....	116293
D501-18-300.....	112270	FA05-18-400C.....	110149	PE01-18-300.....	116224	SH01-18-300A.....	116293
E301-18-300.....	110136	FE05-18-400.....	110149	PE07-18-400.....	116431	TMSK-18-400.....	114394
E301-18-300A.....	110136	FE05-18-400A.....	110149	PE09-18-400.....	116251	UK01-18-400D.....	116546
E301-18-300C.....	110136	FE05-18-400B.....	110149	PE24-73-1100.....	110808	WL01-18-300.....	113785
E301-18-300D.....	110136	FE05-18-400C.....	110149	PEDD-18-400.....	116224	WL01-18-400.....	113702
E301-18-400.....	110149	FE05-18-400Z.....	110149	PY1C-18-300.....	116409	WL02-18-400.....	113702
E301-18-400A.....	110149	FE1H-18-400.....	110810	R201-18-300.....	110699	WL02-18-400A.....	113702
E301-18-400B.....	110149	FE1H-18-400B.....	110810	R201-18-300A.....	110699	WL11-18-300.....	113785
E301-18-400L.....	110149	FE50-18-400.....	110149	R201-18-300B.....	110699	WL11-18-300A.....	113785
E301-18-400LA.....	110149	FE50-18-400A.....	110149	R201-18-300C.....	110699	WL21-18-300.....	112352
E302-18-300.....	110136	FE50-18-400B.....	110149	R201-18-300D.....	110699	WL21-18-300A.....	112352
E303-18-300.....	110136	FE50-18-400C.....	110149	R201-18-300E.....	110699	WL21-18-300T.....	112352
E303-18-300A.....	110136	FE50-18-400D.....	110149	R201-18-400.....	110389	WL61-18-400.....	113702
E303-18-300B.....	110136	FE50-18-400E.....	110389	R201-18-400A.....	110389	WL61-18-400A.....	113702
E303-18-300D.....	110136	FE5A-18-400.....	110808	R201-18-400B.....	110389	WL81-18-300.....	114120
E303-18-300E.....	110136	FE5A-18-400A.....	110808	R201-18-400C.....	110389	WL81-18-400.....	113702
E303-18-300L.....	110136	FE79-18-400.....	110149	R201-18-400D.....	110389	WL91-18-300.....	112352
E331-18-300.....	110136	FESE-18-400.....	110182	R201-18-400EX.....	110389	WL91-18-400.....	113702
E331-18-300A.....	110136	FFSC-18-400.....	110182	R201-18-400R.....	110389	WLAA-18-300A.....	112352
E331-18-300AL.....	110136	FFSC-18-400A.....	110182	R201-18-400Z.....	110389	Y401-18-300.....	113912
E356-18-400.....	110808	FFSN-18-400.....	110182	R202-18-300.....	110699	Y401-18-300.....	116362
E356-18-400A.....	110808	FP13-18-400.....	111730	R202-18-300E.....	110699	Y401-18-400.....	113905
E356-18-400B.....	110808	FP34-18-300.....	112067	R213-18-300.....	110706	Y401-18-400.....	116159
E356-18-400L.....	110808	FP34-18-300A.....	112067	R213-18-300B.....	110706	Y401-18-400A.....	113905
E356-48-400B.....	110808	FP34-18-300B.....	112067	R213-18-300C.....	110706	Y401-18-400B.....	116159
E357-18-400.....	110808	FP34-18-300C.....	112067	R213-18-300E.....	110706	Y401-18-400B.....	113905
E357-18-400A.....	110808	FP34-18-300CL1.....	112067	R213-18-300R.....	110706	Y401-18-400B.....	116159
E563-18-300.....	110136	FP34-18-400A.....	111730	R264-18-300.....	110699	Y402-18-300.....	114128
E563-18-300A.....	110136	FPG6-18-300.....	112067	R264-18-300B.....	110699	Y405-18-300.....	114866

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAZDA Continued							
Y405-18-400.....	116159	0009060903.....	116274	0031512901.....	111065	0041548302.....	111629
Y405-18-400A.....	116159	0009061102.....	115905	0031513801.....	110862	0051510101.....	114178
Y405-18-400B.....	116159	0009061202.....	116171	0031514101.....	110206	0051510601.....	111347
Y405-18-400C.....	116159	009061202.....	116171	0031514401.....	111217	0051510701.....	115951
Y406-18-300.....	114724	0009061822.....	116632	0031514501.....	110206	0051511001.....	114003
Y601-18-300.....	113922	0009061903.....	116467	0031514601.....	110210	0051511101.....	111931
Y601-18-300A.....	113922	0009062003.....	116632	0031515001.....	111851	0051511301.....	111851
Y601-18-300B.....	113922	0009062302.....	114850	0031515401.....	110368	0051511501.....	112439
Y601-18-400A.....	113908	0009062400.....	115952	0031515601.....	110537	0051511601.....	112220
Y601-18-400A.....	116062	0009062401.....	115952	0031515701.....	110512	0051512001.....	114523
Y601-18-400B.....	113908	0009062402.....	114507	0031515901.....	110537	0051512101.....	111931
Y601-18-400B.....	116062	0009062700.....	114042	0031516001.....	110512	0051512201.....	111982
Y601-18-400C.....	113908	0009062700.....	116113	0031516201.....	112120	0051512501.....	115408
Y601-18-400C.....	116062	0009062822.....	116142	0031516301.....	110539	0051512601.....	115951
Y662-18-300A.....	115460	0009063000.....	115984	0031516401.....	113855	0051512701.....	110206
YF09-18-300.....	112958	0009063322.....	115759	0031516601.....	110531	0051512801.....	110210
YF09-18-300A.....	112958	0009067500.....	115924	0031517301.....	110525	0051512901.....	112440
YF09-18-400.....	112340	0009067602.....	116467	0031517401.....	110524	0051513401.....	111347
Z505-18-300.....	111807	0009067702.....	115600	0031518601.....	110524	0051513601.....	111347
Z505-18-300A.....	111807	0009067900.....	115437	0031518701.....	110525	0051513801.....	114051
Z505-18-300C.....	111807	0009067902.....	115984	0031518801.....	110524	0051513901.....	113513
Z505-18-300R.....	111807	0009068404.....	115600	0031519301.....	114319	0051514001.....	113513
Z599-18-300.....	111384	0009068504.....	116365	0031519501.....	110512	0051514601.....	111347
Z599-18-300A.....	111384	0009068802.....	115676	0031519801.....	111065	0051514701.....	111931
Z599-18-300B.....	111384	0009069901.....	116083	0031540502.....	112098	0051515001.....	113609
Z599-18-300C.....	111384	00011502550.....	113772	0031541002.....	112098	0051515301.....	111347
Z599-18-300D.....	111384	0011511301.....	112039	0031541102.....	112098	0051516401.....	113851
Z599-18-300E.....	111384	0011512401.....	110512	0031541702.....	110766	0051516401.....	115885
Z599-18-300R.....	111384	0011512901.....	110208	0031543902.....	111141	0051516501.....	113282
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0061513001	111851	0071542702	110895	0091548802	112194	0111546802	113300
0061513201	111069	0071542802	111629	0091549302	112530	0111547002	112425
0061513401	111851	0071543002	111093	0091549702	112561	0111547202	113300
0061513701	113282	0071543102	111093	0091549702	116654	111547202	113300
0061514101	111768	0071543302	110923	0091549802	112561	0111547802	112197
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0061514801	114086	0071545102	110923	0101540002	116585	0111548702	113351
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0061515901	115770	0071545402	111093	0101540502	111883	0111549102	113302
0061516001	115825	0071545502	111093	0101540702	111902	0111549302	112535
0061516101	111768	0071545602	111093	0101540802	111890	0111549602	111842
0061516201	114178	0071545702	111093	0101541002	113489	0111549802	113944
0061516601	114319	0071545802	111149	0101541502	112196	0121540002	113300
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0061517001	113851	0071549002	112288	0101542602	112098	0121541102	113351
0061517001	115885	0071549102	112734	0101542902	113489	0121541302	114836
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0061517201	115771	0071549902	112159	0101543802	111967	0121541502	112425
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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6461540102	114102	009154580280	112529	011154930280	112535	40800090008	110530
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MERCEDES BENZ <i>Continued</i>							
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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				50-76963A3	112232		

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MISCELLANEOUS		1810A002	114183	A001T21171	110128	A002T27883	111339
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16068211	112561	1810A048	112474	A001T21374	110133	A002T33191A	111317
16068211	116654	1810A050	112370	A001T21377	110133	A002T33191ZC	111317
48201109	116506	1810A050R	112370	A001T21397	110133	A002T37691	112298
48201171	116506	1810A053	111912	A001T22071	110264	A002T37691A	112298
48201303	116506	1810A062	114217	A001T22074	111042	A002T39391	111807
91534010	110942	1810A098	114488	A001T22581	110128	A002T39391A	111807
9231090539	111658	1810A101	114460	A001T22971	110264	A002T40671	110318
37018000002	114348	1810A104	114487	A001T22975	110264	A002T40971	110307
191068M94	114107	1810A111	114854	A001T23377	112270	A002T40972	110307
A433766	113506	1810A125	116419	A001T24371	110264	A002T41371	110318
ATS92905	114348	1810A143	114217	A001T24471	110128	A002T70571	111344
BB4KA	116265	1810A176	116250	A001T24571	110264	A002T71583	111344
EJ3MA	116682	1810A188	116420	A001T25077	112270	A002T72383	112210
STM1243	111832	1810A205	115448	A001T25083	112270	A002T80391	111807
VEJ3MA	116682	30A68-00800	114079	A001T25087	112270	A002T81499	111872
MITSUBA		30A68-00801	114079	A001T25097	112270	A002T82378	112332
3084981	113528	30L66-10500	114444	A001T30471	110133	A002T82899	111594
3240-110	112010	30L66-10600	114696	A001T30474	110133	A002T82899A	111594
63M818-00	112011	31B66-00100	113995	A001T30477	110133	A002T82899AT	111594
LT80-CS90	111922	31B66-00101	113995	A001T31374	112270	A002T82899ZT	111594
SM10230	111922	32868-03201	114902	A001T31377	112270	A002T83491	111807
SM11	113671	32A66-00101	111272	A001T31685	112270	A002T83491A	111807
SM13213	111921	32A66-01100	111272	A001T31699	112270	A002TA0291	112298
SM13237	111917	32A66-02100	114717	A001T32471	110264	A002TA0291B	112298
SM132-37	111917	32A66-10101	111272	A001T33277	112270	A002TA0291C	112298
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SM13475	111927	32A68-04700	114770	A001T70783	110448	A002TA0291F	112298
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SM402-02	111442	32B66-20300	116536	A001TA3392C	113246	A002TA1994C	113485
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SM402-05	112214	34368-02300	115995	A002T01493	111406	A002TA2091D	113604
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SM442-16	115993	6C140-59210	116640	A002T02084	111240	A002TA2094C	112688
SM44223	112214	6C140-59211	116640	A002T06384	111240	A002TA2094D	112688
SM442-23	112214	6C140-59212	116640	A002T09493	110659	A002TA2292	112325
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SM612-09	113821	A000T25371	111832	A002T14592	112325	A002TA4991	112328
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SM710-05	113821	A001T02291	111578	A002T21278	110134	A002TA5891	111807
SM7255	113546	A001T02292	111578	A002T22871	110168	A002TA6099	112352
MITSUBISHI		A001T02292ZC	111578	A002T23277	110318	A002TA6099A	112352
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1800A008	114229	A001T02871	110264	A002T24172	110168	A002TA8191ZT	115454
1800A029	114406	A001T02991	111279	A002T24272	110168	A002TA8383	114456
1800A053	115760	A001T03191	111279	A002T24771	110318	A002TB0091	111384
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1800A070	115441	A001T03476	112270	A002T25071	110136	A002TB0191A	112067
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1800A248	115441	A001T15674	110133	A002T26391	111076	A002TB2291A	112480
1800A271	116030	A001T20174	110133	A002T26391G	111076	A002TB2391	111384
1800A287	116153	A001T20178	110133	A002T27091	111076	A002TB2891	113634
1800A288	116394	A001T20271	110128	A002T27091A	111076	A002TB2891ZC	113634
1800A334	116030	A001T20572	110133	A002T27091C	111076	A002TB2991	113634
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		A001T20574	110133	A002T27091E	111076	A002TB3191	113317
		A001T20579	110133	A002T27091F	111076	A002TB3191A	113317
		A001T20591	110133	A002T27091G	111076	A002TB4391	113485

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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A002TB4891D	112480	A003T15099	112128	A003TG4291	115453	A004TJ0582ZE	115651
A002TB5391	114214	A003T21371	110318	A003TG5281	116311	A004TR5091	114508
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A002TC1791	116217	A003TA0591C	112299	A003TJ2481	114842	A004TR5491	116119
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A002TN1798AT	112355	A003TB0891A	113503	A004T03491B	112772	A005T03677A	111342
A002TN1798ZT	112355	A003TB0891B	113503	A004T40386	114425	A005T03777	111342
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A002TX1081A	116030	A003TB2691C	115438	A004TA0091F	112772	A005T04492B	110631
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A003T03099	111747	A003TB6781	114839	A004TA8492	112427	A005T15784	110805
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A003T03392ZC	110802	A003TG0081A	115368	A004TA8591	114303	A005T16384	110805
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MITSUBISHI <i>Continued</i>							
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A2TA8191ZT	115454	A2TN1798	112355	A3TA7791	112327	A3TJ1791A	116646
A2TA8383	114456	A2TN1798A	112355	A3TA8291	116042	A3TJ1791ZC	116646
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A2TC0981	112457	A3T09698	111956	A3TG1192	113782	A4T03491A	112772
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A2TJ0391A	114865	A3TA0591C	112299	A3TG2991A	115975	A4TA8491	113923
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A2TN0399	111872	A3TA5591A	112703	A3TG5281ZEA	116311	A4TJ0081B	114859
A2TN0499	111872	A3TA6491	113503	A3TG5281ZEB	116311	A4TJ0081C	114859

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
mitsubishi <i>Continued</i>							
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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M000T32572ZE.....	114443	M000T87601.....	113819	M001T72582.....	111241	M002T23685.....	111728
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				M001T86181.....	112300	M002T53681.....	112185
						M002T54083.....	111300

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
mitsubishi <i>Continued</i>							
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M002T84571.....	113445	M003T25882.....	110158	M003T41281.....	110315	M008T60873.....	114445
M002T84771.....	112053	M003T25883.....	110315	M003T41282.....	110315	M008T60972.....	114474
M002T85271.....	114061	M003T25885.....	110315	M003T41285.....	110315	M008T61671.....	112822
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M002T85971.....	116645	M003T27581.....	110277	M003T41681.....	110277	M008T62471.....	114323
M002T85971ZT.....	116645	M003T27582.....	110277	M003T41781.....	116629	M008T62471.....	115889
M002T8597ZT.....	116645	M003T27681.....	110278	M003T41881.....	111310	M008T62481.....	114323
M002T86271.....	115830	M003T27685.....	110278	M003T41885.....	111310	M008T62481.....	115889
M002T87071.....	111912	M003T27686.....	110278	M003T42281.....	110278	M008T62481Z29.....	114323
M002T87071ZT.....	111912	M003T27686D.....	110278	M003T42781.....	110958	M008T62481Z29.....	115889
M002T87072.....	111912	M003T27686H.....	110278	M003T42781ZC.....	110958	M008T62671.....	116511
M002T87072ZT.....	111912	M003T27686N.....	110278	M003T42881.....	110292	M008T62771.....	115731
M002T87171.....	113445	M003T27688.....	110278	M003T43181.....	111552	M008T62771.....	115891
M002T87171ZT.....	113445	M003T27881.....	111728	M003T43481.....	110958	M008T70071.....	111300
M002T87271.....	113702	M003T29481.....	110277	M003T43581.....	110808	M008T70371.....	111272
M002T87271ZT.....	113702	M003T29482.....	110277	M003T44081.....	113040	M008T70971.....	113551
M002T87371.....	113445	M003T29681.....	110421	M003T44081ZT.....	113040	M008T71371.....	113319
M002T87671.....	112103	M003T30281.....	110149	M003T44091ZT.....	113040	M008T71371ZE.....	113319

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
M008T71471.....	113323	M009T64973AM.....	114193	M0T31071.....	114488	M0T80581.....	111971
M008T71471ZE.....	113323	M009T65271.....	114086	M0T31171.....	114488	M0T80681.....	114488
M008T71571.....	111272	M009T65271.....	115896	M0T31771.....	114488	M0T80685.....	114488
M008T71971.....	116420	M009T65371.....	114733	M0T32071.....	115448	M0T80686.....	114488
M008T75071.....	112370	M009T65371.....	115894	M0T32071ZC.....	115448	M0T81181.....	113638
M008T75071A.....	112370	M009T65371AM.....	114733	M0T32171.....	115361	M0T81281.....	111971
M008T75073.....	112370	M009T65371AM.....	115894	M0T32172.....	115361	M0T81283.....	111971
M008T75073A.....	112370	M009T65371ZZ9.....	114733	M0T32172ZE.....	115361	M0T81284.....	111971
M008T75074.....	112370	M009T65371ZZ9.....	115894	M0T32173.....	115361	M0T81291.....	113927
M008T75074ZT.....	112370	M009T65571.....	116087	M0T32173ZE.....	115361	M0T81481.....	114488
M008T75171.....	111272	M009T66171.....	114086	M0T32177.....	115361	M0T81482.....	114488
M008T75371.....	113319	M009T66171.....	115896	M0T32178ZE.....	115361	M0T81681.....	111552
M008T75971.....	115330	M009T66371.....	114872	M0T32271.....	113960	M0T81781.....	114488
M008T76071.....	114232	M009T66371.....	115875	M0T32271ZE.....	113960	M0T83981.....	111552
M008T76071ZE.....	114232	M009T66371AM.....	114872	M0T32272.....	113960	M0T84381.....	110182
M008T76072.....	114232	M009T66372.....	114872	M0T32272ZE.....	113960	M0T84381A.....	110182
M008T76072ZE.....	114232	M009T66372.....	115875	M0T32471.....	114488	M0T84585.....	113644
M008T77071.....	114038	M009T66372AM.....	114872	M0T32571.....	114443	M0T84781.....	111310
M008T77072.....	114038	M009T66373.....	114872	M0T32571ZE.....	114443	M0T84881.....	116644
M008T77074.....	114038	M009T66373AM.....	115875	M0T32572ZE.....	114443	M0T84881ZC.....	116644
M008T77075.....	114038	M009T66471.....	115451	M0T32771.....	115639	M0T84882.....	116644
M008T80071.....	113195	M009T66471ZT.....	115451	M0T32871.....	116269	M0T84882ZC.....	116644
M008T80071A.....	113195	M009T66771.....	116374	M0T33071.....	114761	M0T85681.....	112300
M008T80071B.....	113195	M009T66772.....	116374	M0T33071ZM.....	114761	M0T85681ZC.....	112300
M008T80371.....	114185	M009T66971.....	116435	M0T33971.....	116275	M0T85781.....	110394
M008T80373.....	114185	M009T67671.....	115451	M0T35471.....	115360	M0T85881.....	112300
M008T80471.....	114280	M009T68771.....	115593	M0T35671.....	115597	M0T86081.....	114460
M008T80471A.....	114280	M009T68771.....	115887	M0T35672.....	115597	M0T86181.....	113927
M008T80472.....	114280	M009T68871.....	115451	M0T36071.....	114060	M0T86581.....	115349
M008T80472A.....	114280	M009T70172.....	114003	M0T36071ZE.....	114060	M0T87081.....	116565
M008T81571.....	115802	M009T70173.....	114003	M0T36371.....	115599	M0T87181.....	111382
M008T85071.....	113195	M009T72271.....	114003	M0T36971.....	114871	M0T87601.....	113819
M009T20171.....	115840	M009T80071.....	114100	M0T36971ZE.....	114871	M0T87681.....	113819
M009T50471.....	114838	M009T80271.....	115756	M0T37871.....	115426	M0T87881.....	113897
M009T60371.....	113673	M009T80471.....	113851	M0T37871ZE.....	115426	M0T88081.....	114686
M009T60372.....	113673	M009T80472.....	113851	M0T37971.....	116253	M0T88084.....	114686
M009T60471.....	113672	M009T80472.....	115885	M0T37971ZE.....	116253	M0T88381.....	115778
M009T60471.....	115881	M009T80473.....	113851	M0T38071.....	116270	M0T89182ZC.....	113906
M009T60473.....	113672	M009T80473.....	115885	M0T38071ZE.....	116270	M0T89281.....	116251
M009T60473.....	115881	M009T82171.....	113827	M0T38271.....	116274	M0T89281ZC.....	116251
M009T60671.....	113676	M009T82479.....	114330	M0T38771.....	115448	M0T90281.....	116640
M009T60671.....	115883	M009T82671.....	114310	M0T39371.....	116278	M0T90282.....	116640
M009T60672.....	113676	M009T82671.....	115888	M0T39372.....	116278	M0T90284.....	116640
M009T60672.....	115883	M009T82672.....	114310	M0T39971ZC.....	116418	M0T90881.....	114485
M009T61171.....	113830	M009T82672.....	115888	M0T45071.....	111994	M0T90882.....	114485
M009T61171.....	115884	M009T83071.....	115440	M0T45071ZT.....	111994	M0T90884.....	114485
M009T61471.....	114193	M009T83671.....	113851	M0T45171.....	114180	M0T90981.....	113795
M009T61471.....	115877	M009T83672.....	113851	M0T45171ZT.....	114180	M0T91081ZC.....	111349
M009T61472.....	114193	M009T84171.....	116449	M0T45271.....	114108	M0T91082.....	111349
M009T61473.....	115593	M009T84171AM.....	116449	M0T45271ZT.....	114108	M0T91082ZC.....	111349
M009T61473.....	115887	M009T84771.....	113851	M0T45275.....	114108	M0T91181.....	113618
M009T61474.....	115593	M009T84771.....	115885	M0T45275ZT.....	114108	M0T91181ZC.....	113618
M009T61474.....	115887	M009T85371.....	116560	M0T45371.....	114057	M0T91182.....	113618
M009T61571.....	113672	M009T85471.....	116560	M0T45371ZT.....	114057	M0T91182ZC.....	113618
M009T61571.....	115881	M00T20871.....	114460	M0T45971.....	115842	M0T91381.....	115553
M009T61671.....	113984	M00T38771.....	115448	M0T45971ZT.....	115842	M0T91581.....	113927
M009T61971.....	115556	M00T87881.....	113897	M0T46171.....	114487	M0T92581.....	110182
M009T61971.....	115886	M0A01901.....	110958	M0T46171ZT.....	114487	M0T92981.....	115640
M009T62171.....	114872	M0T20171.....	111451	M0T46371.....	113932	M0T93381.....	115728
M009T62171.....	115875	M0T20175.....	111451	M0T46371ZT.....	113932	M0T93581.....	113254
M009T62171AM.....	114872	M0T20176.....	111451	M0T46571ZT.....	116262	M0T93582.....	113254
M009T62172.....	114872	M0T20371.....	113821	M0T46572ZT.....	116262	M0TD0071.....	116431
M009T62172.....	115875	M0T20371ZC.....	113821	M0T60081.....	112368	M0TD0271.....	115757
M009T62173.....	114872	M0T20472.....	116250	M0T60081A.....	112368	M0TD0271ZE.....	115757
M009T62173.....	115875	M0T20671.....	115359	M0T60082.....	112368	M0TD0371.....	116277
M009T62174.....	114872	M0T20672.....	115359	M0T60381.....	115525	M0TD0372.....	116277
M009T62174AM.....	114872	M0T20871.....	114460	M0T60481.....	114696	M0TD0372ZE.....	116277
M009T62671.....	114733	M0T20871ZE.....	114460	M0T60482.....	114696	M0TD0672ZE.....	116425
M009T62671.....	115894	M0T20872.....	114460	M0T65081.....	114855	M0TD0971.....	115426
M009T62871.....	114873	M0T20872ZE.....	114460	M0T65381.....	114479	M0TD5271ZC.....	116417
M009T64171.....	114872	M0T20873.....	114460	M0T65581.....	114479	M1810A011D.....	115448
M009T64171.....	115875	M0T20873ZE.....	114460	M0T65585.....	115377	M1T30071.....	113931
M009T64171ZT.....	114872	M0T21471.....	113897	M0T70281.....	111303	M1T30072.....	113931
M009T64171ZT.....	115875	M0T21571.....	115448	M0T70285.....	111303	M1T30073.....	113931
M009T64371.....	114086	M0T21671.....	115538	M0T70481.....	110811	M1T30171.....	114058
M009T64371.....	115896	M0T22471.....	113933	M0T71981.....	116640	M1T30172.....	114058
M009T64971.....	115593	M0T22472.....	113254	M0T80081.....	111970	M1T30173.....	114058
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M009T64972.....	115593	M0T30471.....	111552	M0T80285.....	111312	M1T31071.....	116598
M009T64972.....	115887	M0T30475.....	111552	M0T80285A.....	111312	M1T31072.....	116598
M009T64973.....	114193	M0T30771.....	111971	M0T80381.....	111730	M1T31073.....	116598

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
mitsubishi <i>Continued</i>							
M1T31171	116267	M1T80082	114460	M2T44681	110158	M2T66881	110576
M1T31171ZC	116267	M1T80381	114460	M2T44781	113038	M2T66882	110576
M1T50071015	111010	M1T80481	114460	M2T46081	111310	M2T67871	110576
M1T50171	111070	M1T80681	114074	M2T46081ZE	111310	M2T67872	110576
M1T50172	111070	M1T84381	111349	M2T46781	114060	M2T67873	110576
M1T60081	111108	M1T84381ZC	111349	M2T46781ZE	114060	M2T67881	110576
M1T60281	111485	M1T84382ZC	111349	M2T47281	113659	M2T67882	110576
M1T60285	111485	M1T84481	111451	M2T47381	111849	M2T67883	110576
M1T60285A	111485	M1T84883	113638	M2T47382	111849	M2T67884	110576
M1T60381	111108	M1T84883ZC	113638	M2T47383	111849	M2T74171	111476
M1T66081	112177	M1T84884	113638	M2T48081	110958	M2T74371	111272
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M1T68381	114444	M1T84981ZC	113618	M2T48681	111303	M2T84071	111912
M1T70481	110811	M1T85681	112474	M2T49181	111475	M2T84071ZT	111912
M1T70481ZC	110811	M1T85682	112474	M2T49189	111475	M2T84170	113445
M1T70482	110811	M1T85781	113930	M2T49283	111312	M2T84171	113445
M1T70483	110811	M1T85881	114225	M2T49881	110158	M2T84171ZT	113445
M1T70483ZC	110811	M1T85881ZC	114225	M2T50171	110280	M2T84171ZT	113445
M1T70485	110811	M1T85981	112474	M2T50181	110280	M2T84771	112053
M1T70485A	110811	M1T86181	112300	M2T50271	112178	M2T85271	114061
M1T71281	110810	M1T86481	111451	M2T50281	112178	M2T85671	115327
M1T71281A	110810	M1T86782	113642	M2T50285	112178	M2T85672	115327
M1T71281AC	110810	M1T86782ZC	113642	M2T50371	110933	M2T85871	115627
M1T71281B	110810	M1T86883ZC	113642	M2T50381	110933	M2T85971	116645
M1T71281ZC	110810	M1T86884ZC	113642	M2T50391	110933	M2T85971ZE	116645
M1T71381	111241	M1T90281	111070	M2T50571	113964	M2T85971ZT	116645
M1T71382	111241	M1T93071	114217	M2T52071	110280	M2T86271	115830
M1T71382ZC	111241	M1T93171	114217	M2T52081	110280	M2T87071	111912
M1T71388	111241	M1T93171ZC	114217	M2T52082	110280	M2T87071ZT	111912
M1T71811	110807	M1T93371	114217	M2T53681	112185	M2T87072	111912
M1T71881	110810	M1T93371ZC	114217	M2T54083	111300	M2T87072ZT	111912
M1T71881A	110810	M1T93571	114217	M2T54085	111300	M2T87171	113445
M1T72085	111459	M1T96581	111374	M2T54089	111300	M2T87171ZT	113445
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M1T72086	111459	M1TA0171AM	114234	M2T54572	111273	M2T87271ZT	113702
M1T72086A	111459	M1TA0171Z9	114234	M2T54671	111275	M2T87371	113445
M1T72087	111459	M1TA0371	116419	M2T56171	110809	M2T87671	112103
M1T72087A	111459	M1TF0071	116285	M2T56181	110809	M2T87971	111912
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M1T72481ZC	110394	M1TF0073ZE	116285	M2T56185	110809	M2T88271	111912
M1T72483	110394	M1TF0471	116285	M2T56185	110809	M2T88371	115573
M1T72483ZC	110394	M1TF0571	116285	M2T56271	110947	M2T88372	114279
M1T72581	111241	M1TF5072	116618	M2T56272	110947	M2T88372ZC	114279
M1T72582	111241	M1TF5073ZE	116618	M2T56471	111275	M2T88471	114283
M1T72583	111241	M2T10171	110142	M2T56472	111275	M2T88472	114283
M1T72583G	111241	M2T13081	111994	M2T56475	111275	M2T88473	114283
M1T72981	111608	M2T13281	115442	M2T57271	110809	M2T88571	114144
M1T72981A	111608	M2T13581	115442	M2T57273	110809	M2T88572	114237
M1T74081	111451	M2T20181	110142	M2T57771	111476	M2T88572ZC	114237
M1T74081A	111451	M2T20181A	110142	M2T57773	111476	M2T88671	114059
M1T74087	111451	M2T20181D	110142	M2T58381	110415	M2T88971	113977
M1T74281	111349	M2T20182	110277	M2T58581	113668	M2T88971ZC	113977
M1T74281ZC	111349	M2T23081	110278	M2T58681	110572	M2T90071	111070
M1T74283	111349	M2T23685	111728	M2T58881	113668	M2T92071	110389
M1T74283ZC	111349	M2T25481	111728	M2T58971	112177	M2T92071A	110389
M1T74286ZC	111349	M2T25772	110278	M2T58981	111300	M2TS0071	111272
M1T74287ZC	111349	M2T30381	111310	M2T60171	111461	M2TS0571	113964
M1T74581	110394	M2T30481	111475	M2T60172	111461	M2TS0575	113964
M1T74581ZC	110394	M2T30581	111475	M2T60185	111565	M2TS0671	115727
M1T74583	110394	M2T30585	111475	M2T60271	111275	M2TS0671ZE	115727
M1T74583ZC	110394	M2T30586	111475	M2T61071	111461	M313327D	111241
M1T75681	111451	M2T32581	113141	M2T61072	111461	M332022D	111971
M1T76081	113044	M2T33182	111475	M2T61171	111565	M356178D	113638
M1T76081ZC	113044	M2T33183	111475	M2T61371	111275	M3T10473	110182
M1T76082	113044	M2T33781	111310	M2T62271	111272	M3T10475	110182
M1T76082ZC	113044	M2T33785	111310	M2T62272	111272	M3T10476	110182
M1T76481	112300	M2T40081	110315	M2T62771	111565	M3T10476D	110182
M1T77181	111552	M2T41081	110315	M2T62971	110809	M3T11272	110155
M1T77281	111312	M2T41171	111303	M2T63171	111565	M3T13073	110277
M1T77381	110810	M2T41381	111310	M2T63371	111703	M3T15271	110277
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M1T78581	112846	M2T41586	111475	M2T64272	113194	M3T15971	110292
M1T78581ZC	112846	M2T41881	111310	M2T64371	113210	M3T15972	110292
M1T78881	111608	M2T41885	111310	M2T64372	113210	M3T21281	110256
M1T79081	111241	M2T42881	113644	M2T64373	113210	M3T21281D	111452
M1T79481	112301	M2T42981	110142	M2T65271	111913	M3T21282	110256
M1T79482	112301	M2T43481	113141	M2T65272	111913	M3T21482	110277
M1T79581	112300	M2T43681	113141	M2T65275	111913	M3T21781	110256
M1T79681	110572	M2T43781	113141	M2T66871	110576	M3T21881	110256
M1T79781	110572	M2T43881	113141	M2T66872	110576	M3T21882	110256
M1T80081	114460	M2T44081	110158	M2T66873	110576	M3T21882D	111452

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
M3T22581	110158	M3T33586	110149	M3T56174	112323	M8T75073A	112370
M3T22582	110158	M3T33586A	110149	M3T56181	112323	M8T75074	112370
M3T22681	110292	M3T33586D	110808	M3T56182	112323	M8T75074ZT	112370
M3T23081	110277	M3T33587	110149	M3T56183	112323	M8T75171	111272
M3T24481	110149	M3T33588	110149	M3T61071	110809	M8T75371	113319
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M3T24486H	110808	M3T38881	110808	M3T95082	112342	M8T80071	113195
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M3T24488	110149	M3T38881B	110808	M4T14674	116166	M8T80071B	113195
M3T24917	110292	M3T38881C	110808	M4T14681	116166	M8T80371	114185
M3T25181	110256	M3T38882	110808	M4T14772	110315	M8T80373	114185
M3T25281	110277	M3T38882A	110808	M4T50071	113129	M8T80471	114280
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M3T30285	110149	M3T42781	110958	M8T60371	114169	M9T61471	114193
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M3T30881	110808	M3T42881	110292	M8T60373	114169	M9T61471AM	115877
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M3T32585	110479	M3T44281	111310	M8T61671	115880	M9T61971	115556
M3T32588	110158	M3T47281	110158	M8T62471	114323	M9T61971	115886
M3T32589	110315	M3T48181	112215	M8T62471	115889	M9T62071	115556
M3T32591	110158	M3T49381	110808	M8T62471AM	114323	M9T62171	114872
M3T32592	110158	M3T49481	110808	M8T62471AM	115889	M9T62171	115875
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
mitsubishi <i>Continued</i>							
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M9T65271	114086	MD022579	110318	MD164975	110809	MD356178	113638
M9T65271	115896	MD025679	110318	MD164976	111476	MD357744	112418
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M9T65371AM	115894	MD034120	110158	MD171228	110572	MD360368	111971
M9T65371ZZ9	114733	MD034121	110158	MD172860	110811	MD360394	112328
M9T65371ZZ9	115894	MD041700	110318	MD172863	111241	MD360635	112327
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M9T65571	116087	MD050190	110805	MD177596	111565	MD366050	111594
M9T66171	114086	MD050200	110809	MD180238	110158	MD366051	112128
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M9T66372	114872	MD061154	110809	MD191435	110809	MD667539	110958
M9T66372	115875	MD064066	110318	MD191437	111565	ME007578	111344
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M9T66373	115875	MD064068	110318	MD192228	110958	ME012995	113195
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M9T66771	116374	MD069166	110809	MD301348	113040	ME017001	113194
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M9T66971	116435	MD070310	110805	MD301350	113038	ME017034	110576
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M9T82671	114310	MD107615	110315	MD315548	113445	ME057200	112342
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M9T83671	115885	MD12318	111240	MD319770	114488	ME077790	114425
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M9T83879	114734	MD133513	110802	MD324754	111406	ME110JA	110149
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M9T85371	116560	MD140189	111339	MD331137	113445	ME200698	111956
M9T85471	116560	MD140190	111476	MD332022	111971	ME201650	112370
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MCA02-2	110142	MD149750	110804	MD339609	112129	ME201837	111626
MD001333	110158	MD150657	111406	MD340419	112355	ME201838	111956
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MOTOROLA <i>Continued</i>							
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9AR2561K	110968	9AR2684P	110969	9AR2839G	111653	9AR3806G	110163
9AR2562	110969	9AR2698F	110759	9AR2841	110968	9AR3855G	111510
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9AR2566G	111948	9AR2700G	111289	9AR2846	110358	9AR3952	112097
9AR2566K	111948	9AR2701	111289	9AR2846K	110358	9AR3952G	112097
9AR2569	110178	9AR2703	111289	9AR2851	111948	9AR3959G	111510
9AR2569	110969	9AR2703F	110759	9AR2851K	111948	9AR3961	110163
9AR2569	111086	9AR2704F	110969	9AR2852	111948	9AR3987G	110116
9AR2569G	110969	9AR2705	110968	9AR2852K	111948	9AR5006G	111180
9AR2570	110968	9AR2705G	110968	9AR2853	111948	9AR5006G	111633
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9AR2596K	110911	9AR2706	110969	9AR2856K	111948	9AR5021G	111086
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9AR2612	110179	9AR2712P	110127	9AR2884L	110913	9AR5060	110968
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9AR2612	110968	9AR2714	111043	9AR2888	110107	9AR5070K	111948
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9AR2650D	110968	9AR2756F	110360	9AR2919	110891	110-184	110176
9AR2651	110179	9AR2759K	110358	9AR2919	111086	110-185	110408
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9AR2651	110770	9AR2759K02	110358	9AR2919	113574	110-190	110422
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9AR2651	111289	9AR2763F	110913	9AR2950P	110889	110-238	110445
9AR2651	111356	9AR2764	110913	9AR2951	111686	110-241	110408
9AR2651	111362	9AR2764L	110913	9AR2951L	111686	110-244	110445
9AR2651	111364	9AR2765	110358	9AR2958	112112	110-250	110937
9AR2651D	110969	9AR2775	110127	9AR2958P	112112	110-254	110937
9AR2652	110178	9AR2775F	110127	9AR2960F	110968	110-255	110937
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9AR2652F	111289	9AR2784K	110358	9AR2968	110105	110-261	110408
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9AR2654G	110968	9AR2792G	111653	9AR2978	111289	110-273	110408
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9AR2683	111185	9AR2830L	110913	9AR3739	110052	110-289	110408
9AR2683	111289	9AR2831P	112112	9AR3739	110112	110-292	110959

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110-298	110175	8EK2003FB	110487	8SC3014	110175	605720100098	111332
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110-316	110175	8EK2004DB	110487	8SC3015U	110175	605720520005	110512
110-324	110408	8EK2004DC	110487	8SC3019U	110175	622620710014	113611
110-329	110408	8EK2005NA	110488	8SC3029Z	110176	623200700047	111218
110-330	110408	8EK2005NB	110488	8SC3068V	114347	905710100042	111898
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110-333	110408	8EK2006FB	110487	8SC3110V	114348	905720100079	113346
110-335	110408	8EK2007NA	110488	8SC3110VC	114348	905720100082	114304
110-336	110408	8EK2007NB	110488	8SC3150VC	114348	7005609C1	113351
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110-342	110408	8EK2008FA	110487	8SC3238VC	114349		
110-343	110408	8EK2008FB	110487	8SC4006U	110408		
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110-355	110959	8EK2009FB	110487	8TA2009E	110422		
110-380	110408	8EK2009FC	110487	8TA2009EE	110422		
110-386	110959	8EK2010NA	110488	8TA2010E	110422		
110-389	110959	8EK2010NB	110488	8TA2010ES	110422		
110-399	110487	8EK2010NC	110488	8TA2011	110422		
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110-402	111575	8EM2001FAS	110408	9BE2KA2A21	110913		
110-403	111576	8EM2002F	110408	9FB2LD2A05	110975		
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110-431	114347	8EM2003K	110959	A12NTK451	110408		
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110-459	112294	8EM2004KB	110959	RA12N451	110408		
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110-556	110408	8LHA3025PA	110173				
110-565	113898	8LHA3025R	110173				
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110-699	110487	8MR2039K	110959				
110-750	110138	8MR2044K	110959				
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8AL2051F	110408	8MR2069T	111575				
8AL2065K	110138	8MR2070T	111576				
8AL2106FA	110408	8MR2091KSS	110959				
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8AR2022F	110408	8MR2185L	110488				
8AR2024F	110408	8MR2327L	116314				
8AR2026F	110408	8MR2401U	111761				
8AR2033F	110408	8MR2401UA	111761				
8AR2037F	110408	8SA2017R	110937				
8AR2041F	110408	8SA2022R	110937				
8AR2050	110408	8SA3005P	110173				
8AR2060F	110408	8SA3006P	110173				
8AR2066F	110408	8SA3065P	110173				
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8AR2068F	110498	8SC2007ZR	110937				
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8AR2073F	110408	8SC2282V	113898				
8AR2073FS	110408	8SC2282VG	113898				
8AR2160F	110408	8SC3002U	110175				
8AR2169F	110408	8SC3003U	110175				

Cross reference list

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02243003	114324	0-23000-2103	111254	0-33000-2860	110562	23100-00Q2C	114354
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23100-2J601	112351	23100-7T400	113383	23100-H7702	110168	23100-W1615	110307
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23100-50K15	112069	23100-AU420	113316	23100-Q4611	110307	23300-00Q1J	115829

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
NISSAN Continued							
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23300-00Q3F	116287	23300-1S900	112365	23300-54T00	112365	23300-9C600	114318
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23300-00Q4H	116287	23300-1W40A	110574	23300-5X00B	115727	23300-9F660	113267
23300-00Q4O	113897	23300-20H12	110415	23300-5X00C	115727	23300-9F661	113267
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23300-1HC1C	115426	23300-50Y10	111459	23300-8H801	113323	23300-EE01D	115361
23300-1KA1A	115361	23300-50Y11	111459	23300-8H80A	113323	23300-EE01E	115361
23300-1KA1B	115361	23300-50Y12	111303	23300-8X800	116041	23300-EN200	115341
23300-1KA1C	115361	23300-50Y14	111303	23300-90060	110616	23300-EN20A	115341

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23300-EN20D	115341	23300-U7500	110280	34766-10903	112323	185-2166	110552
23300-EN20E	115341	23300-U7501	110280	34766-20900	112323	191-0543	110408
23300-EN21B	115341	23300-U7502	110280	52810-31000	113317	191-0665	110408
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23300-EN21D	115341	23300-U7511	110280	77200-0120	115979	191-1798	113476
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23300-G2403	111805	23300-V0602	110386	B310M10B10EX	110168	191-1808-04	113141
23300-G2404	111805	23300-V0603	110386	B310M43G06EX	110700	191-1808-06	113141
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23300-G7003	110386	23300-V0607	110386	B330M31W04EX	110386	191-1949-06	113141
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23300-H5010	110142	23300-VC11B	114875	379818	111043	1202009	111136
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23300-P5113	110256	23300-AA40A	111552	586289	112145	1202174	111123
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23300-T9007	113210	34466-20201	111275	3855882	111699		

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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55556065	113352	90371770	111831	93169026	116064	93175944	112271
55556067	114431	90371773	111690	93169027	116064	93175947	112720
55556068	113265	90376895	110844	93169028	113955	93175951	113879
55556069	113265	90413762	111514	93169029	113955	93175952	113879
55556070	112416	90421876	111123	93169030	113904	93175953	116334
55556071	112416	90421877	113276	93169031	113904	93175955	113265
55556092	114298	90443488	110839	93169032	114204	93175956	111732
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55556245	114341	90443929	111732	93169257	113955	93175958	113352
55563538	115597	90443930	112229	93169258	114204	93175959	113352
55564374	115745	90443931	111732	93169259	113904	93175961	116334
55564491	114029	90444194	111514	93169260	114284	93175963	111426
55566800	115719	90449689	111848	93169265	112471	93175964	111732
55568572	115719	90451825	111848	93169269	114284	93175968	112468
55569540	113843	90465731	113446	93169309	114029	93175969	115752
55570068	116285	90487345	111848	93169458	114029	93175976	111267
55572065	116584	90506203	116334	93169459	114074	93175977	110679
55572439	116257	90508036	111123	93169461	112475	93175989	115619
55572440	115646	90508037	111848	93169472	113837	93175996	113276
55576980	114298	90511442	111788	93169474	114700	93176034	113674

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
93176035	113352	93190956	112475	96866020	114235	R1040032	111534
93176051	113276	93190996	112475	96988218	115380	R1040037	113446
93176061	111848	93191079	114029	97037724	112228	R1040038	111724
93176396	113248	93191541	113248	97041790	111186	R1040039	111136
93177609	114814	93191921	114510	97062641	111767	R1040041	113134
93177834	115619	93191922	114088	97074611	112228	R1040042	112474
93177835	111824	93192764	114122	97074612	111767	R1040043	112475
93178138	113843	93194147	114871	97112549	111559	R1040045	114814
93178167	113276	93194153	114247	97113118	111186	R1530001	112229
93178173	112272	93196800	114032	97113770	111267	R1530002	111514
93178174	112272	93196984	113993	97117770	111136	R1530019	111767
93178785	113134	93198179	112471	97133369	111534	R1530020	116334
93178786	111718	93198273	113837	97133854	111767	R1530024	112416
93179322	113352	93198275	114700	97134762	112228	R1530025	115619
93179323	113352	93199248	115846	97134781	112228	R1530031	111824
93179580	114032	93374341	111123	97134866	111767	R1530032	111824
93180098	113955	93451976	116278	97136688	112083	R1530034	113265
93180102	114204	93456401	114074	97146338	111559	R1530035	111990
93180104	113904	93456402	115829	97147851	112228	R1530037	112271
93180414	115619	93604828	111123	97150200	111515	R1530039	112720
93180415	111990	93857703	114074	97150201	111831	R1530040	113879
93180416	111824	93858918	112474	97150203	111534	R1530041	111514
93180417	113265	93859136	114074	97150204	111690	R1530042	116334
93180419	115846	93859444	112475	97187653	111267	R1530044	113265
93181256	112475	93861155	114074	97187655	112228	R1530045	111732
93181383	111426	93863425	114814	97189112	112272	R1530048	113352
93183381	115308	93863426	114074	97189113	112271	R1530052	111426
93183435	113265	94382059	111267	97189118	112320	R1530053	111732
93183436	112416	94386328	111136	97204326	113563	R1530057	112468
93183437	114431	94387653	112083	97210505	111559	R1530063	111267
93183891	111990	94401793	110697	97223653	111559	R1530065	112272
93184052	113352	94405044	110697	97241021	111515	R1530067	113248
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93184064	112416	94419519	111267	97326180	112271	R1530076	113265
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93184534	113276	94448959	111683	97363832	114121	R1530078	113265
93184535	113276	94454891	111136	97363833	114121	R1530081	113265
93185261	114451	94483918	111136	97369507	113956	R1530082	111990
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93186485	112416	95511894	115869	97375613	114482	R1530084	115846
93186486	112416	95511895	115400	97386062	112320	R1530089	113941
93187819	111824	95511912	115346	98014743	112320	R1530090	114121
93188158	115843	95511968	115429	98031154	114665	R1530092	113956
93188332	114122	95511969	116649	98031155	114512	R1530093	113956
93189013	114700	95512068	114493	98042872	114665	R1530094	114431
93189228	111123	95514185	114871	98042873	114512	R1530096	113722
93189230	113276	95515954	116203	98054255	112271	R1530097	116064
93189231	113276	95515955	116202	98056439	114121	R1530098	113955
93189232	113843	95515958	115396	98056441	113956	R1530099	113904
93189238	114656	95515969	116392	98056443	113941	R1530100	114204
93189240	113265	95516407	116287	98056867	112271	R1530109	114029
93189241	112416	95516417	116287	135579120	116202	R1540002	112103
93189242	113265	95519362	115356	183117860	116418	R1540005	113674
93189245	113265	95519866	115380	13222931ZZ	115304	R1540009	112431
93189246	111990	95519920	115380	13308506CW	114202	R1540010	112320
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93189248	115846	95520337	116257	AZ13256929	114451	R1540014	111848
93189258	114656	95520340	116618	R1030051	111169	R1540015	113446
93189260	113265	95520343	116278	R1030053	112056	R1540016	114124
93189261	112416	95520362	116418	R1030067	110679	R1540021	111123
93189262	113265	95520425	116649	R1030068	111267	R1540023	111123
93189265	113265	95520960	114826	R1030072	111186	R1540024	113276
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93189267	111824	95521367	116418	R1030079	112056	R1540027	112320
93189268	115846	95521372	116285	R1030080	111788	R1540030	114058
93189495	113941	95523406	116418	R1030083	112228	R1610391	112416
93189496	114121	95523483	114493	R1030093	111515	YM13117340	113955
93189498	113956	95523575	116285	R1030094	111831		
93189499	113956	95523577	116618	R1030097	110697	PACCAR	
93189501	113941	95524200	116287	R1030100	115752	D276002	114036
93189502	114121	95524298	116618	R1030105	112057		
93189504	113956	95524454	116285	R1030106	111718	PANASONIC	
93189505	113956	95524683	116152	R1040000	111848	35259380	110525
93190138	114492	95526714	116418	R1040004	111123		
93190139	115304	95527121	116418	R1040008	113276	PARIS ROHNE → VALEO	
93190146	114431	95939944	115989	R1040009	110839		
93190320	114029	96627029	115380	R1040010	110847	PERKINS	
93190827	113352	96627034	114159	R1040015	111136	31179	110443
93190828	113352	96627035	111848	R1040024	111136	31196	110442
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93190915	115308	96843574	114159	R1040031	111690		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PERKINS <i>Continued</i>							
34237	110442	185086510	111300	2871A167	112698	2873K601	115389
34263	110482	185086530	113696	2871A168	113763	2873K604	114852
36560	115325	185086540	110315	2871A301	113763	2873K605	114852
293762	113177	185086560	111300	2871A302	113763	2873K606	114852
1388721	113985	185086600	112534	2871A303	113763	2873K607	116136
1850866	112534	185086610	110552	2871A304	115742	2873K608	116136
2871161	110482	185086620	111300	2871A305	113967	2873K612	116136
2871170	110483	185086680	114718	2871A306	113763	2873K621	114387
2871175	110483	185086750	114870	2871A307	113763	2873K621	116307
2871178	110482	1617116680	115346	2871A308	113763	2873K624	114388
2871180	110483	550185046160	116548	2871A309	115742	2873K624	116308
2871181	110484	1447732M1	110615	2871A310	113967	2873K625	114388
2871182	110483	1447732MI	111737	2871A411	110968	2873K625	116308
2871184	110484	1447834M91	115522	2871A412	114004	2873K626	114388
2871609	111185	1871A154	110968	2871A602	112112	2873K626	116308
2871611	110178	1871A163	110968	2871A651	111569	2873K631	115389
2871612	110969	1873A010	110443	2871A701	114714	2873K632	114387
2871613	110178	1873A012	110439	2871A702	114302	2873K632	116307
2871615	110178	1873A013	110442	2871A703	115794	2873K634	114388
2871616	110179	1873A015	110442	2871A704	114714	2873K634	116308
2871619	110178	1873A052	110819	2871A705	114302	2873K635	114852
2871686	111146	1873A053	110615	2871A901	114767	287A703	115794
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2873001	111737	1873A055	111346	2871A903	114767	3181A084	113763
2873002	110460	1873A056	110615	2871C104	111289	3873K625	114388
2873003	110565	23737R	111289	2871C105	110891	3873K625	116308
2873004	110565	2378A029	110256	2871C201	113920	CH11087	112160
2873006	111346	23801R	110179	2871C202	113186	CH12807	111000
2873008	110819	23962R	111289	2871D031	110107	MP10237	114717
2873022	111737	23963R	110179	2871D032	110107	P30DC03A	114476
2873106	110450	24123R	111948	2871D033	110107	PF54924	112670
2873109	110449	26283R	110443	2872D002	110442	T400268	114387
2873116	110439	26294R	111737	2873001T	110615	T400268	116307
2873118	110439	26295R	110460	2873002T	110256	T410865	114388
2873119	110442	26358R	110460	2873006T	110565	T410865	116308
2873121	110443	26408R	110460	2873303R	112091	T410874	114387
2873123	110442	26410R	110565	2873A001	110615	T410874	116307
2873124	110442	26414R	111346	2873A010	110443	T412091	116519
2873126	110464	27432R	110439	2873A012	110439	T416234	114302
2873141	110443	27533R	112136	2873A012T	110439	T416349	114302
2873143	110439	2871A003	111295	2873A013	114730	TPN758	113763
2873145	110442	2871A007	111569	2873A015	110442	TPN771	113763
2873147	110449	2871A101	111184	2873A016	110464	U5MK8259	110552
2873152	110818	2871A102	111185	2873A017	110439	U5MK8260	112534
2873153	110464	2871A103	110178	2873A029	111346	U5MK8261	112534
2873155	110450	2871A104	111289	2873A030	111737	U85086770	114476
2873168	110818	2871A105	110178	2873A031	111346	U85086771	114476
2873179	110178	2871A107	110178	2873A101	114730	U85086790	112534
2873180	110442	2871A109	111289	2873A102	110443	U85086800	112534
2873181	110442	2871A110	110969	2873A103	110442		
2873185	110442	2871A112	110969	2873A104	110439	PEUGEOT	
2873186	110442	2871A116	110178	2873A105	110464	111111	116282
2873188	110256	2871A118	110178	2873A15	110442	555711	111075
3317010	114852	2871A120	111185	2873B052	110819	555724	111076
3586847	114387	2871A121	111184	2873B053	110460	555756	111076
3586847	116307	2871A122	111289	2873B055	114650	555799	111071
3789640	114767	2871A123	110969	2873B056	110615	555807	111066
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3943494	113763	2871A126	110969	2873B058	112277	555836	111070
3991485	114302	2871A128	110968	2873B059	112277	555838	111070
7523002	110442	2871A129	111184	2873B061	110819	555893	111066
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18508660	112534	2871A134	110178	2873B073	111346	558007	111066
18508661	110552	2871A136	110178	2873D001	110565	558093	111066
18508662	110552	2871A137	110179	2873D002	110565	558098	110584
28735052	110818	2871A138	110968	2873D003	110443	5417601	113705
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185046170	110258	2871A147	110770	2873D202	111793	5446248	110743
185046220	111048	2871A148	110770	2873D301	110524	5473145	110743
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185046522	113763	2871A160	111355	2873K401	113132	5491162	110743
185086291	111300	2871A161	111368	2873K404	113654	5491319	110743
185086321	110552	2871A163	114360	2873K405	113655	5491448	111100
185086410	111300	2871A165	111289	2873K406	114278	75491667	110743
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75491723	111100	96050637	112782	9151798080	111076	9631318180	111318
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75492566	111100	96054384	111070	9151798380	111076	9631318380	113485
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91040098	111070	96087192	110584	9153624180	110584	9631318580	112298
91507477	110587	96087193	111029	9153695080	111066	9631318680	112299
91507478	110587	96093132	110584	9350136080	111289	9631318780	112772
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91508525	110587	96102058	111130	9467560380	112461	9631325080	111723
91508644	110587	96103822	112299	9538544180	113246	9633292480	110584
91514125	111070	96106015	112299	9555507680	113926	9633782580	113405
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91514788	111075	96122596	112292	9561228780	111289	9634476880	112782
91517980	111076	96122598	114026	9563521080	111076	9634561480	113404
91517981	111076	96134966	112230	9600282180	110587	9635342080	112460
91517982	111076	96147592	111130	9602174480	111841	9635501280	115354
91517983	111076	96155198	111130	9603503580	111070	9635557780	113404
91535771	111115	96168629	112299	9603552180	111076	9635772780	113603
91536044	111070	96178428	111893	9605062980	110619	9635772880	112480
91536241	110584	96178429	113485	9605219380	110584	9635772980	113503
91536242	110584	96178612	111318	9607641280	112298	9636204480	113405
95125288	111070	96178613	111318	9608719280	110584	9636204580	113575
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95492810	110743	96189464	112703	9608719380	111029	9636254180	112461
95493117	111075	96194293	112782	9609313280	110584	9636545580	112467
95493164	111071	96199161	112703	9610601580	112299	9636559780	114126
95493165	111071	96217914	112460	9610601880	112772	9637075380	113404
95494135	111071	96237271	112058	9611365980	112298	9637398980	113575
95494137	111071	96237272	113603	9611366880	112298	9637813680	113254
95494247	111100	96253824	112053	9611369580	112298	9638275380	113575
95494264	111075	96253825	114460	9612257180	112298	9638275580	113405
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95598735	114026	96481116	114460	9618725080	110584	9640088080	115438
95607007	111100	96547528	114859	9618946480	112703	9640623580	113755
95607229	110587	96667749	114026	9618952880	112688	9640628880	113755
95607231	111076	97530824	110584	9618961380	111318	9640825280	113254
95607232	111075	98490185	112681	9618961480	113604	9640878780	112461
95607233	111066	98490186	111498	9618961580	111318	9641214980	115438
95607234	111070	675092580	113959	9618961680	113604	9641302580	112461
95611523	111076	1475489080	112053	9619310280	111130	9641398480	113405
95618728	110743	1606439580	115384	9619333080	112299	9641398680	113575
95619191	111076	1607835680	116153	9619333280	112299	9641727480	113404
95619192	111075	1608858080	115346	9619333380	112772	9642124980	115438
95619197	111115	1608858180	115667	9619429380	112782	9642147380	113503
95624061	111841	1609842580	115739	9619916180	112703	9642879480	113246
95624960	110584	1610815380	116152	9620332580	112287	9642879680	113246
95624961	111841	1612092880	116648	9620333380	111532	9642879780	113246
95632024	111841	1612092980	113963	9621191780	113485	9642879980	113405
95653968	112162	1612093080	116279	9621791480	112460	9642880080	113575
95653974	111071	1612350480	116279	9621791680	112058	9642880180	112469
95656487	111130	1612794380	115400	9623727180	112058	9642880280	112058
95656490	111029	1614016380	116281	9623727280	113603	9642880380	113603
95667742	110619	1614379980	114054	9623727281	113603	9642880480	112480
95667743	112782	1637179880	116648	9623727380	112480	9643001680	114128
95667747	112292	7910004942	111066	9623727780	113603	9644037180	115369
95667748	114026	7910027938	111066	9623727880	112480	9644103580	113640
95667749	114026	7932567547	111086	9623727980	113503	9644529680	113948
95667752	110584	7932567548	111086	9623737980	113503	9644536880	113575
95667753	110584	7932568392	111086	9624141480	113485	9644927080	113405
95667754	111130	9150747780	110587	9624141580	112688	9645100680	113933
96014184	111130	9150747880	110587	9625382480	112053	9645907580	112461
96016744	112162	9150864480	110587	9625382680	114460	9645907680	112460
96017849	111029	9150864580	110587	9625382780	111070	9645907780	112460
96021744	111841	9150866480	110584	9626261480	111994	9645907880	112460
96028857	110584	9151095080	111076	9627727180	112058	9646049980	113755
96035033	111130	9151412580	111070	9628925380	110619	9646065180	114859
96035035	111070	9151431280	111070	9630080280	112703	9646065480	113640
96050629	110619	9151478880	111075	9630204580	113575	9646068880	113755

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PEUGEOT <i>Continued</i>							
9646153680	112058	9678048880	115364	02131-9020	115937	99760301206	115678
9646321780	113640	9678049480	115475	02131-9021	115937	99760301207	115678
9646321880	113640	9678049580	115582	02131-9040	112334	99760301208	115678
9646388280	114859	9678058680	115364	02131-9110	113328	99760301209	115678
9646452480	115541	9678178280	116152	02131-9111	113328	911604101AX	113845
9646476280	113755	9678690180	115986	02131-9112	113328	911604101BX	113845
9646477580	113755	9688085380	114859	02131-9113	113328	948604106X	114477
9646679980	113254	9688237380	115546	02131-9130	114827	99609460403E	114316
9646694080	114030	9688237380	116357	02131-9131	114827	9966030122U	115835
9646972280	113926	9688268480	113254	02131-9153	115737	9966030122X	115835
9647157980	113926	9688268580	113254	02131-9212	114287	996604103AX	114316
9647982880	110584	9688477380	116092	02131-9212	116358	996604107BX	116571
9648111680	114460	9801667580	113254	02131-9261	115409	9976030127X	115678
9648242180	113926	9801667780	113933	02131-9262	115409		
9648644680	110584	9801895380	115438	02131-9271	116450	PRESTOLITE	
9649448380	115328	9803049980	115364	02131-9310	113328	462415	111861
9649611280	113946	9803750980	115475	02131-9311	113328	855694	111000
9649611480	113575	9806007480	115546	02131-9340	116027	858320	110518
9649611580	113575	9806007480	116357	02142-5070	114414	858884	112345
9649611680	113246	9807545980	116280	03101-3030	111683	859232	110895
9649611780	113246	9810525380	115364	03101-3031	111683	859327	111295
9649611880	113246	9820893880	116152	03101-3050	110389	860053	110173
9649846780	115541	9827007180	114460	03101-3051	110389	860141	112097
9649846880	115371	5802AE	114030	03101-3170	113329	860507	111231
9650358580	113640	5802AW	114854	03101-3180	115968	860541	111219
9650582080	113948	5802H5	112053	03101-3190	113329	860543	111218
9651927480	114707	AM532010AR	110743	03101-3210	113329	860551	111746
9651927480	115474	AM532-010AR	110743	03101-3220	113329	860557	111886
9652035480	114391	AY532010R	110743	03111-4040	111065	860561	112189
9653459080	114391	B000911980	116301	03111-4041	111065	860616	113672
9654343080	113246	ND53301A	110537	03111-4140	113327	860616	115881
9654561480	114854	ND53301B	113465	03111-4200	114762	860650	112224
9654595680	114854	TG15S205	115364	03111-4240	114732	860705	111771
9654752880	114859	V754089780	113960	03111-4241	114732	860715	114388
9655249280	112298	V755001780	113960	03111-4300	115350	860804	114212
9655296080	113946	V75500178004	113960	03111-5020	112344	860807	113351
9655858280	113946	V755210580	113960	03111-5021	112344	860808	113998
9656003780	112469	V755300980	114771	03112-7021	112502	860809	115618
9656262780	114460	V757436580	114771	37300-2W000	113903	860813	114001
9656299480	114460	V75764218002	116311	37300-2W001	113903	860814	114376
9656955880	113246	V75765138001	116311			860821	113959
9656956080	113405	V75769218002	116311	PORSCHE		861035	112055
9656956280	113246	V75769218003	116311	996603012	116170	861037	111640
9656956380	113575	V757695680	114752	91160312004	110931	861039	113466
9657129680	114391	V75769568002	114752	91160410101	113845	861095	110060
9658308780	110584	V757712180	114771	91160410103	113845	861286	112427
9660055080	114707	V758575080	114752	91660410100	113845	861286	115871
9660055080	115474	V758575180	114811	94860410600	114477	861311	116291
9661152980	115369	V758575180	116311	94860420600	116568	1277700	112343
9661544880	114859	V75857518000	116311	94860420800	111911	20130195	115742
9662731680	115369	V75857518001	114811	95560301700	116173	20500107	110465
9662854080	113933	V761548480	114811	95560311700	116186	35259300	114107
9662854180	114030	V764559080	113960	95560391701	116173	66021636	110968
9663010980	115475	V764559480	113960	95560410700	116039	110-268	110937
9663528880	113933	PIAGGIO		95560410800	115375	110-872	112159
9663647980	114848	157715	110060	95860312200	116515	40-259	111863
9664016980	113254	179116	116074	95860410900	116000	860305Z	111910
9664057480	114848	250761	114741	95860411101	115559	860500GB	110207
9664074280	115475	292083	114741	96460410400	116571	860511GB	112116
9664532780	114811	56514R	115329	96560410400	116571	860512GB	110980
9664532780	116311			98660410400	115942	860804AM	114212
9664779680	115364	POLARIS		99660301200	116170	860805GB	114753
9664883080	115328	3084981	113528	99660301201	116170	860808GB	114016
9664984080	115582	3240110	112010	99660301202	115835	860808GB	116478
9665067980	113246	3240281	112010	99660301203	116170	861274GB	116310
9665577480	113246	4010675	112010	99660301204	115835	8AL2014F	110408
9665577580	113405	4060118	112010	99660301205	116170	8AL2025F	110408
9665577780	113575			99660301206	115835	8AL2026F	110408
9665617780	115369	POONG SUNG		99660410300	114316	8MR2121LA	116314
9665735680	115369	02121-8025	112506	99660410301	114316	8MR2124L	116314
9666030280	114707	02121-8026	112506	99660410400	114316	8MR2326L	116314
9666998080	115604	02121-8027	112506	99660410700	116571	8MR2327L	116314
9666998080	116353	02121-8070	112506	99660410701	116571	8MR2349	116079
9671014680	114460	02121-8071	112506	99660410702	116571	8SC3110VC09	114348
9674077280	116281	02121-8072	112506	99660410800	116571	8SC3110VC111	114348
9674987580	115461	02121-8073	112506	99760301200	115678	8SC3110VC117	114348
9674987580	116061	02121-8074	113903	99760301201	115678	8SC3110VC118	114348
9675092580	113959	02121-9020	114766	99760301202	115678	8SC3110VC120	114348
9675660680	116282	02121-9021	114766	99760301203	115678	8SC3110VC120E	114348
9676143580	113958	02121-9022	114766	99760301204	115678	8SC3110VC17	114348
9677608580	115739			99760301205	115678	8SC3110VC18	114348

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
8SC3110VC23	114348	MGD4102A	111043	120.018.002	113538	130.566.092	115395
8SC3110VC37	114348	MGD4102C	111043	120.018.132	113538	130.568.092	115719
8SC3110VC39	114348	MGD4106	110240	120.021.142	112246	130.568.102	115719
8SC3110VC40	114348	MGD4108	110648	120.024.142	113723	130.569.132	115830
8SC3110VC42	114348	MGD4108A	110648	120.027.104	112145	130.570.082	114871
8SC3110VC43	114348	MGD4110	110240	120.509.092	111442	130.571.132	116418
8SC3110VC64	114348	MGD4113	110647	120.511.092	112214	130.579.132	116417
8SC3110VC65	114348	MGD4115	110240	120.515.092	112217	130.580.172	116618
8SC3110VC79	114348	MGL4001B	110648	120.516.092	111442	130.585.132	116285
8SC3110VC80	114348	MGL4105	111861	120.519.112	113361	130.588.082	114871
8SC3110VC815	114348	MHJ7003	112318	120.520.092	114816	130.591.132	116418
8SC3110VC83	114348	MHJ7005	112318	120.522.092	115637	130.593.092	114341
8SC3110VC91	114348	MHJ7024	112318	120.522.122	113732	130.598.092	110573
8SC3110VC94	114348	MHX4001	112318	120.525.092	115554	130.598.092	111683
8SC3110VC98	114348	MKW4006	110647	120.533.092	115627	130.599.132	116285
8SC3110VCH114	114348	MKW4007	111861	120.534.092	114389	131.504.092	111254
8SC3133U	110175	POA4001	110240	120.536.092	115362	131.518.112	116315
8SC3150VC30	114348	POA4002	110240	120.537.092	116470	131.521.112	115802
8SC3150VC30A	114348	POB4001	111043	120.540.092	112217	131.532.112	114474
8SC3150VC95	114348	PRL8SC3110VC	114348	120.541.092	110249	131.533.092	111254
8SC3151VCA49	114348			120.544.103	115406	131.537.092	111254
8SC3151VCA59	114348			120.545.132	114855	135.017.055	113793
8SC3151VCA7	114348	PSH		120.546.132	115525	135.507.100	111514
8SC3151VCA77	114348	015.002.065	110497	120.547.092	113629	135.511.120	116334
8SC3151VCB7	114348	015.002.090	113152	120.549.092	113821	135.519.120	115619
8SC3200V	114348	016.001.055	110977	120.550.122	115687	135.538.120	115308
AELB697	110895	100.506.113	112454	120.551.092	115327	135.541.100	116468
AVI144S3001	112159	100.510.122	115360	120.552.122	113732	135.549.105	116168
AVI147S3103HD	115496	100.513.093	114234	120.556.092	114389	135.552.070	112673
ETK4102	111863	105.001.065	111686	120.557.102	114375	135.554.120	115304
EVC4002	111864	105.004.055	111153	120.558.092	116559	135.556.050	115432
FPOR4001	111861	105.007.055	110890	120.560.102	113821	135.563.120	116181
M105R3502SE	114330	105.008.085	112453	120.561.102	115779	135.565.035	114679
M105R3505SE	115447	105.009.055	111418	120.562.092	114389	135.566.100	114665
M105R3507SE	113827	105.009.055	115873	120.565.092	116470	135.568.090	116105
M105R3509SE	115447	105.010.055	112768	120.571.092	115681	135.570.120	110178
M105R3522SE	115347	105.012.055	110890	120.576.092	116470	135.571.070	114249
M90R3538SE	114193	105.014.065	111686	120.576.092	116470	135.573.080	115683
M90R3538SE	115877	105.016.053	110611	125.002.035	110138	135.573.090	115683
M90R3570AM	116374	105.504.105	113942	125.508.060	111578	135.574.100	115410
MBJ4201	112577	105.505.090	113943	125.509.060	111578	135.575.120	115306
MBJ4202	112577	105.505.100	113943	125.512.070	111609	135.576.120	115843
MBJ4209	112577	105.505.120	113336	125.513.070	111609	135.577.120	115989
MBJ4402	112577	105.508.090	113536	125.513.090	111609	135.580.100	114728
MBJ4407	112577	105.509.120	114829	125.517.095	115865	135.581.100	114726
MBJ6202	112577	105.510.090	113536	125.518.060	113954	135.584.140	115396
MBJ6304	112577	105.511.150	114755	125.518.070	113954	135.585.120	115583
MCD4007	110647	105.512.150	114083	125.523.070	112349	135.585.120	116183
MDA3946	112160	105.513.090	114494	125.526.090	116343	135.585.140	114847
MDF7024	112318	105.514.065	114669	125.528.100	114272	135.586.140	116022
MDH4001	111043	105.515.120	115932	125.530.080	114841	135.588.120	115619
MDH4002M	111043	105.516.120	116094	125.531.105	114208	135.589.120	115846
MDH4102M	111043	105.517.150	116372	125.531.130	114208	135.590.120	115583
MDW4002M	111043	110.506.092	111525	125.537.092	116470	135.590.120	116183
MDW4204M	111043	110.512.082	115784	125.538.090	115661	135.592.120	115478
MDX7047	112317	110.516.082	113208	125.546.090	115865	135.592.140	116180
MDY6116	112317	110.516.092	113208	125.548.040	113997	135.593.100	115526
MDY7037	112317	115.002.040	110374	125.549.075	114116	135.594.100	114779
MDY7039	112317	115.003.040	110138	125.550.095	116218	135.598.100	114727
MDY7040	112317	115.501.040	111048	125.556.130	115836	135.602.100	113941
MDY7055	112317	115.502.040	110374	125.558.090	116437	135.606.080	116107
MDY7061	112317	115.504.040	111437	125.559.130	115983	135.701.090	115752
MDY7066	112317	115.504.050	111437	125.564.120	116437	135.804.070	111267
MEO6005	112249	115.506.040	113921	125.569.120	114208	135.804.070	112228
MF7034	112317	115.509.070	115929	125.570.150	116148	135.916.120	116392
MFX4001	112317	115.510.060	113306	125.572.130	116767	135.924.120	116181
MFX4004	112317	115.512.040	114411	125.582.105	116590	135.928.090	115683
MFX4005	112317	115.513.050	111610	125.594.055	115803	135.929.100	116008
MFX7012	112317	115.521.040	111048	130.002.092	111906	136.004.050	116481
MFY6201I	110999	115.526.070	115929	130.009.092	110839	136.006.050	115315
MFY6201K	110999	115.526.080	116509	130.401.114	112240	136.009.080	116104
MFY6401K	110999	115.529.080	116509	130.412.092	110573	136.025.020	113212
MFY6401L	110999	115.530.045	110374	130.528.112	114124	136.028.025	111051
MFY6601I	110999	115.531.045	115319	130.532.092	113276	136.502.050	115630
MFY6601K	110999	115.532.040	114515	130.536.092	114482	136.804.080	116531
MGD4002A	111043	120.002.102	112145	130.552.092	116445	136.805.025	111493
MGD4002C	111043	120.004.102	110483	130.558.092	115575	140.015.082	110182
MGD4002M	111043	120.007.003	112157	130.560.092	115525	140.018.112	116431
MGD4007	110647	120.010.003	112157	130.561.123	115597	140.503.123	116274
MGD4007A	110647	120.012.093	110537	130.562.092	115745	140.534.112	115599
MGD4013	110647	120.013.093	110240	130.563.113	116584	140.536.103	115639
		120.016.092	110647				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PSH Continued							
140.550.112.....	116269	155.910.130.....	116215	190.585.112.....	114853	195.977.080.....	114290
145.549.100.....	115797	155.911.070.....	115980	190.594.092.....	115723	195.983.050.....	114725
145.555.110.....	116110	155.915.090.....	116399	190.595.092.....	113757	195.987.100.....	116301
145.557.090.....	115795	155.922.130.....	116403	190.595.092.....	115594	195.989.150.....	116469
145.558.100.....	116011	155.928.130.....	116402	190.901.102.....	116424	195.994.100.....	114433
145.562.150.....	116293	155.942.090.....	112328	190.902.102.....	115644	195.998.100.....	114694
145.575.070.....	111384	155.950.110.....	113652	190.903.092.....	114661	196.507.060.....	116029
145.576.080.....	112067	155.954.090.....	112537	190.904.092.....	114886	196.510.060.....	114363
145.811.070.....	116495	156.006.050.....	114425	190.905.092.....	115613	200.524.092.....	114776
150.505.102.....	110572	156.007.050.....	114425	190.926.092.....	116472	200.525.093.....	115947
150.511.122.....	111912	160.537.122.....	113319	190.931.102.....	113757	200.529.092.....	115996
150.515.112.....	113668	160.540.103.....	115567	190.933.092.....	114886	200.530.102.....	115559
150.517.092.....	113329	160.572.102.....	115341	190.934.092.....	114886	200.530.102.....	116054
150.539.092.....	113796	160.578.102.....	115949	190.937.092.....	110411	200.531.102.....	115635
150.548.112.....	113195	160.581.112.....	115727	190.940.092.....	110411	200.532.092.....	115961
150.548.112.....	114038	160.584.082.....	114761	190.941.092.....	110411	200.535.102.....	115948
150.549.082.....	114488	160.586.092.....	115426	190.946.082.....	113963	200.536.093.....	115375
150.559.082.....	114820	160.592.092.....	114875	190.975.102.....	113757	200.537.112.....	115735
150.561.082.....	114443	160.594.092.....	114032	195.001.035.....	110258	200.538.132.....	115337
150.563.122.....	114183	160.907.123.....	116278	195.318.080.....	113715	200.538.133.....	115337
150.564.082.....	113797	160.909.082.....	113644	195.325.130.....	116637	200.541.133.....	115336
150.565.082.....	115977	160.914.104.....	116253	195.503.060.....	110496	200.542.102.....	116486
150.567.112.....	115626	161.002.103.....	116041	195.504.050.....	110628	200.542.112.....	116412
150.568.122.....	114778	165.502.080.....	115531	195.505.060.....	111428	200.542.112.....	116486
150.570.082.....	114760	165.512.050.....	112069	195.505.132.....	113995	200.543.102.....	115733
150.571.142.....	114696	165.516.110.....	116009	195.524.070.....	111579	200.543.112.....	115733
150.577.112.....	115446	165.536.090.....	115550	195.530.100.....	115416	200.544.112.....	115900
150.578.092.....	114887	165.544.150.....	114803	195.530.110.....	115416	200.545.112.....	115636
150.587.112.....	116026	165.569.150.....	116032	195.532.100.....	115863	200.546.102.....	115945
150.588.082.....	115743	165.573.070.....	115837	195.533.080.....	111538	200.546.132.....	115945
150.591.112.....	115390	165.576.130.....	116646	195.535.080.....	111468	200.547.133.....	115560
150.592.082.....	115448	165.580.070.....	115868	195.540.080.....	115660	200.548.102.....	115636
150.592.092.....	115448	165.582.150.....	115703	195.540.090.....	115791	200.549.102.....	115938
150.594.082.....	113659	165.586.150.....	115519	195.544.090.....	111507	200.552.132.....	115818
150.595.093.....	116598	165.587.100.....	115316	195.545.070.....	112063	200.552.133.....	115818
150.598.132.....	116428	165.590.150.....	115811	195.546.120.....	115415	200.553.132.....	116272
150.901.102.....	116420	165.597.110.....	115705	195.552.090.....	114361	200.560.103.....	113346
150.906.102.....	111272	165.599.110.....	116680	195.561.100.....	116444	205.014.090.....	112750
150.907.102.....	114443	165.905.080.....	116439	195.567.090.....	115790	205.501.090.....	111478
150.908.152.....	112178	165.913.150.....	116395	195.568.100.....	114390	205.517.140.....	116387
150.909.112.....	116430	165.916.150.....	116381	195.568.130.....	114410	205.519.140.....	116380
150.912.112.....	116283	165.918.150.....	116033	195.568.150.....	115669	205.521.150.....	115919
150.917.082.....	116250	165.919.150.....	116031	195.572.100.....	114010	205.522.150.....	115856
150.922.082.....	110158	165.933.090.....	113787	195.572.130.....	114115	205.527.150.....	116172
150.923.102.....	116536	165.939.065.....	110632	195.573.070.....	114005	205.539.140.....	116380
150.926.122.....	116271	166.011.025.....	112477	195.574.100.....	116637	205.539.180.....	116438
150.943.082.....	116258	166.805.035.....	111614	195.574.130.....	116637	205.541.180.....	115906
150.944.122.....	115446	170.503.082.....	111552	195.582.090.....	114291	205.543.200.....	116146
150.945.082.....	110158	170.509.092.....	111552	195.582.100.....	113972	205.545.140.....	115367
151.508.112.....	114893	170.517.092.....	111189	195.588.070.....	114005	205.546.200.....	116614
151.538.102.....	114169	170.517.092.....	111552	195.599.080.....	114362	205.548.150.....	115953
151.538.104.....	114169	170.518.082.....	111552	195.808.060.....	114203	205.555.150.....	115901
151.546.093.....	113195	175.510.110.....	115453	195.909.090.....	114897	205.560.150.....	115631
155.512.095.....	116153	175.518.110.....	115453	195.910.080.....	114099	205.574.090.....	112399
155.520.070.....	113791	180.015.092.....	114867	195.918.080.....	114290	205.578.180.....	115910
155.529.090.....	112418	180.017.092.....	114182	195.923.100.....	114433	205.579.180.....	116583
155.551.110.....	113782	180.508.082.....	110394	195.927.100.....	114490	205.585.150.....	115967
155.556.070.....	115815	180.508.092.....	114225	195.928.090.....	114311	210.502.092.....	111400
155.568.110.....	113782	180.511.082.....	115538	195.928.100.....	114390	210.512.092.....	115940
155.570.070.....	113791	180.514.103.....	115444	195.929.080.....	114750	210.537.103.....	114689
155.571.120.....	115926	180.517.082.....	110394	195.929.090.....	114667	210.538.113.....	115335
155.574.110.....	115603	180.520.102.....	116270	195.932.100.....	115863	210.538.113.....	116059
155.575.150.....	115747	180.521.123.....	113897	195.936.100.....	115657	210.539.113.....	114689
155.576.080.....	115654	180.523.082.....	115349	195.936.120.....	115657	210.540.092.....	115398
155.577.090.....	115715	180.524.082.....	114060	195.937.100.....	115863	210.545.092.....	115574
155.577.110.....	116226	185.504.045.....	110965	195.939.080.....	114897	210.545.102.....	115574
155.578.150.....	115632	185.513.070.....	114023	195.940.090.....	114311	210.548.092.....	115562
155.580.120.....	115760	185.515.075.....	114881	195.942.080.....	112356	210.549.123.....	115558
155.581.110.....	114827	185.517.075.....	116292	195.942.130.....	114410	210.550.133.....	115999
155.584.090.....	115477	185.519.080.....	116292	195.944.100.....	115666	210.551.113.....	115962
155.586.110.....	116027	185.521.075.....	114247	195.945.090.....	116332	210.553.132.....	116464
155.587.070.....	115827	185.522.080.....	116439	195.948.100.....	114694	210.554.112.....	116259
155.590.130.....	116030	185.528.130.....	115866	195.949.100.....	115863	210.555.153.....	116371
155.591.090.....	113863	185.535.075.....	114245	195.951.100.....	114246	210.557.133.....	116273
155.592.130.....	116450	185.603.100.....	114207	195.955.130.....	116765	210.558.113.....	115335
155.598.110.....	115975	190.014.092.....	115651	195.957.150.....	116469	210.558.113.....	116059
155.604.080.....	112355	190.521.092.....	113171	195.960.100.....	116090	210.560.153.....	116371
155.604.105.....	112205	190.554.092.....	113963	195.968.060.....	112063	215.403.180.....	115473
155.803.050.....	111240	190.561.092.....	114889	195.970.100.....	114490	215.408.150.....	112426
155.809.065.....	111339	190.563.082.....	114125	195.971.090.....	116504	215.503.060.....	116075
155.901.130.....	116394	190.583.092.....	114851	195.971.100.....	116504	215.510.095.....	111947

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
215.513.090.....	111873	225.568.080.....	115474	300.943.132.....	115610	400.084.150.....	116076
215.517.155.....	115904	225.571.150.....	116152	300.944.132.....	115402	400.085.102.....	113593
215.529.090.....	113871	225.573.180.....	115739	301.503.103.....	111000	400.093.142.....	113854
215.529.090.....	115867	225.578.090.....	111532	305.017.065.....	110919	400.099.160.....	112312
215.530.145.....	113871	225.578.090.....	112467	305.303.090.....	115916	400.503.133.....	115992
215.530.145.....	115867	230.001.113.....	112344	305.309.180.....	116576	400.504.102.....	116078
215.530.150.....	113871	230.509.082.....	111849	305.317.140.....	116298	400.507.092.....	114823
215.530.150.....	115867	230.510.082.....	111849	305.336.180.....	116384	400.513.092.....	114716
215.531.220.....	116187	231.004.113.....	116305	305.411.190.....	113758	400.515.092.....	115755
215.533.155.....	115976	231.509.103.....	113356	305.512.090.....	111884	400.516.093.....	114261
215.537.220.....	116489	235.505.085.....	114412	305.513.120.....	112002	400.535.102.....	116448
215.539.150.....	114720	235.506.085.....	114350	305.518.140.....	113992	400.537.142.....	114519
215.541.180.....	116488	235.510.085.....	114412	305.522.180.....	116186	405.001.011.....	113145
215.542.170.....	115923	235.514.120.....	114235	305.524.140.....	113275	405.002.011.....	113144
215.542.180.....	115923	235.515.065.....	114114	305.525.090.....	112396	405.003.011.....	113146
215.543.220.....	116188	235.517.070.....	114114	305.525.140.....	113252	405.004.011.....	113147
215.544.150.....	116012	235.519.080.....	115353	305.525.150.....	115763	405.503.055.....	113633
215.548.180.....	115804	235.520.085.....	111846	305.529.120.....	111828	405.508.080.....	112669
215.549.180.....	116169	236.001.045.....	115690	305.531.150.....	113885	410.001.112.....	116074
215.550.156.....	114771	250.506.102.....	113937	305.536.090.....	116017	425.502.110.....	114019
215.551.090.....	116165	250.507.082.....	114443	305.541.140.....	116298	425.502.110.....	116047
215.555.220.....	116189	250.508.082.....	115758	305.543.110.....	116587	425.504.045.....	115724
215.557.170.....	114385	250.508.112.....	115758	305.553.070.....	115764	425.505.070.....	116603
215.558.150.....	115860	250.511.132.....	115729	305.553.110.....	115714	425.801.105.....	114383
215.559.230.....	116189	250.514.123.....	115350	305.560.090.....	113253	425.801.105.....	116361
215.563.150.....	115834	250.515.102.....	116260	305.565.150.....	116173	440.505.133.....	115560
215.565.180.....	115581	250.517.102.....	115757	305.570.180.....	115713	445.004.070.....	110622
215.565.180.....	116348	250.518.112.....	116276	305.570.180.....	116319	445.504.110.....	115658
215.567.220.....	115823	250.518.132.....	116276	305.572.140.....	115528	445.509.140.....	115767
215.571.145.....	114844	255.505.110.....	116096	305.578.110.....	115707	445.510.140.....	115767
215.571.150.....	114844	255.508.110.....	114287	305.581.150.....	113884	450.506.122.....	113281
215.574.170.....	115931	255.508.110.....	116358	305.582.140.....	115433	450.512.153.....	115950
215.583.220.....	116138	255.509.120.....	115587	305.583.090.....	113888	450.517.092.....	115822
215.583.230.....	116138	255.512.130.....	115737	305.589.220.....	116515	450.519.112.....	115982
215.584.180.....	115675	255.513.110.....	115603	305.594.140.....	115730	450.520.092.....	115642
215.587.170.....	115693	255.515.070.....	116502	305.597.180.....	114697	450.525.103.....	115725
215.594.210.....	116442	255.520.120.....	116721	305.902.180.....	116147	450.526.114.....	114692
215.597.180.....	115694	255.526.090.....	116192	305.905.140.....	116386	450.527.114.....	114849
215.908.110.....	114781	255.601.075.....	115937	305.906.140.....	115916	450.530.112.....	115997
215.908.140.....	113871	261.516.113.....	110580	305.907.140.....	115765	450.531.103.....	115943
215.908.140.....	115867	266.003.050.....	115994	305.908.140.....	115767	450.539.133.....	116246
215.909.120.....	113871	276.501.030.....	114456	305.911.180.....	115713	450.540.093.....	115468
215.909.120.....	115867	281.001.113.....	116626	305.911.180.....	116319	450.544.092.....	111865
215.918.180.....	116622	285.005.036.....	113683	305.912.180.....	116147	455.507.120.....	113407
215.925.150.....	115976	291.001.102.....	112174	305.914.180.....	115918	455.512.120.....	115864
220.008.093.....	110584	291.002.102.....	112174	305.915.140.....	116036	455.525.150.....	116007
220.030.093.....	110584	300.511.093.....	112286	305.921.090.....	115764	455.527.180.....	115671
220.501.123.....	111115	300.541.092.....	112443	305.931.110.....	115695	455.529.150.....	116318
220.504.123.....	114460	300.544.083.....	112388	305.932.140.....	116383	455.530.150.....	115930
220.515.103.....	114460	300.555.102.....	113841	305.939.140.....	114722	455.531.150.....	114771
220.523.093.....	111994	300.558.092.....	116039	305.945.140.....	115730	455.532.180.....	116597
220.529.113.....	113926	300.563.092.....	114723	305.967.140.....	116235	455.540.180.....	116639
220.529.123.....	113926	300.566.102.....	114176	305.970.180.....	116195	455.701.090.....	114386
220.532.112.....	113959	300.572.093.....	115744	305.988.140.....	116452	470.505.092.....	115773
220.534.103.....	114460	300.577.093.....	114690	305.999.140.....	116193	470.507.112.....	112906
220.536.103.....	116092	300.582.102.....	115611	400.023.142.....	111922	475.507.140.....	115907
220.537.102.....	116648	300.585.112.....	115311	400.024.142.....	113231	475.511.140.....	114257
220.538.153.....	116281	300.586.093.....	114775	400.025.100.....	111921	480.501.102.....	116571
220.540.092.....	116279	300.586.093.....	115502	400.032.162.....	110634	480.502.092.....	116571
220.543.143.....	116280	300.590.112.....	115612	400.033.162.....	112563	480.502.102.....	116571
220.544.123.....	116282	300.594.112.....	115638	400.035.103.....	110510	480.504.102.....	116571
220.545.094.....	111029	300.595.132.....	115402	400.037.092.....	111766	480.505.092.....	115942
220.547.113.....	111130	300.596.133.....	115336	400.038.081.....	110648	480.508.092.....	114316
225.008.080.....	111071	300.599.123.....	114299	400.038.101.....	110648	480.511.102.....	116568
225.015.050.....	111841	300.901.132.....	115539	400.039.093.....	110647	480.512.102.....	116568
225.511.150.....	114771	300.901.132.....	116156	400.040.174.....	113671	480.513.102.....	111911
225.516.150.....	113640	300.903.132.....	115402	400.041.092.....	113545	485.502.120.....	115835
225.528.150.....	113640	300.904.102.....	115948	400.043.110.....	111043	495.502.065.....	111756
225.531.060.....	113246	300.907.132.....	115645	400.052.092.....	111917	495.504.120.....	115429
225.547.080.....	112469	300.910.132.....	115589	400.053.002.....	112010	495.505.075.....	113720
225.553.080.....	114752	300.914.153.....	116000	400.059.094.....	111765	495.505.075.....	116064
225.554.120.....	115371	300.916.133.....	115696	400.060.092.....	112010	495.506.150.....	116599
225.555.150.....	114771	300.918.112.....	115841	400.061.093.....	111915	500.410.103.....	115444
225.556.220.....	115582	300.922.132.....	115561	400.063.092.....	111918	500.505.093.....	113846
225.557.150.....	115364	300.924.122.....	115736	400.064.092.....	112010	500.529.113.....	114741
225.559.080.....	114707	300.925.133.....	115560	400.073.102.....	112566	500.531.093.....	114321
225.561.150.....	115461	300.927.133.....	115336	400.074.092.....	113546	500.538.103.....	116024
225.561.150.....	116061	300.929.132.....	115610	400.078.102.....	113017	500.540.093.....	113935
225.564.090.....	115546	300.931.132.....	115539	400.080.162.....	110635	500.540.093.....	115501
225.564.090.....	116357	300.931.132.....	116156	400.081.162.....	112242	500.546.103.....	114021
225.568.080.....	114707	300.940.132.....	115402	400.082.152.....	113539	500.556.103.....	116045

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PSH Continued							
500.560.093.....	115399	510.506.092.....	114181	550.593.093.....	114395	555.913.220.....	116080
500.560.113.....	115399	510.516.092.....	113181	550.596.102.....	113282	555.920.180.....	115600
500.561.093.....	115400	510.517.093.....	114475	550.597.102.....	111768	555.921.180.....	115676
500.561.102.....	115400	510.517.093.....	116672	550.598.123.....	114003	555.934.200.....	116142
500.562.093.....	111332	510.520.092.....	113181	550.902.092.....	115951	555.936.090.....	113301
500.562.093.....	116496	510.521.112.....	111855	550.907.122.....	116248	555.936.120.....	113835
500.563.093.....	110519	510.521.112.....	116128	551.004.113.....	113468	555.938.090.....	115952
500.564.093.....	110522	510.522.112.....	111855	551.028.113.....	113468	555.940.200.....	116365
500.565.093.....	114833	510.522.112.....	116128	551.033.103.....	110524	555.942.150.....	116632
500.567.103.....	116024	510.523.103.....	113346	551.104.093.....	110512	555.949.180.....	115600
500.568.103.....	116024	510.524.092.....	113181	551.105.113.....	110207	555.973.180.....	116487
500.570.103.....	115717	510.530.093.....	112071	551.203.093.....	110206	556.019.120.....	111842
500.572.103.....	114002	511.501.093.....	112494	551.215.110.....	115590	556.020.140.....	110544
500.579.093.....	113430	511.514.123.....	115355	551.237.123.....	113851	556.040.100.....	112038
500.580.093.....	113931	515.004.095.....	114783	551.237.123.....	115885	556.061.100.....	113448
500.581.093.....	113430	515.005.120.....	116547	551.240.110.....	110206	556.065.140.....	112370
500.582.103.....	112382	515.502.055.....	115970	551.509.113.....	112446	556.501.110.....	113351
500.584.102.....	113962	515.503.055.....	115971	551.509.113.....	116135	556.501.110.....	115557
500.588.093.....	115312	515.505.095.....	113768	551.510.113.....	113608	556.501.150.....	115805
500.589.103.....	115312	516.003.140.....	112343	551.514.123.....	116511	556.501.150.....	116457
500.594.113.....	113962	516.008.035.....	110766	551.522.093.....	111982	556.503.055.....	113295
500.598.093.....	112441	516.011.080.....	113895	551.525.133.....	114086	556.503.090.....	113289
501.006.092.....	116681	516.502.055.....	113738	551.525.133.....	115896	556.504.100.....	113351
501.211.113.....	110205	516.505.080.....	115381	551.533.123.....	115840	556.506.080.....	114007
501.212.103.....	110534	516.506.055.....	115899	551.535.123.....	115440	556.507.120.....	114528
501.212.113.....	110532	516.507.080.....	114471	551.536.123.....	115556	556.507.120.....	115496
501.503.123.....	113984	516.508.035.....	113470	551.536.123.....	115886	556.508.080.....	114008
501.505.103.....	114196	520.501.092.....	116685	551.539.133.....	116435	556.511.150.....	115805
501.506.103.....	114196	520.504.092.....	115344	551.541.123.....	116087	556.511.150.....	116457
501.514.093.....	112089	520.505.113.....	112496	551.542.113.....	115891	556.513.120.....	116459
501.516.103.....	114196	521.202.113.....	110208	551.545.123.....	116449	556.514.150.....	115808
505.037.055.....	112719	525.501.120.....	115833	551.547.093.....	110210	556.514.150.....	116684
505.037.055.....	116331	535.504.150.....	113949	551.555.123.....	113609	556.517.150.....	116006
505.044.065.....	111686	540.014.093.....	110506	551.555.123.....	113851	556.518.150.....	116508
505.049.120.....	114450	540.015.092.....	112233	551.557.113.....	116560	556.518.150.....	116612
505.052.055.....	110912	540.017.093.....	111259	551.558.113.....	116560	556.519.100.....	116291
505.506.150.....	116035	540.019.103.....	112074	551.559.113.....	116560	556.520.150.....	116462
505.506.150.....	116691	540.021.093.....	111332	551.560.123.....	115556	556.524.080.....	113351
505.508.120.....	114450	540.022.113.....	110818	551.560.123.....	115886	556.525.080.....	113351
505.522.090.....	112190	540.503.093.....	116004	551.563.123.....	113851	556.536.110.....	112159
505.524.150.....	115955	540.507.103.....	112660	551.563.123.....	115885	560.504.102.....	116535
505.532.120.....	114706	540.509.093.....	111752	551.566.093.....	110533	561.001.113.....	116690
505.537.075.....	115664	540.510.113.....	110818	551.568.093.....	112120	561.501.123.....	114733
505.546.150.....	115452	540.511.103.....	112267	551.569.103.....	111982	561.501.123.....	115894
505.549.140.....	115718	540.512.103.....	112267	551.570.093.....	110524	561.504.133.....	114193
505.560.070.....	113718	540.513.132.....	113725	551.580.123.....	115556	561.504.133.....	115877
505.560.090.....	113535	540.515.093.....	110521	555.010.080.....	112734	561.505.113.....	115593
505.560.120.....	114706	540.516.103.....	114050	555.013.055.....	110923	561.505.113.....	115887
505.563.090.....	115668	540.519.103.....	114480	555.514.150.....	115808	561.506.092.....	111043
505.563.105.....	115668	540.523.103.....	114107	555.514.150.....	116684	561.507.123.....	114733
505.564.120.....	115384	545.007.065.....	116126	555.515.150.....	115759	565.003.080.....	112098
505.566.120.....	114706	550.101.113.....	111217	555.519.150.....	112425	565.004.065.....	110881
505.567.105.....	115852	550.103.090.....	116510	555.526.090.....	111967	565.012.060.....	114190
505.568.090.....	115647	550.204.113.....	110409	555.532.180.....	114737	565.013.095.....	116544
505.569.090.....	115647	550.509.102.....	111851	555.536.115.....	112530	565.014.080.....	115689
505.569.105.....	115620	550.513.102.....	112220	555.540.120.....	113300	565.015.060.....	112183
505.570.120.....	115667	550.529.092.....	111931	555.547.150.....	116467	565.502.070.....	113768
505.573.105.....	114451	550.537.102.....	115939	555.551.220.....	116081	565.502.070.....	116550
505.574.120.....	115457	550.541.112.....	114742	555.552.220.....	116100	565.502.120.....	114808
505.574.120.....	116125	550.541.132.....	114742	555.553.220.....	115909	565.506.120.....	116677
505.575.100.....	113955	550.542.122.....	114093	555.557.150.....	115905	566.501.080.....	116015
505.577.110.....	116176	550.543.102.....	116002	555.559.150.....	116490	570.022.102.....	116535
505.578.150.....	115458	550.545.102.....	114507	555.559.180.....	115532	570.502.103.....	112295
505.578.150.....	116177	550.546.122.....	114305	555.561.150.....	116463	570.529.093.....	114526
505.583.120.....	115429	550.551.102.....	116084	555.568.150.....	114834	570.537.093.....	114526
505.584.120.....	114706	550.553.132.....	115339	555.569.120.....	114146	570.538.123.....	113927
505.586.150.....	116649	550.563.123.....	114003	555.569.150.....	115984	570.548.103.....	114074
505.594.150.....	116573	550.566.092.....	115962	555.570.220.....	116101	570.559.113.....	115686
505.595.120.....	115578	550.567.082.....	114487	555.573.090.....	115746	570.560.093.....	115685
505.599.180.....	116523	550.569.132.....	114850	555.578.150.....	116185	570.562.123.....	115728
505.906.150.....	116591	550.570.093.....	110525	555.580.220.....	115912	570.564.114.....	115698
505.916.120.....	115608	550.573.102.....	115825	555.581.120.....	116099	570.565.123.....	115829
505.929.105.....	115852	550.578.132.....	115607	555.584.120.....	115810	570.566.123.....	115640
505.940.120.....	115667	550.578.152.....	115607	555.585.180.....	114666	570.567.103.....	115357
506.004.120.....	112302	550.579.132.....	115589	555.592.180.....	116304	570.567.114.....	115629
506.008.030.....	112097	550.583.102.....	116083	555.598.180.....	114042	570.568.104.....	115629
506.501.100.....	115871	550.585.132.....	116555	555.598.180.....	116113	570.568.114.....	115629
506.504.090.....	115602	550.586.102.....	115771	555.599.180.....	115924	570.571.123.....	115624
506.509.120.....	115799	550.589.120.....	115829	555.902.180.....	115437	570.574.113.....	112295
510.003.112.....	114181	550.589.123.....	115829	555.909.150.....	115988	570.576.123.....	116367
510.503.092.....	113181	550.590.122.....	114305	555.912.150.....	116171	570.577.083.....	115842

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
570.579.102.....	114074	590.564.103.....	116159	630.519.103.....	114449	641.510.102.....	114282
570.580.122.....	116375	590.565.122.....	115986	630.520.103.....	111041	641.511.103.....	114710
570.581.133.....	116277	590.566.122.....	116065	630.522.102.....	111755	641.516.103.....	112498
570.582.104.....	114737	590.570.123.....	113703	630.525.102.....	115314	641.517.103.....	114693
570.584.093.....	116262	590.571.113.....	115769	630.526.092.....	113596	641.520.103.....	114695
570.585.093.....	112218	590.571.122.....	115732	630.528.092.....	114674	641.521.103.....	114326
570.586.083.....	113932	590.574.122.....	115732	630.529.092.....	114486	641.523.123.....	113827
570.587.123.....	116278	590.576.113.....	116316	630.537.102.....	113478	641.527.103.....	111760
570.589.113.....	113481	590.577.112.....	115555	630.538.102.....	116379	641.528.103.....	111760
570.594.122.....	116367	590.579.133.....	116421	630.547.092.....	116149	641.534.123.....	113827
571.007.103.....	113466	590.580.122.....	116645	630.549.102.....	114678	641.536.123.....	113827
571.517.123.....	113673	590.584.103.....	116049	630.550.092.....	115817	641.536.123.....	114013
571.519.123.....	113676	590.590.133.....	116268	631.505.103.....	114824	641.536.123.....	115447
571.519.123.....	115883	590.598.112.....	113906	631.507.103.....	114712	641.536.133.....	110999
571.520.123.....	113673	590.599.122.....	116516	631.507.113.....	114712	641.542.123.....	115447
571.522.113.....	113672	590.902.122.....	113959	631.513.113.....	114222	641.544.103.....	114278
571.522.113.....	115881	590.902.122.....	115510	635.005.055.....	113543	645.011.095.....	115680
571.523.103.....	113466	590.906.122.....	116247	635.005.075.....	111888	645.019.115.....	112993
571.524.113.....	113672	590.922.102.....	114075	635.006.112.....	112062	645.025.090.....	110937
571.524.113.....	115881	590.933.093.....	113303	635.006.112.....	116453	645.031.105.....	115520
575.045.050.....	116545	595.001.050.....	111289	635.008.095.....	113552	645.047.220.....	113898
575.509.150.....	115857	595.001.060.....	110462	635.008.120.....	113552	645.048.061.....	110075
575.517.120.....	115317	595.001.060.....	116137	635.009.078.....	110508	645.052.051.....	111232
575.517.135.....	113993	595.023.070.....	111176	635.011.075.....	114868	645.503.055.....	114218
575.576.110.....	112059	595.033.090.....	112112	635.014.070.....	110976	645.506.090.....	114902
575.592.110.....	115411	595.034.070.....	113713	635.015.120.....	115605	645.507.055.....	115831
575.594.110.....	115655	595.036.065.....	112768	635.019.095.....	112773	645.508.120.....	114403
575.595.075.....	111937	595.045.055.....	111356	635.020.150.....	112996	645.509.100.....	114536
575.904.150.....	115704	595.047.065.....	113574	635.504.200.....	114192	645.509.130.....	114536
575.908.110.....	115653	595.514.095.....	112151	635.504.200.....	116551	645.509.145.....	114536
575.911.150.....	116184	595.515.150.....	116441	635.505.060.....	115462	645.509.160.....	114536
575.913.120.....	116066	595.530.150.....	116364	635.509.090.....	114191	645.511.060.....	114097
575.922.120.....	116182	595.534.120.....	115789	635.511.150.....	113975	645.513.080.....	114770
575.924.120.....	115921	595.556.150.....	115417	635.512.200.....	113707	645.516.095.....	115680
575.926.090.....	114879	595.557.150.....	115750	635.512.200.....	116623	645.522.095.....	111843
575.933.150.....	115356	595.559.100.....	112021	635.513.090.....	114681	645.522.105.....	111843
575.934.110.....	112457	595.560.150.....	114805	635.514.020.....	115463	645.524.150.....	112425
575.937.185.....	114826	595.560.150.....	116296	635.515.150.....	113899	646.001.060.....	112261
575.937.185.....	116324	595.561.120.....	114866	635.520.200.....	114211	646.001.110.....	112294
575.938.150.....	116178	595.562.150.....	114898	635.526.055.....	115320	646.003.050.....	112160
575.940.150.....	115431	595.564.150.....	113958	635.528.150.....	113899	646.007.100.....	110175
575.940.150.....	116355	595.567.150.....	115847	635.529.150.....	113949	646.014.050.....	115995
575.943.110.....	112457	595.573.120.....	114757	635.530.200.....	115545	646.023.095.....	115794
575.946.090.....	116095	595.579.180.....	116595	635.533.150.....	113949	646.024.065.....	114813
575.947.120.....	115903	595.580.080.....	115659	635.534.150.....	114825	646.024.095.....	115385
575.948.120.....	116240	595.584.120.....	115459	640.018.103.....	112255	646.033.065.....	112493
575.949.090.....	116174	595.584.150.....	114724	640.019.103.....	111049	646.034.050.....	116164
575.950.090.....	116175	595.585.120.....	114883	640.020.103.....	113172	646.036.150.....	114347
575.952.090.....	116299	595.587.150.....	113849	640.024.103.....	111224	646.038.075.....	114864
575.954.090.....	116095	595.587.150.....	116294	640.026.103.....	111224	646.040.140.....	115387
575.958.150.....	116297	595.588.070.....	114129	640.041.113.....	112089	646.042.040.....	110952
575.960.120.....	116240	595.588.090.....	115762	640.042.113.....	112089	646.047.075.....	110173
575.962.120.....	116363	595.591.150.....	115576	640.046.123.....	112089	646.048.100.....	110175
575.974.125.....	116240	595.592.120.....	115959	640.052.103.....	110569	646.051.075.....	112160
575.985.090.....	116175	595.595.150.....	115576	640.054.103.....	111224	646.052.050.....	112261
576.007.060.....	111331	595.597.150.....	115456	640.517.093.....	110962	646.053.050.....	111261
576.008.055.....	110577	595.598.150.....	115933	640.518.102.....	115352	646.062.070.....	110801
576.501.080.....	114809	595.901.110.....	116546	640.519.092.....	111683	646.503.090.....	114296
576.503.090.....	114508	595.907.225.....	116382	640.521.103.....	115323	646.504.120.....	116519
576.505.110.....	114880	595.909.100.....	112021	640.525.112.....	114870	650.013.123.....	112243
576.506.040.....	115454	595.928.090.....	112142	640.527.123.....	115326	650.017.103.....	110818
576.509.110.....	115481	595.945.150.....	116393	640.533.102.....	116446	650.501.103.....	110565
576.509.120.....	115481	595.948.110.....	116546	640.535.103.....	110941	650.502.103.....	115721
576.510.130.....	114846	601.003.103.....	112670	640.536.102.....	116536	650.503.103.....	110819
576.511.060.....	115832	601.201.133.....	111003	640.537.103.....	114309	650.504.103.....	110565
576.511.100.....	115832	610.502.112.....	110530	640.538.103.....	111224	650.505.103.....	114387
576.512.110.....	114407	610.503.112.....	110530	640.539.103.....	110590	650.505.103.....	116307
576.516.080.....	114212	621.502.113.....	111000	640.544.102.....	114738	650.506.132.....	114860
576.516.080.....	115488	630.009.103.....	112442	640.548.102.....	113172	650.508.103.....	115722
580.502.092.....	116596	630.010.103.....	113429	640.553.102.....	116071	655.001.070.....	111355
581.201.093.....	110210	630.015.103.....	111224	641.001.123.....	113695	655.501.085.....	114840
581.501.093.....	110520	630.018.103.....	111224	641.027.123.....	111224	655.504.120.....	114671
585.501.200.....	115682	630.019.103.....	111224	641.034.123.....	112243	680.002.103.....	110817
585.503.150.....	114228	630.021.092.....	113141	641.036.123.....	112243	680.504.093.....	112390
586.004.055.....	116018	630.022.103.....	111041	641.039.113.....	112089	685.501.120.....	113529
590.519.015.....	112235	630.508.113.....	115572	641.042.123.....	115347	686.001.055.....	116475
590.555.103.....	115391	630.511.112.....	116379	641.047.113.....	114330	690.010.092.....	116695
590.557.103.....	111906	630.517.112.....	114275	641.051.113.....	114330	690.502.092.....	115697
590.558.103.....	115405	630.517.113.....	114275	641.505.112.....	114280	690.507.112.....	115329
590.563.093.....	113962	630.518.092.....	112546	641.506.103.....	114326	690.509.092.....	110447
590.564.103.....	113905	630.518.102.....	112546	641.508.133.....	115821	690.511.092.....	113307

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PSH Continued							
690.526.092.....	114333	705.509.095.....	114772	815.506.100.....	112557	835.058.065.....	110505
690.531.082.....	114485	705.509.095.....	116456	815.512.140.....	114312	835.061.105.....	111711
690.531.092.....	114485	705.512.095.....	114081	815.516.172.....	115753	835.508.075.....	111193
690.532.082.....	115322	705.514.050.....	115970	815.516.180.....	115753	835.513.105.....	112344
690.534.092.....	115423	705.515.120.....	114896	815.518.160.....	115708	835.516.132.....	113607
690.535.113.....	111001	705.516.095.....	114772	815.518.160.....	116352	835.519.150.....	114663
690.537.122.....	111300	705.516.095.....	116456	815.519.150.....	115606	835.520.150.....	114663
690.538.092.....	113893	706.006.055.....	111295	815.521.140.....	114312	835.523.090.....	113600
690.539.092.....	111197	706.009.050.....	116023	815.524.115.....	113971	835.527.180.....	114832
690.541.092.....	115378	706.501.055.....	114714	815.525.180.....	115753	835.537.100.....	116020
690.544.112.....	110940	706.504.070.....	116317	815.526.075.....	114664	835.542.150.....	115527
690.546.092.....	110447	715.007.065.....	111686	815.529.150.....	115700	835.548.136.....	115935
690.548.092.....	114053	715.502.070.....	113429	815.532.180.....	115412	835.565.110.....	114405
690.549.092.....	111021	720.502.132.....	110075	815.533.150.....	114724	835.572.100.....	116020
690.551.112.....	113205	730.001.112.....	115472	815.535.150.....	115521	835.573.115.....	115925
690.552.112.....	110940	730.008.112.....	110536	815.536.150.....	115908	835.584.210.....	115701
690.553.092.....	115816	730.008.112.....	116086	815.538.150.....	115606	835.585.130.....	114727
690.554.092.....	114167	730.009.112.....	112173	815.549.115.....	113971	835.599.080.....	115353
690.555.112.....	115595	730.507.112.....	112173	815.552.115.....	113971	835.701.100.....	116499
690.562.092.....	111299	730.507.112.....	115472	816.004.055.....	111631	835.906.160.....	115934
695.002.035.....	111195	730.511.112.....	115472	816.004.060.....	111631	835.910.160.....	116659
695.008.033.....	111662	731.005.112.....	114398	816.009.060.....	111631	835.915.160.....	116037
695.506.010.....	114516	731.502.112.....	114398	816.020.175.....	110176	835.916.120.....	114511
695.506.014.....	114516	745.501.175.....	115343	816.025.040.....	111510	835.919.140.....	115761
695.509.040.....	113921	755.005.065.....	111353	816.027.045.....	110052	835.921.130.....	115679
695.510.045.....	116109	755.007.033.....	110641	816.501.100.....	114212	835.921.150.....	115679
695.511.030.....	113921	760.501.092.....	111001	816.502.080.....	116310	835.922.220.....	115749
695.511.040.....	113921	780.002.092.....	116461	816.503.080.....	114212	835.933.180.....	116669
695.512.060.....	116313	780.501.092.....	111304	816.504.110.....	115824	835.944.160.....	116715
695.514.040.....	113742	785.001.033.....	113469	816.504.110.....	116674	835.947.105.....	112665
695.516.050.....	114219	790.501.093.....	110640	816.504.120.....	115824	835.952.140.....	116715
695.517.050.....	114263	800.004.103.....	114254	816.504.120.....	116674	835.979.160.....	116662
695.518.045.....	110374	800.004.103.....	116134	816.506.100.....	114303	835.986.130.....	115410
695.519.020.....	116548	800.502.113.....	110545	816.507.080.....	114843	836.001.045.....	115690
695.522.045.....	114751	800.504.113.....	113901	816.508.150.....	116098	840.506.092.....	116474
695.524.090.....	114256	801.501.113.....	114266	816.508.150.....	116433	845.502.120.....	116492
695.526.080.....	116574	801.502.113.....	113484	816.510.110.....	114880	845.503.120.....	115788
695.536.040.....	114205	805.507.150.....	113949	816.516.150.....	116692	845.504.120.....	115787
695.543.020.....	114657	806.501.060.....	115851	816.521.120.....	114078	845.505.150.....	116056
700.012.102.....	114748	810.015.112.....	113705	816.527.080.....	114212	845.507.120.....	115748
700.017.133.....	114730	810.020.113.....	111047	816.527.080.....	115488	845.512.150.....	115720
700.020.103.....	114717	810.021.093.....	111047	816.528.080.....	114212	855.003.055.....	110348
700.023.103.....	110460	810.101.093.....	110538	816.528.080.....	115488	855.501.080.....	112191
700.028.103.....	110615	810.510.092.....	112434	816.529.090.....	115577	880.001.092.....	112232
700.501.092.....	112534	810.528.214.....	116443	816.532.120.....	114212	900.505.132.....	113995
700.506.103.....	112277	810.529.103.....	114746	816.532.120.....	115488	901.004.093.....	111399
700.516.103.....	111793	810.531.122.....	115588	825.001.095.....	112556	901.009.113.....	112055
700.517.103.....	110615	810.532.113.....	114818	825.001.095.....	116454	901.018.113.....	113468
700.518.103.....	110443	810.534.123.....	110436	830.002.092.....	112897	901.020.113.....	112581
700.523.103.....	115389	810.535.113.....	115769	830.016.092.....	110231	901.501.123.....	114073
700.528.103.....	116136	810.538.112.....	116051	830.019.102.....	112341	901.508.123.....	116378
700.529.103.....	114388	810.538.112.....	116483	830.401.092.....	111492	901.509.113.....	113934
700.531.103.....	114852	810.540.143.....	116088	830.549.113.....	112489	901.513.103.....	113760
700.533.103.....	114852	810.544.113.....	116682	830.559.082.....	116644	901.515.123.....	114073
700.536.103.....	115722	810.549.092.....	111120	830.559.092.....	116644	901.515.123.....	115511
700.538.103.....	110443	810.550.102.....	111120	830.562.103.....	114283	906.007.055.....	116650
700.544.092.....	116537	811.011.112.....	114170	830.568.102.....	114878	906.008.140.....	111842
700.545.132.....	113725	811.101.093.....	110601	830.574.093.....	114274	906.008.140.....	112343
701.316.103.....	111097	811.213.093.....	113850	830.579.103.....	115573	906.504.110.....	114314
701.502.092.....	115325	811.214.113.....	110207	830.593.132.....	111703	906.504.110.....	116514
701.506.103.....	112670	811.516.123.....	114872	830.599.102.....	115420	906.504.112.....	114314
701.507.103.....	114397	811.516.123.....	115875	830.901.082.....	115448	906.504.112.....	116514
701.512.113.....	115776	811.517.123.....	113827	830.902.102.....	111492	906.506.110.....	115617
701.514.103.....	116513	811.518.123.....	115451	830.902.112.....	111492	906.506.110.....	115618
701.520.103.....	114278	811.519.113.....	114047	830.910.112.....	112241	906.506.112.....	114314
705.002.065.....	111289	811.520.123.....	113830	830.916.102.....	116553	906.506.112.....	116514
705.008.100.....	116506	811.520.123.....	115884	830.919.093.....	115571	906.508.110.....	114314
705.008.120.....	116506	811.521.123.....	116374	830.928.102.....	116082	906.508.110.....	116514
705.014.080.....	116114	811.523.123.....	113827	830.937.102.....	116267	906.509.150.....	116675
705.015.065.....	112112	811.524.123.....	115447	830.944.112.....	112905	906.511.080.....	116687
705.016.095.....	115389	811.525.123.....	114872	830.946.102.....	111492	911.010.093.....	110527
705.018.220.....	113898	811.525.123.....	115875	830.968.102.....	111349	911.011.093.....	110527
705.019.080.....	116111	811.529.113.....	114193	830.971.092.....	112900	911.501.113.....	113891
705.029.045.....	111184	811.536.123.....	114310	835.001.065.....	110233	911.501.113.....	115509
705.502.100.....	113529	811.536.123.....	115888	835.026.100.....	112834	911.504.123.....	115439
705.502.120.....	113529	815.019.070.....	110127	835.032.094.....	110471	911.504.123.....	115876
705.503.065.....	113763	815.019.100.....	113631	835.038.055.....	110237	916.012.150.....	115585
705.503.075.....	113763	815.022.065.....	116538	835.040.105.....	111854	916.013.150.....	115586
705.503.100.....	115742	815.027.070.....	114465	835.044.074.....	110724	916.503.100.....	114753
705.504.085.....	114384	815.029.070.....	110127	835.049.100.....	110986	916.506.100.....	114753
705.507.055.....	114759	815.030.070.....	112112	835.054.120.....	112880	916.506.100.....	115498

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
916.506.110.....	114753	995.016.023.....	110581	1100109.....	110233	1100221.....	110233
916.507.100.....	114861	995.507.060.....	116313	1100110.....	110233	1100222.....	110233
916.508.100.....	116119	996.001.075.....	110173	1100111.....	110233	1100225.....	110233
916.509.100.....	114382	195.574.130.050.....	116637	1100113.....	110233	1100226.....	110233
920.501.093.....	115515	205.546.200.500.....	116614	1100115.....	110233	1100227.....	110233
920.502.103.....	112747	455.540.180.050.....	116639	1100116.....	110233	1100228.....	110233
930.504.092.....	111851	690.533.082.130.....	116640	1100117.....	110233	1100229.....	110233
935.501.075.....	112578	830.559.092.130.....	116644	1100118.....	110505	1100230.....	110233
935.502.150.....	116633			1100119.....	110233	1100231.....	110233
940.503.092.....	114332	REAL		1100120.....	110233	1100232.....	110233
940.504.092.....	110568	20401234.....	110206	1100121.....	110233	1100233.....	110233
940.505.092.....	114747	20404077.....	110814	1100122.....	110233	1100234.....	110233
941.507.123.....	110555	20404081.....	110813	1100123.....	110505	1100235.....	110233
941.520.123.....	114396	20404082.....	113381	1100124.....	110233	1100236.....	110233
941.526.112.....	115954			1100125.....	110233	1100237.....	110508
941.530.112.....	110656	REMY (DELCO)		1100127.....	110505	1100238.....	110233
941.530.113.....	110656	00E091.....	112251	1100128.....	110233	1100239.....	110508
941.541.113.....	110138	051.....	111168	1100129.....	110233	1100240.....	110508
941.545.092.....	111212	066.....	111168	1100130.....	110233	1100241.....	110508
941.547.113.....	114166	120.....	111169	1100131.....	110233	1100242.....	110508
941.550.112.....	114436	121.....	111169	1100132.....	110233	1100243.....	110508
941.551.112.....	110656	169.....	111127	1100133.....	110233	1100246.....	110508
941.555.123.....	114164	173.....	111127	1100135.....	110233	1100247.....	110508
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946.020.090.....	115534	214.....	112165	1100137.....	110233	1100250.....	110508
946.024.060.....	115445	215.....	112165	1100138.....	110233	1100251.....	110508
946.027.035.....	112160	220.....	111169	1100139.....	110233	1100252.....	110508
946.028.035.....	112160	225.....	112416	1100140.....	110233	1100254.....	110508
946.030.090.....	115534	244.....	112056	1100141.....	110233	1100255.....	110508
946.503.060.....	116055	273.....	112720	1100142.....	110233	1100256.....	110233
946.505.090.....	115534	384.....	111426	1100143.....	110233	1100257.....	110508
970.009.102.....	112247	409.....	111426	1100144.....	110233	1100259.....	110508
970.026.112.....	111786	454.....	111514	1100146.....	110233	1100260.....	110508
970.503.141.....	115740	455.....	111514	1100147.....	110233	1100263.....	110508
970.507.092.....	112233	456.....	112229	1100148.....	110233	1100264.....	110508
975.001.055.....	111710	619.....	111168	1100149.....	110233	1100265.....	110508
975.001.065.....	111710	621.....	111169	1100150.....	110233	1100266.....	110508
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975.004.065.....	111710	719.....	111168	1100152.....	110233	1100269.....	110508
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975.513.070.....	116150	791.....	112056	1100154.....	110233	1100272.....	110508
976.001.055.....	114414	814.....	111514	1100155.....	110233	1100273.....	110508
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980.002.152.....	113924	824.....	111426	1100157.....	110233	1100275.....	110508
980.509.132.....	110485	847.....	112229	1100158.....	110233	1100276.....	110508
980.510.092.....	112676	848.....	112229	1100159.....	110505	1100280.....	110505
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980.514.092.....	112291	914.....	111514	1100163.....	110233	1100287.....	110508
980.526.092.....	114891	922.....	112720	1100164.....	110233	1100288.....	110508
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980.531.092.....	114253	110002.....	111709	1100168.....	110233	1100292.....	110505
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980.539.152.....	110485	111534.....	111805	1100176.....	110233	1100300.....	110505
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985.503.040.....	110620	112847.....	114885	1100196.....	110233	1100438.....	110505
985.504.080.....	114262	113136.....	113659	1100197.....	110233	1100441.....	110505
985.505.060.....	114209	199903.....	111000	1100198.....	110505	1100444.....	110505
985.510.030.....	113921	219055.....	113457	1100199.....	110233	1100481.....	110233
990.503.092.....	110820	219072.....	112657	1100200.....	110508	1100485.....	110505
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995.001.090.....	116079	219139.....	113350	1100201.....	110505	1100487.....	110233
995.002.037.....	111216	219154.....	115690	1100202.....	110233	1100490.....	110505
995.002.065.....	113716	219170.....	114114	1100203.....	110233	1100491.....	110505
995.002.090.....	113716	219187.....	111846	1100203.....	110505	1100492.....	110505
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995.003.070.....	114084	219235.....	114114	1100204.....	110505	1100494.....	110233
995.004.037.....	110487	219251.....	114114	1100205.....	110508	1100495.....	110505
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995.006.105.....	111761	390049.....	113457	1100208.....	110508	1100498.....	110505
995.009.065.....	113448	1100077.....	110300	1100209.....	110508	1100533.....	110075
995.009.065.....	116585	1100078.....	110591	1100211.....	110300	1100542.....	110233
995.013.120.....	113716	1100093.....	110300	1100217.....	110508	1100543.....	110233
995.014.037.....	110487			1100218.....	110233	1100544.....	110233

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
1100545.....	110233	1100655.....	110075	1100761.....	110075	1100866.....	110075
1100546.....	110233	1100656.....	110075	1100762.....	110075	1100870.....	110075
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1100552.....	110233	1100663.....	110075	1100769.....	110075	1100878.....	110075
1100553.....	110075	1100664.....	110075	1100770.....	110075	1100879.....	110075
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1100557.....	110075	1100668.....	110075	1100772.....	110075	1100881.....	110233
1100558.....	110075	1100669.....	110075	1100774.....	110075	1100882.....	110233
1100559.....	110233	1100670.....	110075	1100775.....	110075	1100883.....	110075
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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9000879	112240	10459189	112824	10461469	111760	10465009	111786
9000884	111786	10459190	112824	10461470	111982	10465013	112341
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9000885	113679	10459192	112824	10461486	111760	10465016	110724
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9000899	112240	10459211	111232	10461756	114330	10465042	111786
9000902	114341	10459217	112834	10461758	114013	10465043	112267
9000910	112241	10459254	112834	10461759	113827	10465044	111041
9000925	112902	10459261	112160	10461759	114013	10465045	111041
9000926	112905	10459306	112160	10461772	116004	10465046	111041
9000934	114341	10459333	112160	10463001	112629	10465047	110604
9000936	114124	10459353	114864	10463001	112640	10465048	110604
9000939	112902	10459367	112996	10463002	110985	10465049	110590
9000952	114124	10459472	112834	10463002	112629	10465050	110590
9000965	114124	10459498	112996	10463002	112640	10465053	112341
9000967	114341	10459510	112996	10463011	110498	10465054	112341
9000981	111123	10459547	112996	10463012	110498	10465058	110602
10436058	110508	10461008	112255	10463013	110499	10465065	111034
10455011	111034	10461021	110436	10463014	110499	10465075	110225
10455013	111034	10461024	111000	10463015	110498	10465081	110231
10455016	111034	10461025	110999	10463016	110499	10465082	110231
10455042	111034	10461030	111000	10463017	110499	10465130	112341
10455050	111034	10461031	110999	10463035	110986	10465143	112897
10455054	111034	10461032	110436	10463036	110986	10465149	112267
10455070	111034	10461033	112089	10463037	110986	10465167	112240
10455300	112897	10461034	110436	10463041	110986	10465168	112341
10455301	110216	10461038	112089	10463045	112629	10465211	112267
10455304	110469	10461039	111224	10463069	112880	10465293	112897
10455305	110216	10461042	112089	10463097	110984	10465295	112268
10455306	110216	10461043	111000	10463099	110985	10465348	110602
10455308	110216	10461045	112089	10463104	112629	10465365	112267
10455332	111190	10461046	110436	10463118	110724	10465384	112900
10455340	110469	10461047	111000	10463148	110985	10465385	112906
10455343	110216	10461050	110436	10463148	112629	10465393	111034
10455355	110469	10461051	110436	10463148	112640	10465399	112267
10455503	111849	10461052	112089	10463158	112629	10465406	111041
10455506	111123	10461053	112089	10463160	110300	10465420	110602
10455513	112546	10461054	111000	10463169	110499	10465440	110485
10455516	112546	10461057	110347	10463181	110985	10465459	112900
10455600	112233	10461067	112089	10463181	112629	10465463	112902

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
10465520	112241	10479962	111220	12567585	114341	19011501	115885
10465527	112905	10479994	112640	12573853	112902	19011504	114003
10465537	113429	10479997	112640	13580078	115761	19011507	114330
10465540	113725	10479998	110499	15226003	113777	19011509	114330
10465542	112900	10480000	111846	15750871	112853	19011511	114013
10465554	112240	10480028	110500	15754097	113777	19011522	114330
10465584	110485	10480036	110499	15768830	112853	19011523	114330
10478803	110436	10480058	110505	18000004	114431	19011524	114013
10478809	110347	10480068	110499	19009950	115520	19020204	115680
10478811	113695	10480069	111711	19010000	110591	19020208	116010
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10478861	111000	10480082	111711	19010002	110591	19020302	112824
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10478884	110347	10480088	110502	19010024	110591	19020307	112160
10478911	110347	10480092	110984	19010100	111232	19020308	112834
10478912	110347	10480093	110984	19010104	112996	19020310	112834
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10478960	113695	10480105	110499	19010116	112996	19020358	112824
10478961	113695	10480111	112888	19010120	112993	19020359	112824
10478962	110436	10480114	110499	19010126	112995	19020364	112824
10478963	112089	10480134	110499	19010127	112995	19020365	112824
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10478997	110436	10480168	111712	19010136	112993	19020379	112834
10478998	111000	10480182	112615	19010137	112993	19020381	112834
10479011	115347	10480198	111712	19010138	111232	19020382	112160
10479052	110436	10480203	112888	19010139	112995	19020383	112160
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10479108	112169	10480222	111426	19010148	112160	19020507	111216
10479111	111000	10480225	112416	19010150	112996	19020600	114172
10479115	110999	10480226	111514	19010153	111232	19020601	113685
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10479175	112243	10480234	112853	19010155	111232	19020608	113692
10479196	112243	10480240	112615	19010156	113432	19020609	113685
10479252	111000	10480251	112665	19010157	112993	19020611	114812
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10479384	111426	10480273	112720	19010161	112993	19020801	112824
10479605	112652	10480307	112615	19010162	112993	19020806	112824
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10479621	112267	10480384	111426	19010168	112995	19023060	113827
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10479623	111760	10480390	112853	19010171	111232	19024001	110409
10479624	112267	10480407	113771	19010172	111232	19024002	116510
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10479647	114710	10490073	111846	19010175	111232	19024010	110206
10479655	111760	10495425	110508	19010176	111232	19024011	110533
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10479805	110682	10495427	110508	19010182	112160	19024013	110207
10479811	110499	10495429	110508	19010185	112160	19024015	110208
10479814	110499	10496871	112897	19010187	112996	19024016	110208
10479850	110508	10496873	110216	19010188	112996	19024018	110582
10479858	110492	10496874	110216	19010189	111232	19024024	110512
10479874	110984	10496882	112267	19010191	112996	19024025	110206
10479883	110984	10496883	112267	19010192	111232	19024026	112507
10479902	110499	10497079	110471	19010193	112160	19024028	111218
10479906	112629	10497083	111713	19010195	112160	19024030	110534
10479909	110499	10497083	112996	19010196	112996	19024035	110535
10479910	110499	10497083	115605	19010199	112160	19024037	110208
10479911	110499	10497111	112880	19010200	112160	19024040	110932
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10479923	111426	10663530	110499	19010509	114330	19024049	110981
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10479925	111713	12301334	111699	19010617	112233	19024052	111046
10479926	111713	12560672	112902	19011189	114864	19024053	110213
10479927	111713	12563863	112905	19011192	112160	19024054	110532
10479929	111713	12563907	112906	19011195	114864	19024063	111219
10479930	111713	12563908	112902	19011208	114864	19024071	110531
10479947	112229	12564107	112241	19011403	116004	19024072	112120
10479955	111514	12564108	112240	19011501	113851	19024075	110205

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
19024076	112119	19024824	116139	19084031	114033	323-871	112089
19024077	110214	19024838	111025	19084036	116376	336-2002	112902
19024078	110212	19024839	110352	19084040	113979	35032VL	110206
19024080	111231	19025037	110611	19084251	113934	8H1913	111000
19024085	112116	19025042	111180	19084252	114073	CER3087	112251
19024099	110208	19025042	116133	19085003	112823	DRX08378	112165
19024101	113850	19025044	112097	19085004	112822	DRX67095	111982
19024106	110981	19025046	110890	89000853	112906	DRX67131	110524
19024109	110206	19025049	110912	92064181	111848	DRX67149	111982
19024179	111771	19025051	111035	93186485	112416	DSR1167L	112365
19024196	113851	19025056	110912	96208781	111123	RS41058	114888
19024196	115885	19025057	112097	96208782	111684	X16478	111127
19024201	110520	19025060	111686	96208785	111848		
19024202	110522	19025063	111180	96224431	111846		
19024204	110524	19025063	116133	96252547	111846	RENAULT	
19024205	110525	19025067	110912	96252551	111846	0000431120	110585
19024223	110525	19025068	111418	96275481	111849	0000434120	110585
19024224	110536	19025068	115873	96289430	113860	867838	111641
19024224	116139	19025069	110923	96380673	114114	5014648	115481
19024225	110524	19025070	111093	96404010	113349	09111249	113134
19024226	110523	19025071	110913	96450663	111848	19081014	115887
19024229	110519	19025074	110112	96499043	114350	21056611	114078
19024230	110529	19025100	112159	96550792	111684	0025841019	113465
19024231	110521	19025101	112076	96566262	111847	0025841022	110512
19024232	110518	19025103	112803	96567255	116302	0025841025	110601
19024233	110527	19025106	111987	96569440	111849	0025841035	113465
19024234	110523	19025107	112159	96843574	114159	25841035	113465
19024235	110536	19025109	113448	65262017074	116626	0025841036	113466
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19024236	110524	19025110	113448	17610-Q1010	111805	0025841044	113466
19024238	110530	19025110	116585	321-1015	110508	0028115085	111231
19024239	110368	19025111	113448	321-1016	112629	0028115088	111231
19024242	110517	19025111	116585	321-1056	112888	0028115089	111231
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19024252	110536	19025113	112561	321-1753	112615	0749520621	112343
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19024253	110522	19025114	111886	321-1798	112850	820053977	115354
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19024258	110524	19025339	112424	321-367	112880	5000041221	113466
19024260	112037	19025347	110544	321-409	110724	5000049122	110210
19024261	111793	19025600	110060	321-431	110984	5000049124	113465
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19024272	110529	19025787	111035	321-479	112629	5000240884	110524
19024273	110521	19025789	111035	321-503	112629	5000241737	110512
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19024294	114397	19070006	112561	321-660	110801	5000383929	112670
19024550	110512	19070006	116654	321-665	110801	5000559254	113466
19024553	110207	19070007	113351	321-667	111713	5000559361	113465
19024555	110208	19070008	113351	321-687	112996	5000589041	111001
19024556	110512	19070009	113351	321-688	113432	5000592182	110512
19024561	110537	19070014	113351	321-697	110591	5000683929	112670
19024562	110537	19070015	113351	321-698	111261	5000725698	110889
19024563	110409	19070016	113351	321-739	112824	5000785288	111231
19024565	111217	19070032	112581	323-1062	112900	5000785698	110163
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19024654	110429	19070058	112561	323-1434	112241	5000786538	110163
19024660	110429	19070058	116654	323-1446	112905	5000789048	110512
19024678	111091	19081009	113851	323-1476	112905	5000790629	111231
19024688	112487	19081014	115593	323-1483	112902	5000791211	113466
19024706	111092	19081019	115556	323-394	111786	5000791383	111231
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19024729	112864	19083029	112498	323-480	112897	5000806878	110210
19024730	112317	19083030	112494	323-488	112897	5000808251	110512
19024731	112318	19083032	112446	323-540	110394	5000811448	110347
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19024743	112317	19084010	111638	323-823	112267	5000822346	110206
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19024815	110551	19084017	113760	323-829	110436	5001000127	110512
19024817	110565	19084020	112055	323-830	110436	5001001391	110524
19024821	110819	19084022	113277	323-842	112255	5001014133	110163
19024824	110536	19084030	113979	323-855	110436	5001014136	111331
						5001014139	110766

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
RENAULT <i>Continued</i>							
5001014142	111331	5010480196	115881	7420849351	114212	7700074533	115343
5001014169	110163	5010480432	114100	7420853850	114212	7700076731	115357
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5001014178	110889	5010480435	113673	7420997664	114323	7700101274	112144
5001014181	110889	5010480572	114809	7420997664	115889	7700101279	112199
5001014184	110163	5010480765	114508	7420997672	114733	7700102000	112818
5001014187	113465	5010480878	112189	7420997672	115894	7700102800	112295
5001014196	111231	5010508379	113676	7421036377	115593	7700103386	112818
5001014203	110512	5010508379	115883	7421036377	115887	7700104209	111719
5001014212	115756	5010508380	113672	7421041876	114078	7700104674	112218
5001014215	110512	5010508380	115881	7421056611	114846	7700105080	111251
5001014221	113466	5010508382	114100	7421164607	114733	7700105119	112218
5001014227	111231	5010508443	113466	7421164607	115894	7700105333	111718
5001014230	113134	5010589136	116015	7421289219	114303	7700105539	112059
5001306801	112189	5010589137	114303	7421289222	116651	7700106209	112295
5001824629	111231	5010589305	114407	7421324077	112189	7700106426	113481
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5001853716	114100	6001040105	112295	7485003033	114323	7700272482	110585
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5001859216	112189	6001548061	112144	7485003131	114032	7700274178	115442
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5001866293	114872	6001549064	115655	7485003362	113466	7700300522	112103
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GNU4563.....	113346	NAD101190.....	111865	YLE500180.....	112468	257592.....	111834
GNU4607.....	113346	NAD101190E.....	111865	YLE500190.....	114491	263356.....	110527
GNU4608.....	113346	NAD101240.....	113662	YLE500200.....	114704	263357.....	110527
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STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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31100-80X51	111475	31400-60B11-AT0	110967	31400-80010	110385	12762730	113352
31100-80X51-000	110421	31400-60B30	110967	31400-80011	110385	12770124	116199
31100-81010	111561	31400-60B30	111279	31400-80E00	110967	12785604	114257
31100-82010	111310	31400-60B31	111279	31400-80E10	114894	12785605	114468
31100-82011	111310	31400-60B40	110967	31400-80G00	111779	12803492	114257
31100-82016	111310	31400-60B40-000	110967	31400-80G01	114215	55352105	114124
31100-82021	110394	31400-60B50	111279	31400-80G1	114215	55352882	114058
31100-82030	111310	31400-60E10	111279	31400-80G10	114215	55353669	115597
31100-82031	111310	31400-60E11	111279	31400-80G10AT0	114215	55353966	114124
31100-820D1	111310	31400-60G10	111779	31400-80J00	114881	55353996	114124
31100-82610	111310	31400-60G10-000	111779	31400-81A00	113322	93167057	113352
31100-82611	111310	31400-60G11	111779	31400-82610	110965	93169259	113904
31100-82612	111310	31400-60G11-000	111779	31400-82611	110965	93177834	115619
31100-82632	111310	31400-60G12	111779	31400-83010	110965	93184916	113674
31100-826A0	111310	31400-60G12-000	111779	31400-83E00	111779	93184917	113674
31100-826A1	111310	31400-60G13	111779	31400-83E00-000	111779	93184922	113674
31100-826D2	111310	31400-60G13-000	111779	31400-83E10	114894	93184923	113674
31100-82C11	110421	31400-65D00	114247	31400-84A00	114207	93184927	110847
31100-83010	110394	31400-65D01	114247	31400-84A01	114207	93184928	110847
31100-83011	110394	31400-65D02	114247	31400-84A10	114533	93184929	110847
31100-83020	110394	31400-65G00	113485	31400-84A11	114533	93184940	113273
31100-83021	110394	31400-65J10	114881	31400-84A12	114533	93184941	113273
31100-83030	116629	31400-65J12	114881	31400-84E00	114245	93184948	115907
31100-83031	116629	31400-66002	113322	31400-84E01	114245	93184949	115907
31100-83032	116629	31400-66010	110258				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
SAAB Continued							
93184950	114656	44-9716	113716	27020-24020	110137	27020-54250	111483
93184951	114656	44-9750	110487	27020-24021	110137	27020-54351	111483
93184952	114257	44-9751	110487	27020-24031	110138	27020-54352	111483
93184953	114257	44-9752	110487	27020-24050	110138	27020-54353	111483
TALBOT							
0035752300	110460	44-9753	110488	27020-24060	110138	27020-54354	111483
0055567700	110975	44-9754	110487	27020-24061	110138	27020-54383	111483
0056668200	110975	44-9755	110488	27020-24062	110138	27020-54542	114203
9104009880	111070	45-1263	110820	27020-24063	110138	27020-56110	111613
A04009880	111070	45-1312	110485	27020-24090	110137	27020-56180	111484
A50864480	110587	45-1335	110485	27020-25010	110138	27020-56230	111613
A51788880	111076	45-1671	110820	27020-25021	110138	27020-60070	110138
A51798080	111076	45-1688	112371	27020-26020	110138	27020-68040	111596
TECUMSEH							
33306	112312	45-1706	116079	27020-26021	110138	27020-68130	111596
33605	112312	45-1718	110485	27020-26022	110138	27020-78601-71	110563
33606	112312	45-1993	110820	27020-26031	110138	27020-87102	110137
33835	112313	45-2177	114213	27020-26032	110138	27020-87103	110137
35763	112312	45-2177	114253	27020-26040	110138	27020-87209	110137
36264	112565	45-220	112249	27020-26050	110138	27020-87210	110258
36463	112312	45-2254	111216	27020-26051	110138	27020-87212	110258
36680	112312	45-2258	113716	27020-26080	110138	27020-87214	110258
36795	112565	45-267	112249	27020-26090	110138	27020-87216	110258
36914	112566	45-338	112249	27020-26110	110138	27020-87507	110258
37425	112566	45-5657	111683	27020-26150	110138	27020-87509	110258
35763A	112312	46-237	111043	27020-27011	110258	27020-87701	110138
THERMO KING							
452323	112371	46-2663	112249	27020-29010	110138	27020-87702	110138
8452323	112371	46-304	111043	27020-31010	110138	27020-87705	110137
1E32215G01	111216	46-372	111043	27020-31011	110138	27020-87706	110138
1E51760G01	111216	46-452	111043	27020-31020	110137	27020-96601	110563
1E51762G01	113716	46-462	111043	27020-31030	110137	27030-54130	114288
25-35458-00	110246	46-587	111043	27020-31031	110137	27030-54140	114288
25-35465-00	110246	46-781	111043	27020-31032	110137	27030-54150	114288
27D2786G01	110487	5D33839G01	111216	27020-31033	110137	27030-54160	114288
2D72785G01	110487	5D35740G01	110487	27020-31034	110137	27030-54190	111483
2D72786G01	110487	5D35741G01	110487	27020-31040	110138	27030-54210	114288
2D72786G03	110487	5D35741G02	110487	27020-31041	110138	27030-54241	111483
2D72787G01	110488	5D35741G03	110487	27020-31042	110138	27030-54242	111483
2D72787G02	110488	5D35741G04	110487	27020-31043	110138	27030-54243	111483
3041C58G01	112249	5D35742G01	110488	27020-31050	110137	27030-54244	111483
3185C37G01	110590	5D35742G02	110488	27020-31051	110137	27030-54250	111483
3D97385G01	110487	5D35742G03	110488	27020-31071	110138	27030-54251	111483
3D97386G01	110487	5D37920G01	113716	27020-31080	110138	27030-54252	111483
3D97386G03	110487	5D38603G01	111216	27020-31090	110137	27030-54253	111483
3D97387G01	110488	5D38604G01	113716	27020-31141	110138	27030-54260	111483
3D97387G02	110488	5D44464G01	110487	27020-32011	110138	27030-54261	111483
4116D22G03	110487	5D46047G01	116079	27020-33010	110138	27030-54262	111483
41-2195	110487	5D50461G01	113716	27020-33011	110138	27030-54263	111483
41-5458	111216	TOYOTA		27020-33020	110138	27030-56080	111613
41-6780	111216	00591-33580-81	111495	27020-33021	110138	27030-56090	111613
41-6781	113716	00591-55973-81	111495	27020-33022	110138	27030-56150	111484
41-6782	113716	27020-10940	110563	27020-33030	110138	27030-56220	111613
41-7912	111216	27020-12011	110137	27020-33036	110138	27030-56250	111613
41-7913	113716	27020-12012	110137	27020-33040	110138	27030-56340	111613
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44-4021	110175	27020-13010	110138	27020-34031	110138	27030-68120	111596
44-4731	110590	27020-13013	110138	27020-36021	110138	27040-54030	114203
44-4751	110590	27020-13030	110258	27020-36041	110138	27040-54040	114203
44-5674	111683	27020-13050	110138	27020-36042	110138	27040-54050	114203
44-7154	110487	27020-13060	110138	27020-36043	110138	27040-54060	114203
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44-7156	110488	27020-13080	110138	27020-36061	110138	27040-54100	114203
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44-8091	110487	27020-18011	110138	27020-38011	110138	27040-54190	111605
44-8901	110487	27020-21010	110138	27020-38012	110137	27040-54191	111605
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44-8903	110487	27020-22010	110137	27020-38120	110138	27040-54220	111605
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44-8939	110487	27020-22012	110137	27020-40060	110138	27040-54231	111605
44-8940	110488	27020-22020	110137	27020-40061	110138	27040-54240	111605
44-8950	111216	27020-22021	110137	27020-40062	110138	27040-54270	114203
44-9571	111216	27020-22022	110137	27020-41032	110138	27040-54271	114203
44-9572	113716	27020-23011	110137	27020-41033	110138	27040-54280	111963
		27020-23012	110137	27020-41034	110138	27040-54300	111963
		27020-23020	110137	27020-44030	110138	27040-54310	111963
		27020-23021	111195	27020-44042	110138	27040-54320	111601
		27020-23022	110137	27020-54150	114203	27040-54340	111601
		27020-24010	110137	27020-54160	114288	27040-54350	111960
				27020-54180	114203	27040-54370	111963
				27020-54210	114288	27040-54380	111963

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
27040-54410	111963	27060-0R080	114410	27060-21041	115660	27060-43111	111428
27040-54440	111963	27060-0T020	115863	27060-21050	115660	27060-43120	111428
27040-54450	111963	27060-0T021	115863	27060-21140	115791	27060-46270	116444
27040-54500	111963	27060-0T050	114694	27060-22010	113296	27060-47050	114897
27040-54580	111963	27060-0T051	114694	27060-22020	114361	27060-50250	114433
27040-64010	114203	27060-0T081	116637	27060-22030	114361	27060-50260	114433
27060-007NL	113296	27060-0T180	114694	27060-22040	114361	27060-50300	111605
27060-02020	110682	27060-0T181	114694	27060-22060	114158	27060-54070	111605
27060-02040	111579	27060-0Y010	114897	27060-22100	114361	27060-54080	111605
27060-03040	111468	27060-0Y030	114897	27060-22120	114361	27060-54140	111963
27060-03050	111468	27060-10010	110496	27060-22130	114361	27060-54150	111601
27060-03060	111468	27060-10011	110496	27060-22140	114158	27060-54210	111601
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27060-0A100	116140	27060-10050	110628	27060-22180	114361	27060-55020	111963
27060-0A110	116140	27060-10051	110628	27060-22190	114361	27060-55060	111518
27060-0D020	113296	27060-10060	110496	27060-23010	114231	27060-55070	111518
27060-0D02084	113296	27060-10061	110496	27060-23020	114231	27060-58150	116029
27060-0D030	113296	27060-10070	110628	27060-23030	114231	27060-58230	116029
27060-0D050	114361	27060-10071	110628	27060-23040	114005	27060-58260	114363
27060-0D060	114361	27060-10080	110628	27060-26030	114410	27060-62160	114362
27060-0D110	114361	27060-10090	110496	27060-26051	114490	27060-62190	114362
27060-0D130F	113296	27060-10100	110628	27060-26060	115669	27060-63020	111705
27060-0D140	116332	27060-11000	110628	27060-26081	115669	27060-63021	111705
27060-0D160	113296	27060-11050	110496	27060-27030	114227	27060-63080	111705
27060-0D170	116332	27060-11080	110138	27060-27040	116366	27060-63081	111705
27060-0D190	116332	27060-11120	110496	27060-27060	114010	27060-63082	111705
27060-0D191	116332	27060-11160	110496	27060-27070	114115	27060-63101	111705
27060-0D300	116332	27060-11170	111518	27060-27090	114010	27060-64080	111507
27060-0G011	114390	27060-11250	111678	27060-27100	114115	27060-64100	111507
27060-0G021	114410	27060-11260	111678	27060-28070	114273	27060-64130	111598
27060-0H010	114186	27060-11270	111518	27060-28110	114186	27060-64150	111598
27060-0H070	115416	27060-11280	111518	27060-28120	114186	27060-64170	112363
27060-0H080	115416	27060-11281	111518	27060-28170	114186	27060-64270	112363
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27060-0H200	114246	27060-11340	111518	27060-28330	114246	27060-67020	112063
27060-0H221	115416	27060-15080	111579	27060-28340	116765	27060-67030	112063
27060-0J010	114005	27060-15090	111579	27060-28341	116765	27060-67040	112063
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27060-0J051	114750	27060-15130	111579	27060-30040	114024	27060-70410	111517
27060-0J061	114667	27060-15140	111579	27060-30050	114024	27060-70500	115790
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27060-0L021	114024	27060-16010	110496	27060-30070	116637	27060-72070	111428
27060-0L022	114024	27060-16011	110496	27060-30120	114024	27060-72071	111428
27060-0L030	114024	27060-16012	110496	27060-30130	113969	27060-72090	111428
27060-0L040	114024	27060-16041	111705	27060-30140	116637	27060-72100	111428
27060-0L050B	114024	27060-16050	110496	27060-30150	114024	27060-72101	111428
27060-0L060	114024	27060-16051	110496	27060-30151	114024	27060-72120	111428
27060-0L060C	114024	27060-16060	111705	27060-30154	114024	27060-72121	111428
27060-0L080	114024	27060-16090	110496	27060-30220	116637	27060-73020	113715
27060-0L081	114024	27060-16091	110496	27060-31050	116469	27060-74010	111705
27060-0L090	114024	27060-16100	110682	27060-31051	116469	27060-74020	111705
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27060-0N020	113972	27060-16141	111705	27060-31120	116090	27060-74160	111538
27060-0N021	113972	27060-16151	110496	27060-33010	115660	27060-74170	111538
27060-0N031	113972	27060-16160	110682	27060-33020	114041	27060-74180	112102
27060-0N040	115657	27060-16170	110682	27060-33030	114012	27060-74250	111538
27060-0N090	116504	27060-16230	110682	27060-33040	114206	27060-74270	111705
27060-0N100	116504	27060-16260	110682	27060-33050	113970	27060-74320	111538
27060-0P030	116090	27060-16280	111705	27060-33051	113970	27060-74330	112102
27060-0Q010	114090	27060-16320	111517	27060-33071	113972	27060-74360	111468
27060-0Q011	114090	27060-16350	111517	27060-33072	113972	27060-74370	111517
27060-0Q020	114099	27060-165FL	113296	27060-33100	115657	27060-74380	111517
27060-0Q021	114099	27060-17030	111781	27060-37010	115863	27060-74400	111517
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27060-0Q040	114311	27060-17160	112360	27060-37050	114694	27060-74430	112101
27060-0Q050	114090	27060-17170	112356	27060-37051	114694	27060-74450	111517
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27060-0Q130	114099	27060-17230	115415	27060-40050	114290	27060-74640	111468
27060-0Q150	116581	27060-18010	110496	27060-42030	111705	27060-74670	111468
27060-0Q151	116581	27060-20280	116140	27060-42060	111705	27060-74730	111517
27060-0Q190	116301	27060-21010	115660	27060-43050	111428	27060-74740	111468
27060-0R011	114490	27060-21011	115660	27060-43060	111428	27060-74750	111468
27060-0R040	114490	27060-21020	115791	27060-43061	111428	27060-74830	111468
27060-0R050	114490	27060-21030	115791	27060-43062	111428	27060-75030	112358
27060-0R070	114390	27060-21031	115791	27060-43090	111428	27060-75080	111428
27060-0R071	114390	27060-21040	115660	27060-43110	111428	27060-75100	112357

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
TOYOTA <i>Continued</i>							
27060-75150	112357	28100-0L031	114731	28100-20551-71	110411	28100-34060	110260
27060-75190	112358	28100-0L040	113757	28100-20552	110411	28100-34070	110152
27060-76305	111018	28100-0L041	113757	28100-20552-71	110411	28100-34080	110260
27060-78001	110620	28100-0L042	113757	28100-20553-71	110411	28100-34090	110152
27060-78001-71	110620	28100-0L050	114853	28100-20557	110411	28100-34100	110260
27060-78003-71	110629	28100-0L051	114853	28100-20571	110411	28100-35020	110411
27060-78153	114725	28100-0L052	114853	28100-20572	110411	28100-35030	110260
27060-78153-71	114725	28100-0L070	115594	28100-21020	113314	28100-35040	110411
27060-78154-71	112358	28100-0L072	115594	28100-21021	113314	28100-35060	110411
27060-78156	113989	28100-0L080	113757	28100-21022	113314	28100-35090	113108
27060-78156-71	113989	28100-0L081	115594	28100-21030	113314	28100-35140	110411
27060-78203-71	113989	28100-0L082	115594	28100-21031	113314	28100-36020	110152
27060-78301-71	110564	28100-0M051	113314	28100-21040	114071	28100-36030	110152
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27060-78305-71	111018	28100-0N031	114071	28100-22000	110411	28100-36050	110152
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28100-50061	113171	28100-B8010	115755	5278440MO30SM	112150	SM67432	113591
28100-50062	113171	28100-U2100-71	113108	5666120MO30SM	110510	SM67675	112829
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28100-54032	110708			56666420MO30SM	112831	SMH12A202	110510
28100-54042	110708			5666940MO30SM	112244	SMH12A4	110510
28100-54051	110708	UNIC		5667040MO30SM	112150	SMH12B41	110240
28100-54052	110708	000008814	116510	5667140MO30SM	113017	SMH12B42	110647
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28100-54170	111387	004691200	110517	5705320MO30SM	110647	098208	111231
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28100-54250	110708	004732242	110213	6020940MO30SM	113376	182604	111070
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28100-67070	113938	1053720MO30SM	113854	SM16353	110510	455669	110522
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28100-74270	112367	4820250-MO30SM	110654	SM56664	112831	1195239	114443
28100-74290	112367	4820340MO30SM	110654	SM56666	111012	1195248	112322
28100-75010	111785	5059240MO30SM	110647	SM56669	112244	1195411	116429
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28100-87551	114851	5225040MO30SM	112244	SM56714	112145	1195923	113020
28100-87803	113208			SM56756	112826	1195925	113797

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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2542416A	111720	2542605C	113407	2542771B	113251	2543218C	116187
2542418A	112299	2542608A	116165	2542771D	113251	2543221C	114189
2542420A	112144	2542609A	113871	2542783C	116038	2543221D	114189
2542420B	112144	2542611A	113896	2542783D	116038	2543222A	114385
2542420C	112144	2542611A	116158	2542784A	114408	2543222B	114385
2542427A	113246	2542611B	113896	2542784B	114408	2543222A	116489
2542432B	115307	2542611B	116158	2542784C	114408	2543236A	113881
2542433A	111720	2542613C	113896	2542785A	114189	2543236B	113881
2542441A	113247	2542613C	116158	2542785B	114189	2543237A	112193
2542441C	113247	2542615A	113640	2542793A	113575	2543248A	114102
2542441D	113247	2542619A	113640	2542794A	113246	2543248A	116068
2542458A	116165	2542650A	113887	2542797A	112472	2543264A	115856
2542461A	112002	2542653A	112471	2542797B	112472	2543264B	115856
2542461B	112002	2542653D	112471	2542803A	113246	2543289A	114042
2542461C	112002	2542662B	112468	2542812A	112468	2543289A	116113
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2542466B	112458	2542664B	116048	2542824A	112468	2543296B	116099
2542466C	112458	2542664C	113940	2542826A	112468	2543302A	115659
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2542479A	111720	2542670B	113722	2542841B	116064	2543309C	115860
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2542487A	113575	2542678A	112058	2542851A	115963	2543340A	113248
2542489A	112480	2542680C	113882	2542851B	113722	2543342A	115310
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2542491A	113246	2542684A	112460	2542851C	113722	2543363A	116069
2542494A	114722	2542685B	115976	2542851C	115963	2543366A	114673
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2542496C	113252	2542687A	116172	2542861A	113722	2543378C	116325
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2542497B	113510	2542689C	112229	2542880A	112298	2543387A	113248
2542497C	113510	2542691C	112059	2542884A	113722	2543390A	114720
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2542500A	112461	2542694A	114877	2542884C	113722	2543398A	114322
2542508A	112397	2542694B	114877	2542884C	115963	2543398B	114322
2542508C	112397	2542695A	113992	2542920A	113405	2543400A	114780
2542508D	112397	2542695B	113992	2542922A	113575	2543400A	116354
2542508E	112397	2542695C	113992	2542922B	113575	2543403B	115960
2542508F	112397	2542695D	113992	2542923A	113246	2543403C	115960
2542509C	116337	2542695F	113992	2542924A	113640	2543406A	114876
2542514A	111631	2542695G	113992	2542925A	113755	2543406A	116309
2542515A	112413	2542696C	113874	2542926A	115531	2543413A	115976
2542523C	113248	2542704A	113755	2542927A	115531	2543417A	116490
2542523F	113248	2542705A	113948	2542928A	113946	2543417B	116490
2542524A	113251	2542708A	113950	2542938A	113946	2543424A	116488
2542525A	113404	2542708B	113950	2542945B	113940	2543424C	116488
2542538A	113407	2542720D	114524	2542945B	116048	2543426A	114883
2542538C	113407	2542720D	116295	2542948A	112079	2543427A	114866
2542540C	113403	2542720J	114524	2542949A	112002	2543428A	114724
2542540D	113403	2542720J	116295	2542952B	114130	2543436B	116189
2542545A	113879	2542722A	113245	2542952B	116069	2543436C	116189
2542546B	113751	2542722B	113245	2542954C	114699	2543439B	115411
2542548A	112144	2542722C	113245	2542955A	115418	2543441A	113248
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2542554D	113919	2542736A	115543	2542955E	115418	2543457A	114859
2542556A	112460	2542738B	116337	2542956A	114406	2543461B	114292
2542557A	113755	2542739A	114722	2542966B	114509	2543467A	116487
2542564A	112461	2542739B	114722	2542966D	114509	2543469A	115653
2542565A	114128	2542746A	113253	2542966E	114509	2543476A	115369
2542565B	114128	2542746B	113253	2542966F	114509	2543477A	113722
2542572A	113302	2542746E	113253	2542966G	114509	2543477A	115963
2542577C	113253	2542747A	113253	2542969C	114042	2543479A	114451
2542578C	113253	2542747B	113253	2542969C	116113	2543480A	113720
2542582A	113877	2542747F	113253	2542989A	114042	2543480A	116064
2542582A	116322	2542749A	114781	2542989A	116113	2543484A	113721
2542582B	113877	2542749B	114781	2543205A	114039	2543484A	116330
2542582B	116322	2542749C	114781	2543206C	114882	2543488A	114293
2542587B	113510	2542753A	113871	2543206D	114882	2543488B	114293
2542602A	113407	2542753B	113871	2543210A	113946	2543492A	112460

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO Continued							
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2543498B	114102	2608240A	116515	2624310A	115364	A0002621365	116191
2543498B	116068	2608426A	115713	2624310B	115364	A0002655023	113657
2543509A	116368	2608426A	116319	2627732A	116363	A0002655103	113863
2543509B	116368	2608427A	115528	2650768A	116392	A000265516	113652
2543509C	116368	2608430A	116207	2650799A	114847	A0002655221	113317
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2543517C	116138	2608669C	116348	2715270A	116386	A0002655301	114664
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2543521A	113405	2608893A	115384	2715992A	116193	A0002655516	113652
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2543526A	113640	2608901C	116452	2940303A	111288	A000A003	110659
2543538A	114082	2608993A	114042	2940304A	112149	A000B015	110699
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2543552A	115310	2610240A	116189	2EA0436A	110959	A000B0341	113633
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2543562A	113940	2611257A	115767	310031X	110367	A11M4	110743
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2543569A	115730	2611843A	115437	310146G	110585	A11V102	112648
2543569B	115730	2612243A	115988	310213V	110587	A11V104	111722
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2543570Q	114130	2612673B	114724	534054M	110584	A11V110	113403
2543576A	116069	2612685B	116393	75653A	110367	A11V111	113577
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2605647D	114879	2616019A	115587	9AR2621	110911	A11V188	111718
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2605853A	116181	2617194A	116043	9AR2699	110178	A11V192	111722
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2606272A	114721	2617854A	116036	9AR2699	110968	A11V198	113577
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2606293A	115418	2617864A	116319	9AR2699	111185	A12R56	110743
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2607395A	113862	2622129A	115694	A0002609674	116191	A13N140	110163
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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A13N151	112162	A13VI102	111318	A13VI283	113246	A14VI19	111720
A13N157	112756	A13VI114	111820	A13VI284	115833	A14VI20	111720
A13N158	111325	A13VI118	112557	A13VI285	112458	A14VI22	112193
A13N161	112769	A13VI119	111873	A13VI286	112413	A14VI27	112460
A13N163	113500	A13VI121	111477	A13VI288	113404	A14VI28	112462
A13N164	113500	A13VI123	111479	A13VI289	112458	A14VI29	112468
A13N165	112183	A13VI124	111477	A13VI292	111719	A14VI30	112772
A13N166	110906	A13VI126	111676	A13VI300	112059	A14VI31	112772
A13N167	112162	A13VI13	111319	A13VI31	114026	A14VI34	113407
A13N175	111841	A13VI130	111947	A13VI40	111479	A14VI35	112461
A13N177	112162	A13VI134	112529	A13VI41	111477	A14VI36	113510
A13N178	111321	A13VI134	116129	A13VI46	112782	A14VI37	114684
A13N181	111076	A13VI135	111369	A13VI49	112230	A14VI40	113755
A13N182	112162	A13VI138	111478	A13VI54	112687	A14VI41	112461
A13N183	112162	A13VI142	112467	A13VI57	112679	A14VI42	112460
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A13N190	114077	A13VI152	112557	A13VI71	112299	A14VI46	113407
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A13N2	111397	A13VI156	111478	A13VI73	111498	A14VI48	113640
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A13N214	111168	A13VI167	112679	A13VI76	111788	A14VI53	112468
A13N215	111841	A13VI169	111369	A13VI78	111946	A608430A	116207
A13N218	111076	A13VI170	111369	A13VI81	112298	AB111033	111406
A13N219	112162	A13VI175	112529	A13VI83	112782	AB111057	111406
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A13N232	111321	A13VI18	112800	A13VI95	113485	AB175015	110659
A13N234	111397	A13VI182	112079	A13VI96	112782	AB175019	111309
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A13N255	112183	A13VI197	112529	A14N100	113477	AB180128	111309
A13N257	114077	A13VI197	116129	A14N100M	113477	AB180140	113656
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A13N260	114084	A13VI202	111943	A14N118M	111658	AB190072	110804
A13N269	111803	A13VI203	113603	A14N119M	113477	AB190119	110804
A13N270	110052	A13VI204	112480	A14N137M	113477	AB190147	113657
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A13N271	116360	A13VI210	112679	A14N141M	111658	AB1950133	113652
A13N272	114077	A13VI220	111369	A14N144	110889	AB195116	113652
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A13N277	116545	A13VI223	112274	A14N182	111987	AB195133	113652
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A13N293	111075	A13VI242	112469	A14N189	111987	AC165617	111710
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A13N43	111075	A13VI256	113404	A14N207M	111631	AD155326	110706
A13N4T	110163	A13VI257	111943	A14N208M	111631	AD160209	110706
A13N52	111226	A13VI258	112688	A14N28T	111331	AD165206	113343
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A13N80	111153	A13VI263	113604	A14N47M	113477	AD165454	113343
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A13N95	111076	A13VI273	112467	A14N73	111319	AD225412	111344
A13R173	116545	A13VI274	112688	A14N75	111319	AF111225	113331
A13R182	110801	A13VI276	113575	A14N81M	113477	AF111364	112333
A13R192	111153	A13VI277	112469	A14R26	111071	AF111382	113792
A13V02	111093	A13VI278	113404	A14R28	111071	AF111390	113331
A13V05	110923	A13VI279	113404	A14S054	112468	AF111393	113792
A13V07	111093	A13VI280	112298	A14S055	112468	AF175207	113519

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
AF175353	115937	D6G1	115869	D6RA661	111130	D7R26	114460
AF175362	113519	D6G2	116046	D6RA67	112217	D7R27	111070
AF175363	113330	D6G3	110584	D6RA68	111347	D7R28	111851
AF175385	113519	D6G32	113719	D6RA7	111334	D7R3	111029
AF175476	113330	D6G32	115869	D6RA70	115354	D7R32	111070
AF185452	112334	D6G321	113719	D6RA73	111251	D7R33	111694
AF190216	113519	D6G321	115869	D6RA75	111335	D7R34	112475
AF190217	113519	D6G33	113843	D6RA76	111508	D7R35	112295
APR140AA	110694	D6G332	113843	D6RA78	111307	D7R36	111768
APR155BA	110706	D6G5	111931	D6RA8	111130	D7R4	114460
APR165AA	110806	D6GS11	114163	D6RA80	112217	D7R41	113134
APR225AA	111344	D6GS12	114034	D6RA83	111931	D7R42	111619
AR150BA	110959	D6GS12M	114034	D6RA91	115554	D7R43	111851
AR150CA	110540	D6GS13	114176	D6RA92	111848	D7R44	112474
AR150DA	110540	D6GS13M	114176	D6RA93	111123	D7R45	111029
AR150AA	110959	D6GS14	113773	D6RAP229	111931	D7R46	111851
CG20U015	116142	D6GS14M	113773	D6RAP404	115354	D7R47	112474
CG20U029	116365	D6GS19	115947	D7E1	111641	D7R48	112474
D10E85	112295	D6RA10	110584	D7E15	115442	D7R49	112474
D10E92	112295	D6RA100	110584	D7E16	110584	D7R5	112295
D10E921	112295	D6RA101	113481	D7E18	111931	D7R51	115403
D10E922	112295	D6RA104	113481	D7E19	112218	D7R53	112475
D11E104	113465	D6RA105	113929	D7E2	110584	D7R56	112475
D11E118	113269	D6RA107	115354	D7E20	115442	D7R57	112053
D11E119	113465	D6RA109	111130	D7E22	112218	D7R61	111996
D11E119T	113465	D6RA11	111404	D7E23	110584	D7R64	112290
D11E120	111332	D6RA110	113254	D7E25	110584	D7R70	112251
D11E122	113466	D6RA112	112295	D7E26	112218	D7R71	113959
D11E122T	113466	D6RA115	113929	D7E27	113932	D7R8	111070
D11E131	111332	D6RA13	110394	D7E29	115522	D7RP123	112440
D11E137	110565	D6RA132	111123	D7E30	114199	D7RP204	112475
D11E141	110439	D6RA133	111251	D7E31	113267	D7RS1	111442
D11E146	113269	D6RA137	114035	D7E32	114199	D7RS129	112286
D11E149	112651	D6RA138	114035	D7E38	111931	D7RS130	116440
D11E149	116690	D6RA15	111334	D7E39	114095	D7RS131	113387
D11E153	113269	D6RA16	111130	D7E4	111931	D7RS150	112429
D11E154	110565	D6RA161	111130	D7E40	114199	D7RS29	112286
D11E155	110439	D6RA162	111123	D7E41	113267	D7RS30	111900
D11E158	111332	D6RA163	111123	D7E42	114199	D7RS301	111900
D11E15H	110565	D6RA167	112217	D7E47	113932	D7RS31	113387
D11E167	111047	D6RA168	111347	D7E5	110584	D7RS50	112429
D11E167T	111047	D6RA17	114719	D7E52	113962	D7RS7	111442
D11E172	112541	D6RA18	111130	D7E6	112218	D7RSA10	112214
D11E272	112541	D6RA187	114035	D7E7	111994	D7RSA11	112214
D11E35	110818	D6RA188	114035	D7E71	111994	D7RSA2	111442
D11E59	110818	D6RA19	113307	D7E8	111931	D7RSA4	112214
D11E73	110818	D6RA20	110584	D7EP12	111123	D7RSA5	112214
D11E75	114265	D6RA21	113974	D7ES1	111909	D7RSA7	111442
D11E84	110439	D6RA210	113974	D7ES5	111909	D8E111	110856
D11E93	113269	D6RA22	111015	D7G11	112475	D8E116	111100
D11E99	113466	D6RA23	110587	D7G14	111768	D8E121	110367
D13E101	110205	D6RA249	111123	D7G15	115420	D8E130	110856
D13E101TE	110205	D6RA29	113307	D7G18	114878	D8E131	110856
D13E107	111231	D6RA293	111123	D7G20	111768	D8E148	111100
D13E107TE	111231	D6RA30	110365	D7G22	114878	D8E152	110367
D13E110	111231	D6RA32	111123	D7G26	114030	D8E158	110363
D13E110TE	111231	D6RA33	111251	D7G3	113933	D8E21	110367
D13E111	111231	D6RA34	113307	D7G4	114127	D8E41	110367
D13E111TE	111231	D6RA37	110584	D7G4	116160	D8E54	110856
D13E117	111231	D6RA38	111130	D7G6	116505	D8E60	110367
D13E117TE	111231	D6RA39	111025	D7GP21	116505	D8E64	110367
D13E118	111231	D6RA40	111404	D7GS10	113841	D8E66	110367
D13E118TE	111231	D6RA42	110856	D7GS17	115744	D8E70	110856
D13E119TE	111231	D6RA43	111100	D7GS7	115744	D8E74	110856
D13E121TE	111231	D6RA431	111100	D7GS8	113842	D8E75	110367
D13E123	111231	D6RA46	111251	D7GS9	114171	D8E81	110367
D13E1231TE	111231	D6RA48	111127	D7GS9	116338	D8E86	110856
D13E123T	111231	D6RA5	110584	D7R1	111029	D8E99	111100
D13E123TE	111231	D6RA50	113307	D7R11	111029	D8R1	114161
D13E63	110512	D6RA52	111015	D7R12	111070	D8R27	113926
D13E63T	110512	D6RA54	113307	D7R127	111070	D8R28	114854
D13E69	110512	D6RA55	111335	D7R13	112295	D8R29	113926
D13E69T	110512	D6RA56	111251	D7R14	113478	D9E107	110336
D13E81	110512	D6RA57	110584	D7R15	111029	D9E12	110367
D13E81T	110512	D6RA571	110584	D7R151	111029	D9E136	110865
D13HP601	112224	D6RA572	110584	D7R18	112295	D9E137	110585
D13HP613	114100	D6RA59	111422	D7R19	111851	D9E138	110585
D13HP703	111231	D6RA6	111251	D7R2	114460	D9E140	111059
D13HP705	111231	D6RA61	111251	D7R20	111070	D9E167	110336
D13HP709	114100	D6RA62	111123	D7R24	114460	D9E20	110367
D6G1	113719	D6RA66	111130	D7R25	112295	D9E22	110367

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
D9E237.....	110585	ESW22-11.....	116287	FG20S014.....	116146	M36505.....	110807
D9E238.....	110585	ESW2212.....	116287	FG20S016.....	116146	M36709.....	110706
D9E276.....	110585	ESW2215.....	116287	FG23S010.....	115807	M36710.....	110699
D9E278.....	110866	ESW22-15.....	116287	FG23S011.....	116138	M36873.....	110479
D9E34.....	110367	ESW22E3.....	116265	FG23S022.....	115582	M36881.....	110659
D9E36.....	111066	ESW22E8.....	116287	FG23S031.....	116515	M37156.....	110808
D9E39.....	110585	ESW22E80.....	116287	FG23S032.....	115823	M37208.....	111309
D9E46.....	110866	ESW24E5.....	116088	FG23S043.....	115807	M37454.....	110315
D9E48.....	110587	ESW24E50.....	116088	FG23S054.....	115807	M38382.....	110149
D9E49.....	110587	FG12S031.....	114727	FG23S063.....	115582	M39376.....	110958
D9E50.....	113307	FG12S048.....	115989	FG23S068.....	116388	M39378.....	110958
D9E51.....	111398	FG12S054.....	115989	FG23S072.....	116382	M39419.....	110808
D9E52.....	110585	FG12S065.....	115989	FGN12S065.....	114727	M39589.....	110802
D9E54.....	111066	FG15C189.....	115364	FGN15T072.....	115604	M39590.....	113633
D9E55.....	110866	FG15S034.....	115747	FGN15T072.....	116353	M39646.....	110315
D9E61.....	111066	FG15T030.....	115356	FGN18D057.....	116209	M39882.....	110804
D9E62.....	111066	FG15T036.....	115984	FGN18S012.....	114876	M40185.....	110808
D9E68.....	110866	FG15T044.....	115604	FGN18S012.....	116309	M40237.....	110245
D9E70.....	111063	FG15T044.....	116353	FGN18S052.....	115581	M40472.....	110959
D9E701.....	111063	FG15T050.....	116178	FGN18S052.....	116348	M40473.....	110540
D9E702.....	111063	FG15T052.....	116393	FGN18S056.....	114042	M42373.....	110810
D9E72.....	110585	FG15T056.....	115431	FGN18S056.....	116113	M43005.....	110811
D9E76.....	110585	FG15T056.....	116355	FGN18S077.....	115437	M43006.....	111241
D9E761.....	110585	FG15T057.....	116297	FGN18S095.....	115475	M43007.....	110811
D9E77.....	110585	FG15T072.....	115604	FGN18S100.....	116147	M43195.....	110808
D9E771.....	110585	FG15T072.....	116353	FGN18S128.....	115600	M43196.....	110808
D9E772.....	110585	FG15T074.....	116393	FGN18S130.....	115676	M44684.....	110808
D9E773.....	110585	FG15T079.....	115984	FGN18S135.....	116523	M53436.....	111307
D9E774.....	110585	FG15T092.....	116152	FGN18S141.....	115694	M53486.....	111307
D9E776.....	110585	FG18D057.....	116209	FGN18S144.....	115600	M56290.....	112322
D9E78.....	110866	FG18S011.....	115960	FGN23S032.....	115823	M60062.....	113521
D9E79.....	110866	FG18S012.....	114876	FS10E10.....	115685	M60081.....	113638
D9E85.....	111063	FG18S012.....	116309	FS10E3.....	113932	M60082.....	113521
D9E851.....	111063	FG18S014.....	116488	FS10M3.....	115426	M62957.....	113020
D9E852.....	111063	FG18S016.....	116487	FS60PR006.....	113609	MC107012.....	110479
D9E92.....	110856	FG18S017.....	114859	FS60PR019.....	113934	MC107023.....	110479
D9E93.....	111100	FG18S019.....	114292	FS60PR020.....	114073	MC108024.....	110808
D9EP119.....	110587	FG18S022.....	114082	FS60PR110.....	111231	MC108027.....	110807
D9R112.....	112295	FG18S022.....	116043	FS60PR171.....	112116	MC108029.....	110808
D9R116.....	111047	FG18S023.....	114306	FS60PR172.....	114872	MC108030.....	110807
D9R119.....	111065	FG18S027.....	115475	FS60PR172.....	115875	MC109011.....	110807
D9R121.....	111070	FG18S045.....	115675	HAB190140.....	111405	MC109015.....	114885
D9R141.....	110368	FG18S047.....	116304	HD90S010.....	111720	MC109018.....	110315
D9R144.....	111047	FG18S048.....	114859	HD90S011.....	111720	MC109021.....	110808
D9R149.....	112440	FG18S052.....	115581	HD90S013.....	111720	MC109025.....	110315
D9R237.....	110585	FG18S052.....	116348	HD90S013ZD.....	111720	MC109028.....	110808
D9R84.....	111070	FG18S056.....	114042	HD90S014.....	111720	MC109032.....	110958
D9R90.....	111115	FG18S056.....	116113	HD90S014ZD.....	111720	MC109036.....	110808
D9R91.....	110354	FG18S077.....	115437	HD90S016ZD.....	111720	MC109039.....	110808
D9RP160.....	111065	FG18S078.....	115924	HD90S017ZD.....	111720	MC109046.....	110808
D9RP256.....	112295	FG18S095.....	115475	HD90S019ZD.....	111720	MF250671.....	113676
ESM1811.....	116280	FG18S098.....	114876	HD90S020ZD.....	111720	MG112014.....	110811
ESM18-11.....	116280	FG18S098.....	116309	HK988300.....	111476	MG112022.....	111241
ESM18E7.....	116280	FG18S100.....	116147	HQ808670.....	111565	MG117559.....	110245
ESM18E8.....	116281	FG18S108.....	114082	JM000A15001.....	114821	MG120413.....	110809
ESW1012.....	115629	FG18S108.....	116043	LS12E401.....	116266	MG120445.....	111476
ESW10-12.....	115629	FG18S109.....	114306	M000A0171.....	110807	MG120558.....	116112
ESW1014.....	115629	FG18S128.....	115600	M000A01901.....	110958	MG120559.....	110245
ESW10-14.....	115629	FG18S130.....	115676	M000A0191.....	110958	MG120906.....	110809
ESW10E1.....	116648	FG18S135.....	116523	M000A0240Z.....	110808	MG122202.....	111565
ESW10E40.....	115555	FG18S141.....	115694	M000A0241.....	110808	MG122404.....	110389
ESW10E7.....	115629	FG18S144.....	115600	M000A025.....	110809	MG122423.....	114762
ESW2013.....	115829	FG18T033.....	114109	M000A026.....	110576	MG122433.....	110809
ESW2014.....	115829	FG18T051.....	115713	M000A0271.....	112342	MG232415.....	110576
ESW20-14.....	115829	FG18T051.....	116319	M000A0291.....	113129	MG250302.....	113129
ESW2022.....	116316	FG18T062.....	114697	M000A0301.....	113456	MG255301.....	112342
ESW2027HE.....	116265	FG18T094.....	116147	M04418.....	110806	MN158384.....	113782
ESW20E11.....	116316	FG18T102.....	114697	M04419.....	111344	MP112038.....	110810
ESW20E18.....	116421	FG18T103.....	116195	M04501.....	110576	MP112040.....	110811
ESW20E-18.....	116421	FG18T112.....	115475	M04686.....	110807	MP112041.....	111241
ESW20E26.....	115829	FG18T114.....	116595	M11C40.....	112317	MP112045.....	110810
ESW20ER121.....	115336	FG18T115.....	114697	M24698.....	113129	MP112056.....	111307
ESW20ER123.....	115402	FG18T116.....	114697	M24798.....	113129	MP112056.....	113040
ESW20ER123HE.....	115402	FG18T119.....	115713	M31612.....	110959	N43169.....	110810
ESW20ER20.....	115610	FG18T119.....	116319	M32909.....	110389	NA066.....	113574
ESW20ER20B.....	115610	FG18T120.....	116147	M34377.....	110540	NFG23S072.....	116382
ESW20ER25.....	115539	FG18T122.....	115918	M34466.....	112342	RSM1410.....	116682
ESW20ER25.....	116156	FG18T123.....	116195	M35216.....	114885	RSM14-10.....	116682
ESW20ER25HE.....	115539	FG18T124.....	116195	M35529.....	110694	RSM1411.....	116367
ESW20ER25HE.....	116156	FG18T197.....	116595	M36336.....	110808	RSM14-11.....	116367
ESW2211.....	116287	FG20S011.....	116614	M36370.....	110315	RSW20R10.....	115539

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO Continued							
RSW20R10	116156	SG14B012	113510	SG9B088	111989	TG12C036	116183
RSW20R-10	115539	SG14B013	113510	SG9B107	115549	TG12C037	114883
RSW20R-10	116156	SG14B016	114722	SG9B121	115418	TG12C038	114866
RSW20R13	115402	SG14B017	113871	TA00023301	111710	TG12C052	114847
RSW20R-13	115402	SG14B019	112193	TA000A06101	111344	TG12C055	116392
S0001201952	116260	SG14B020	112193	TA000A07401	111406	TG12C057	115737
S0001250303	114892	SG14B022	114722	TA000A14501	111405	TG12C059	114811
S000H201942	114443	SG15L012	113251	TA000A15101	110659	TG12C059	116311
S000H204960	114443	SG15L026	113251	TA000A17301	113518	TG12C061	114811
S000V1196228	111307	SG15S010	114680	TA000A28801	113656	TG12C061	116311
S635329A	113934	SG15S016	112460	TA000A30601	114114	TG12C062	116066
SG09B063	113575	SG15S017	113755	TA000A33001	112530	TG12C063	115810
SG10B010	112458	SG15S018	112461	TA000A34501	113652	TG12C065	116180
SG10B012	111426	SG15S019	114128	TA000A34801	110802	TG12C066	115478
SG10B019	112458	SG15S021	112460	TA000A35201	111309	TG12C070	116181
SG10B021	112480	SG15S022	112461	TA000A39101	111309	TG12C072	116389
SG10B022	112469	SG15S024	113640	TA000A44301	113517	TG12C077	115921
SG10B023	113246	SG15S025	115369	TA000A48201	113792	TG12C079	115459
SG10B041	111426	SG15S030	112468	TA000A48401	113600	TG12C087	114883
SG10B048	113946	SG15S031	113948	TA000A48402	113600	TG12C090	115587
SG10B067	116677	SG15S032	114680	TA000A52201	111847	TG12C092	116182
SG10B071	113529	SG15S037	114128	TA000A52202	114114	TG12C094	113862
SG10B082	114450	SG7S010	112199	TA000A55401	111515	TG12C094	116325
SG11B010	114781	SG7S012	113403	TA000A55601	113791	TG12C105	116022
SG12B010	113882	SG7S013	112199	TA000A56901	113331	TG12C107	115959
SG12B011	113751	SG7S014	112058	TA000A57301	112333	TG12C110	114757
SG12B012	112397	SG7S015	113405	TA000A57401	113330	TG12C120	114811
SG12B015	112002	SG7S016	113246	TA000A58101	114219	TG12C120	116311
SG12B017	112471	SG7S020	113879	TA000A58201	113343	TG12C122	115459
SG12B018	113283	SG7S021	111990	TA000A58602	113519	TG12C124	115903
SG12B021	113300	SG7S024	112058	TA000A61201	113331	TG12C125	116240
SG12B023	113302	SG7S025	112229	TA000A62401	113792	TG12C127	115459
SG12B024	113835	SG7S028	113577	TA000A64401	113506	TG12C140	115587
SG12B025	113751	SG7S070	113403	TA000B13001	111710	TG12C141	115587
SG12B027	112535	SG7S071	112199	TA000B28101	111710	TG12C143	115583
SG12B029	112193	SG7S074	113577	TA000B33801	110802	TG12C143	116183
SG12B030	113245	SG7S099	115827	TA00B09601	110540	TG12C145	115459
SG12B038	114673	SG8B011	112075	TC15C020	113640	TG12C151	113862
SG12B039	115307	SG8B018	112273	TG10B013	113946	TG12C151	116325
SG12B040	113247	SG8B020	113603	TG10B024	113946	TG12C164	116240
SG12B042	112002	SG8B021	113575	TG11C010	115310	TG12C166	116240
SG12B047	116337	SG8B022	113246	TG11C011	113940	TG12C170	115438
SG12B049	112397	SG8B023	113253	TG11C011	116048	TG12C172	114847
SG12B050	113248	SG8B026	113253	TG11C014	113874	TG12C173	114847
SG12B052	113919	SG8B027	113340	TG11C015	114769	TG12C190	116392
SG12B054	113751	SG9B010	112399	TG11C016	115621	TG12C193	116022
SG12B060	113302	SG9B011	112399	TG11C017	115370	TG12C199	116182
SG12B062	113877	SG9B013	111989	TG11C021	114699	TG12C2013	116182
SG12B062	116322	SG9B015	112079	TG11C022	115310	TG12C241	116363
SG12B065	113871	SG9B017	112396	TG11C027	115766	TG12S101	115384
SG12B068	113245	SG9B018	113887	TG11C034	113940	TG12S111	115667
SG12B071	112471	SG9B024	112274	TG11C034	116048	TG12S220	115384
SG12B072	113245	SG9B027	112399	TG11C035	114699	TG12S221	115667
SG12B074	113882	SG9B029	111873	TG11C036	114406	TG12S247	115667
SG12B075	116337	SG9B033	112144	TG11C040	115419	TG12S272	116240
SG12B080	112472	SG9B035	115549	TG11C041	114882	TG14C011	113992
SG12B081	113919	SG9B037	111967	TG11C049	115310	TG14C012	114884
SG12B087	112197	SG9B038	111943	TG11C055	115411	TG14C015	113992
SG12B089	113862	SG9B039	111943	TG11C056	115653	TG14C016	113992
SG12B090	112002	SG9B040	116165	TG11C059	114406	TG14C020	114322
SG12B092	114039	SG9B042	112396	TG11C060	115411	TG14C022	114780
SG12B095	113248	SG9B043	113575	TG11C061	115310	TG14C022	116354
SG12B096	112471	SG9B047	112144	TG11C062	113940	TG14C023	115730
SG12B097	113245	SG9B048	113253	TG11C062	116048	TG14C025	114722
SG12B098	113919	SG9B049	111989	TG11C063	115766	TG14C026	113992
SG12B103	114673	SG9B050	116165	TG11C064	113940	TG14C027	114884
SG12B105	113862	SG9B054	113950	TG11C064	116048	TG14C028	115528
SG12B105	116325	SG9B055	113887	TG11C065	115419	TG14C031	116452
SG12B107	113245	SG9B057	113253	TG11C066	114882	TG14C034	115730
SG12B108	113248	SG9B059	111989	TG11C067	115707	TG14C036	115529
SG12B109	113919	SG9B063	113575	TG11C068	115653	TG14C039	115767
SG12B110	112471	SG9B064	113246	TG11C069	114882	TG14C041	116386
SG12B116	113248	SG9B065	113575	TG11C074	114699	TG14C042	114780
SG12B122	113245	SG9B066	113575	TG11C076	114827	TG14C042	116354
SG12B123	112471	SG9B067	113246	TG11C086	116207	TG14C043	116359
SG12B124	114039	SG9B068	115418	TG11C116	115707	TG14C049	115916
SG12S051	115438	SG9B069	116587	TG11S136	115695	TG14C050	115730
SG12S055	113503	SG9B077	112298	TG12C015	114757	TG14C051	116359
SG12S077	115438	SG9B078	112079	TG12C026	116099	TG14C057	116036
SG14B010	114722	SG9B079	115418	TG12C033	114495	TG14C059	115767
SG14B011	113252	SG9B087	111989	TG12C036	115583	TG14C068	115730

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
TG14C069	115730	TG17C011	116158	TG9B064	113575	TS12ER20	115611
TG14C071	116193	TG17C015	114524	TG9B065	113246	TS12ER22	115612
TG14C078	114322	TG17C019	116038	TG9B066	113946	TS12ER22M	115612
TG14C094	116193	TG17C020	114408	TG9B068	114848	TS12MR11	114163
TG14C095	116359	TG17C021	114189	TG9C013	115543	TS14-62	113254
TG14C096	116386	TG17C021B	114189	TG9S010	113722	TS14E11	113905
TG14C097	114322	TG17C022	114408	TG9S010	115963	TS14E11	116159
TG14C103	116193	TG17C022	114408	TG9S011	114451	TS14E110	113254
TG14C104	116386	TG17C023	115414	TG9S015	113722	TS14E42	115559
TG15C011	113510	TG17C024	114831	TG9S015	115963	TS14E42	116054
TG15C012	113881	TG17C026	114832	TG9S016	113722	TS18E1	113842
TG15C017	116172	TG17C027	114189	TG9S016	115963	TS18E13	113933
TG15C020	113640	TG17C028	114042	TG9S018	113657	TS18E3	113841
TG15C022	113755	TG17C028	116113	TG9S021	113722	TS18E33	114029
TG15C023	113948	TG17C030	114042	TG9S021	115963	TS18E331	114029
TG15C027	114720	TG17C030	116113	TG9S022	113722	TS18E121	114299
TG15C028	113640	TG17C030B	114042	TG9S022	115963	TS18E123	113841
TG15C034	114130	TG17C030B	116113	TG9S027	114451	TS18ER20	115376
TG15C034	116069	TG17C032	114835	TG9S036	113722	TS18ER22	115634
TG15C038	113881	TG17C034	114385	TG9S036	115963	TS2229	116516
TG15C043	113510	TG17C035	114189	TG9S039	114451	TS22-29	116516
TG15C048	115856	TG17C036	115923	TG9S060	115668	TS2232	114074
TG15C053	113640	TG17C039	116186	TG9S100	116406	TS22-32	114074
TG15C054	113755	TG17C041	114102	TG9S140	113722	TS2234	116247
TG15C056	114130	TG17C041	116068	TG9S140	115963	TS22-34	116247
TG15C056	116069	TG17C044	115414	TM000A0191	110958	TS22E20	115745
TG15C057	114130	TG17C048	113896	TM000A0241	110808	TS22E26	114030
TG15C057	116069	TG17C048	116158	TM000A0301	113456	TS22E28	116247
TG15C058	114509	TG17C054	114831	TM000A03801	110810	TS22E36	115769
TG15C059	115857	TG17C061	114102	TM000A03901	110808	TS22E37	115769
TG15C064	113881	TG17C061	116068	TM000A04001	110811	TS22E45	115948
TG15C065	116172	TG23C011	116187	TM000A04101	111241	TS22E5	114074
TG15C072	115860	TG23C012	116188	TM000A05101	110810	TS22E5B	114074
TG15C073	114720	TG23C013	116489	TM000A05501	110808	TS22E8	114074
TG15C075	116490	TG23C017	115413	TM000A06001	110576	TS22E9	114074
TG15C091	115857	TG23C018	116189	TM000A06101	110809	TS22ER12	116248
TG15C093	114720	TG23C019	115912	TM000A06701	110389	TS22ER13	116248
TG15C095	115631	TG23C033	116189	TM000A06901	110389	TS24E13	115841
TG15C103	114724	TG7S010	113405	TM000A07101	110245	TS24E3	115839
TG15C112	115369	TG7S011	113246	TM000A08401	111307	TS24E30	115839
TG15C115	112460	TG7S012	115659	TM000A08701	113129	TS24E6	115949
TG15C116	112461	TG7S013	113246	TM000A13701	113638	TS8E1	111641
TG15C118	113640	TG7S014	113405	TM000A13901	113521	TS8E2	110584
TG15C119	113755	TG7S015	113246	TM000A14401	113020	TS8E3	114199
TG15C121	114130	TG8C011	114877	TM000A14901	111476	TS8E4	113267
TG15C121	116069	TG8C018	115531	TM000A15701	111851	TS8E5	114199
TG15C123	116184	TG8S010	113721	TM000A18001	114885	TS8E6	114095
TG15C125	115857	TG8S012	116330	TM000A18601	111565	VS358	112340
TG15C130	116185	TG8S012	113720	TM000A19301	111241	VS371	113745
TG15C133	115984	TG8S012	116064	TM000A21901	113141	VS456	112290
TG15C134	115369	TG8S013	113720	TM000A23501	111849		
TG15C135	115364	TG8S013	116064	TM000A23601	113937		
TG15C142	116710	TG8S014	113720	TM000A24301	111786		
TG15C144	115953	TG8S014	116064	TM000A27301	113659		
TG15C152	114724	TG8S016	113720	TM000A27601	110958		
TG15C154	115369	TG8S016	116064	TM000A28901	113727		
TG15C157	115834	TG8S017	111718	TM000A30801	111912		
TG15C169	114724	TG8S019	115531	TM000A31001	112322		
TG15C173	116364	TG8S021	113721	TM000A31201	113796		
TG15C174	114805	TG8S021	116330	TM000A33401	113797		
TG15C174	116296	TG8S022	113720	TM000A34001	114270		
TG15C175	116364	TG8S022	116064	TM000A34101	113445		
TG15C176	114805	TG8S023	113720	TM000A35301	111849		
TG15C176	116296	TG8S023	116064	TM000A36001	111912		
TG15C182	115988	TG8S024	114293	TM000A36101	113445		
TG15C183	114724	TG8S025	111718	TM000A37001	112322		
TG15C186	114724	TG9B024	113575	TM000A37201	113659		
TG15C189	115364	TG9B025	113246	TM000A37301	110958		
TG15C190	115631	TG9B026	113946	TM000A38001	114820		
TG15C194	115364	TG9B028	112469	TM000V23601	113937		
TG15C211	115364	TG9B041	116368	TS10E1	113963		
TG15C234	114724	TG9B042	116368	TS10E11	113963		
TG15S205	115364	TG9B043	113405	TS10E26	114034		
TG15S218	115364	TG9B044	113946	TS10E3	113932		
TG16C010	115919	TG9B045	113575	TS10E4	112218		
TG16C013	115856	TG9B046	116208	TS10E5	112218		
TG17C010	113896	TG9B047	114879	TS12E1	114175		
TG17C010	116158	TG9B049	114848	TS12E10	111906		
TG17C010B	113896	TG9B050	112469	TS12E200	116279		
TG17C010B	116158	TG9B051	112469	TS12E30	116046		
TG17C011	113896	TG9B052	116208	TS12E36	115574		
		TG9B053	114879	TS12E9	113897		

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VISTEON		0003974104	110365	1005821744	111900	028903018X	111353
20-100-01001	112235	004003214	110622	3059110233	110363	028903023E	111676
20-100-01002	112340	004003215	110622	441040092206	112236	028903023EX	111676
20-100-01003	111374	0004769911	110890	5121701501000	113705	028903023H	111353
20-100-01005	112235	0005927867	112768	001911023C	111823	028903023R	111352
20-100-01006	113701	016002016	113885	001911023CX	111823	028903025C	113885
20-100-01007	112290	020911023	111748	001911023X	111823	028903025CX	113885
20-100-01008	112290	020911024	111059	00A903025A	111902	028903025E	111676
20-100-01010	111906	021903016	116186	012911023E	116039	028903025EX	111676
20-100-01011	112251	021903017	111353	012911023F	116039	028903025G	111352
20-100-01014	113910	021903026	113884	012911023FX	116039	028903025GX	111352
20-100-01015	111900	023903023	111353	0175903015E	111094	028903025H	111353
20-100-01020	112251	025911023	113847	020911012P	112286	028903025HX	111353
20-100-01021	113905	026903015	112149	020911023A	111748	028903025P	111479
20-100-01021	116159	026903017	112149	020911023AX	111748	028903025PA	111479
20-100-01022	112821	026911023	110865	020911023B	112286	028903025PX	111479
20-100-01022	115870	028903017	111676	020911023D	112286	028903025Q	111477
20-100-01023	113794	028903018	111353	020911023DX	112286	028903025QX	111477
20-100-01025	112290	028903028	113770	020911023F	111909	028903025S	111988
20-100-01027	113906	028903030	112002	020911023FX	111909	028903025SX	111988
20-100-01029	113908	028903031	112397	020911023H	111909	028903026G	111828
20-100-01029	116062	031903023	111154	020911023J	111748	028903026H	112002
20-100-01032	111374	031911023	115540	020911023L	111748	028903027B	111477
20-100-01034	113910	034911023	111010	020911023M	111748	028903027D	111988
20-100-01036	113911	035903015	110911	020911023MX	111748	028903027E	113770
20-100-01036	116157	036903017	110913	020911023N	111748	028903027K	111353
20-150-01001	113883	036903021	111288	020911023P	112286	028903027L	111820
20-150-01002	113912	036903023	110360	020911023PX	112286	028903027N	111899
20-150-01002	116362	036903026	112075	020911023R	112286	028903027P	111898
20-150-01004	113708	037911023	111059	020911023S	111909	028903028C	112075
20-150-01005	113709	038903018	113888	020911023T	111909	028903028CX	112075
20-150-01006	113709	038903023	113340	020911023TX	111909	028903028D	111989
20-150-01007	113913	038903025	112075	020911024A	112286	028903028DX	111989
20-150-01009	113710	040903023	111096	020911024AX	112286	028903028E	112002
20-150-01010	113710	043903023	111096	020911024C	112286	028903028G	111820
AMHB3C11000AA	115869	045903023	112079	021903016X	116186	028903028H	111353
VM		046903015	113758	021903017A	111477	028903028J	111884
3.553.0061A	115472	046903017	113758	021903020DX	110358	028903028M	111353
3.553.2022A	114265	047903015	111139	021903023J	111353	028903029A	112396
3.553.2032F	115535	047903017	112419	021903024J	111353	028903029B	112397
3.553.2039F	114265	049903017	112747	021903025C	113885	028903029BX	112397
3.553.2040F	115537	050903017	111676	021903025CX	113885	028903029D	112396
3.553.2053F	114402	052903015	110360	021903025K	112002	028903029E	112397
3.553.2054F	114055	052903017	110360	021903025N	111820	028903029EX	112397
3.553.2056F	115537	052903023	110360	021903025T	113275	028903029G	112002
3.553.2063F	116579	053911023	112321	021903026A	113884	028903029M	113406
3.553.2064F	114402	054903015	112750	021903026B	116173	028903029MX	113406
3.852.2236F	110890	055903023	110360	021903026L	116038	028903029N	115763
3.852.2262F	115752	057911021	115948	022903028A	113884	028903029NX	115763
3.852.2287F	115724	059903015	113758	022903028AX	113884	028903029Q	113252
3.852.2313G	114466	059911022	115948	022903028B	114109	028903029QX	113252
3.852.2319F	114019	059911024	114094	022903028BX	114109	028903029R	113252
3.852.2319F	116047	062911023	114304	023903023B	111353	028903029RX	113252
3.852.2321F	114383	063903015	111139	025911023A	113847	028903029S	112396
3.852.2321F	116361	063903017	111139	025911023AX	113847	028903029T	112396
3.852.2322F	116603	068903025	110360	026903015A	112149	028903030A	112002
3.852.2324F	114016	068903027	112729	026903015D	112149	028903031A	112397
3.852.2324F	116478	068903029	110913	026903015DX	112149	028903031AX	112397
35532059F	114233	068903031	111154	026903015E	112149	028903031X	112397
35532067F	116553	068903315	111287	026903015EX	111094	028911023M	113387
38520137A	111987	069911023	111112	026903017A	112149	02A911023C	112166
38520137F	111987	070903024	113947	026903017AX	111094	02A911023D	112131
3852226F	115752	070903139	113947	026903017N	112149	02A911023DX	112131
38522314F	113280	074903023	111154	026903017X	112149	02A911023E	112131
38522326F	113992	074903026	112079	026903023A	112149	02A911023EX	112131
8520046A	113280	075903023	112729	026903023B	112149	02A911023F	111749
C8520069A	113992	076903023	111653	026911023B	110865	02A911023FX	111749
C8520079A	116478	078903016	113510	026911023BX	110865	02A911023H	112166
VOLKSWAGEN		078911023	112309	026911023C	112321	02A911023HX	112166
48764	110865	091911023	110858	026911023CX	112321	02A911023J	111900
390874	111748	091911024	110858	026911023G	112321	02A911023JX	111900
390875	111900	098911023	115503	026911023GX	112321	02A911023L	112005
622727	110865	111911023	110363	026911023X	110865	02A911023LV	112005
001911023	111823	176911023	111060	027911287A	111676	02A911023LX	112005
0003914191	110365	211903031	111225	028903018A	111820	02A911023Q	112166
0003919740	110912	211911023	110363	028903018AX	111820	02A911023R	111900
0003934961	111078	0269110233	110865	028903018B	111988	02A911023RX	111900
0003938582	110912	330903015	112149	028903018BX	111988	02A911023S	114160
		0409030231	111096	028903018F	111676	02A911023SX	114160
		0409030232	111096	028903018FX	111676	02A911023T	111749
		0409030251	111096	028903018K	112397	02A911023TX	111749

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
02A911024.....	111900	02M911023M.....	113773	02Z911024H.....	115336	036903023H.....	110913
02A911024B.....	111900	02M911023MX.....	113773	02Z911024HX.....	115336	036903023J.....	110360
02A911024D.....	111900	02M911023N.....	113841	02Z911024J.....	113842	036903023K.....	110913
02A911024DX.....	111900	02M911023NX.....	113841	02Z911024K.....	114299	036903023L.....	110360
02A911024E.....	114160	02M911023P.....	113841	02Z911024KX.....	114299	036903023M.....	110913
02A911024EX.....	114160	02M911023PX.....	113841	02Z911024L.....	115336	036903023N.....	110360
02A911024G.....	116440	02M911023Q.....	113678	02Z911024P.....	114163	036903023NX.....	110360
02A911024X.....	111900	02M911023QX.....	113678	02Z911024Q.....	115818	036903023P.....	110913
02A911203.....	112131	02M911023R.....	112429	02Z911024QX.....	115818	036903023PX.....	110913
02A911303B.....	113387	02M911023X.....	114174	030903023A.....	111352	036903023X.....	110360
02B911023A.....	112052	02M911024.....	113841	030903023B.....	111352	036903024D.....	113874
02B911023AX.....	112052	02M911024A.....	113841	030903023BX.....	111352	036903024E.....	116587
02B911023B.....	113677	02M911024B.....	115402	030903023C.....	111479	036903024EX.....	116587
02B911023BX.....	113677	02M911024C.....	115402	030903023D.....	111352	036903024H.....	113874
02B911023C.....	112167	02M911024CX.....	115402	030903023DX.....	111352	036903024J.....	113874
02B911023CX.....	112167	02M911024G.....	115402	030903023E.....	111352	036903024JX.....	113874
02B911023D.....	113387	02M911024J.....	115560	030903023EX.....	111352	036903024L.....	116587
02B911023DX.....	113387	02M911024N.....	113841	030903023F.....	111479	036903024M.....	116587
02B911023E.....	112444	02M911024NX.....	113841	030903023FX.....	111479	036903024MX.....	116587
02B911023E.....	116340	02M911024P.....	113841	030903023G.....	111352	036903024N.....	113874
02B911023EX.....	116340	02M911024PX.....	113841	030903023H.....	112075	036903025A.....	111288
02B911023F.....	113677	02M911024Q.....	115560	030903023HX.....	112075	036903025C.....	111288
02B911023FX.....	113677	02M911024QX.....	115560	030903023J.....	111989	036903025E.....	110913
02B911023J.....	113387	02M911024R.....	115696	030903023JX.....	111989	036903025G.....	110913
02B911023L.....	113387	02M911024RX.....	115696	030903023L.....	112075	036903025L.....	111288
02B911023LX.....	113387	02M911024S.....	115402	030903023LX.....	112075	036903025Q.....	111288
02B911023M.....	112444	02M911024X.....	113841	030903023M.....	113887	036903025QX.....	111288
02B911023M.....	116340	02N911023N.....	114299	030903023MX.....	113887	036903026B.....	113887
02B911023MX.....	116340	02T911023A.....	112435	030903023N.....	111989	036903026C.....	113887
02B911023N.....	113387	02T911023C.....	112438	030903023AA.....	111352	036903027A.....	111288
02B911023NX.....	113387	02T911023C.....	116335	030903029A.....	113887	036903027C.....	111288
02E911022C.....	115539	02T911023CX.....	116335	031903023A.....	112765	036903027E.....	111288
02E911022H.....	115561	02T911023D.....	111900	031903023D.....	111154	036903027G.....	111288
02E911022HX.....	115561	02T911023E.....	112435	031911023A.....	115540	036903028A.....	113887
02E911023.....	115900	02T911023EX.....	112435	031911023AX.....	115540	036903028AX.....	113887
02E911023H.....	113509	02T911023G.....	113515	031911023X.....	115540	036911023Q.....	113750
02E911023HX.....	113509	02T911023GX.....	113515	034903015C.....	110919	036911023QX.....	113750
02E911023J.....	115333	02T911023H.....	112438	034903015G.....	112149	036911023S.....	112307
02E911023JX.....	115333	02T911023H.....	116335	034903015M.....	112729	036911023SX.....	112307
02E911023L.....	115311	02T911023HX.....	116335	034903015T.....	112750	036911025B.....	112307
02E911023LX.....	115311	02T911023M.....	114176	034903016A.....	112750	037903023E.....	111477
02E911023M.....	115539	02T911023MX.....	114176	034903016D.....	112750	037903023G.....	111477
02E911023M.....	116156	02T911023R.....	114034	034903016G.....	112750	037903023GX.....	111477
02E911023Q.....	115539	02T911023RX.....	114034	034906016G.....	112750	037903023P.....	112149
02E911023Q.....	116156	02T911023S.....	114034	034911023A.....	111010	037903023Q.....	111353
02E911023S.....	115900	02T911023SX.....	114034	034911023X.....	111010	037903023QX.....	111353
02E911023SX.....	115900	02T911023T.....	114176	035903015A.....	111139	037903025C.....	111820
02E911023T.....	115539	02T911023TX.....	114176	035903015E.....	111139	037903025E.....	112075
02E911023T.....	116156	02T911024.....	114062	035903015J.....	111139	037903025EX.....	112075
02E911024A.....	115638	02T911024A.....	114034	035903015N.....	111139	037903025F.....	113887
02E911024AX.....	115638	02T911024AX.....	114034	035903015T.....	110919	037903025FX.....	113887
02E911024B.....	115561	02T911024B.....	114034	035903015X.....	110911	037903025H.....	116587
02E911024BX.....	115561	02T911024K.....	114034	035903017A.....	112729	037903025L.....	112273
02E911024C.....	115539	02T911024KX.....	114034	035903017AX.....	112729	037903025M.....	112274
02E911024C.....	116156	02T911024N.....	114034	035903017T.....	110919	037903025S.....	112273
02E911024CX.....	116156	02T911024NX.....	114034	035911023D.....	111010	037903025T.....	112274
02E911024D.....	115561	02T911024Q.....	114176	035911023K.....	111010	037903026C.....	113887
02E911024H.....	115539	02T911024X.....	114062	035911023KX.....	111010	037903026CX.....	113887
02E911024J.....	116156	02Z911021C.....	115336	035911023L.....	111010	038903018A.....	112274
02E911024J.....	115539	02Z911021K.....	115336	035911023LX.....	111010	038903018C.....	116587
02E911024J.....	116156	02Z911022C.....	115818	035911023M.....	111010	038903018D.....	115967
02E911024M.....	115561	02Z911022CX.....	115818	035911023N.....	111010	038903018DX.....	115967
02E911024MX.....	115561	02Z911023C.....	114034	035911023O.....	111010	038903018E.....	112399
02E911024P.....	115561	02Z911023CX.....	114034	035911023P.....	111010	038903018EX.....	112399
02M911021B.....	113773	02Z911023E.....	114163	035911023Q.....	111010	038903018F.....	113751
02M911021G.....	115560	02Z911023EX.....	114163	035911023QX.....	111010	038903018FX.....	113751
02M911021GX.....	115560	02Z911023F.....	113842	036903017A.....	110360	038903018G.....	115967
02M911021H.....	115696	02Z911023FX.....	113842	036903017AX.....	110360	038903018GX.....	115967
02M911021HX.....	115696	02Z911023G.....	114163	036903017B.....	110913	038903018P.....	112079
02M911021P.....	115402	02Z911023GX.....	114163	036903017G.....	111287	038903018PX.....	112079
02M911022F.....	115560	02Z911023H.....	113842	036903017GX.....	111287	038903018Q.....	112002
02M911022FX.....	115560	02Z911023HX.....	113842	036903017K.....	111288	038903018QX.....	112002
02M911023.....	114174	02Z911023M.....	114299	036903017KX.....	111288	038903018R.....	112274
02M911023A.....	112429	02Z911023N.....	114299	036903017X.....	110913	038903018RX.....	112274
02M911023AX.....	112429	02Z911023NX.....	114299	036903018B.....	113874	038903018X.....	112075
02M911023C.....	112429	02Z911023P.....	114299	036903023B.....	110360	038903023A.....	111989
02M911023D.....	112429	02Z911023PX.....	114299	036903023C.....	110360	038903023K.....	113340
02M911023F.....	112429	02Z911023S.....	115336	036903023D.....	110913	038903023L.....	112079
02M911023FX.....	112429	02Z911023SX.....	115336	036903023E.....	110913	038903023L.....	114789
02M911023G.....	113773	02Z911024A.....	115336	036903023F.....	110360	038903023N.....	112079
02M911023GX.....	113773	02Z911024B.....	115336	036903023G.....	110913	038903023Q.....	113340

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VOLKSWAGEN <i>Continued</i>							
038903023R	112079	03L903023DX	115712	047903015JX	110622	04L903023TX	116576
038903023S	112002	03L903023E	114109	047903015M	112387	04L911021B	116486
038903023T	113888	03L903023F	113992	047903015PX	110622	04L911021BX	116486
038903024A	112079	03L903023FX	113992	047903015Q	112419	04L911024	116412
038903024A	114789	03L903023G	115370	047903015QX	112419	050903017A	111353
038903024B	113340	03L903023L	116359	047911023C	112388	051903015B	112750
038903024D	112079	03L903023LX	116359	047911023CX	112388	052903017X	110360
038903024E	112079	03L903023M	116195	047911023G	112388	053911023A	112321
038903024F	112002	03L903023MX	116195	047911023GX	112388	053911023AX	112321
038903024G	112002	03L903023P	115730	049903015A	111139	053911023B	112321
038903025M	113888	03L903023Q	114697	049903015AF	110911	053911023BX	112321
039903025E	113253	03L903023X	115433	049903015B	110911	054903015C	112806
039903025L	111288	03L903024A	115707	049903015C	110911	054903015E	112159
039903027A	111288	03L903024C	114697	049903015F	113758	054903015K	112806
039903027C	111288	03L903024D	116359	049903015FX	113758	054903015KX	112806
03C903023	114769	03L903024F	115712	049903015G	110911	055903023R	111653
03C903023A	114884	03L903024FX	115712	049903015GX	110911	055903023S	111653
03C903023AX	114884	03L903024G	114697	049903015H	112747	055911023A	110864
03C903023B	114769	03L903024H	114697	049903015T	110911	055911023AX	110864
03C903023BX	114769	03L903024J	114109	049903017A	110919	055911023E	111059
03C903023C	114884	03L903024K	115713	049903017C	110919	055911023F	111059
03C903023CX	114884	03L903024K	116319	049903017CX	110919	055911023FX	111059
03C903023D	114769	03L903024KX	116319	049903023B	110911	055911023H	111059
03C903023DI	114769	03L903024L	116195	049903023C	110911	055911023J	111059
03C903023DX	114769	03L903024M	116036	049903023E	111653	055911023K	111059
03C903023T	115528	03L903024MX	116036	049903023F	111653	055911023L	111059
03C903025D	114884	03L903024N	116195	049903023FX	111653	055911023M	111059
03C903025DX	114884	03L903024S	115730	049903023J	111653	055911023R	111059
03C903025F	115767	03L906023	115433	049903023N	111139	056911024J	114690
03C903025FX	115767	03L911021	115635	049903023Q	111288	057911021X	115948
03C903025J	115767	03L911021C	115635	049903023R	110919	057911023E	114776
03C903025JX	115767	03L911021CX	115635	049903023T	110919	057911023EX	114776
03D903025D	113253	03L911021E	115636	049903023TX	110919	058903016A	111478
03D903025E	113253	03L911021EX	115636	049903027F	110919	058903016B	111478
03D903025EX	113253	03L911021G	115636	049911023G	110865	058903016BX	111478
03D903025H	113253	03L911021GX	115636	049911023GX	110865	058903016E	111478
03D903025HX	113253	03L911021H	115635	049911023H	110865	058903018A	111478
03D903025J	113253	03L911021HX	115635	04C903021A	116193	058903018AX	111478
03D903025JX	113253	03L911021X	115635	04C903023A	116204	058903018B	111478
03D903025M	115767	03L911024A	115636	04C903023AX	116204	058911023B	112321
03E903023A	115767	03P903023D	115529	04C903023B	115695	058911023BX	112321
03F903023	116207	040903015G	110911	04C903023BX	115695	059903015E	110975
03F903023D	115765	040903025.3	111096	04C903023C	116383	059903015F	113751
03F903023DX	115765	043903023A	111096	04C903023CX	116383	059903015FX	113751
03F903023E	116207	043903023AX	111096	04C903023D	116232	059903015G	113751
03F903023EX	116207	043903023B	111096	04C903023DX	116232	059903015GX	113751
03F903023F	115765	043903023C	111096	04C903023J	116232	059903015H	116587
03F903023FX	115765	043903023CX	111096	04C903023JX	116232	059903015J	112399
03F903023J	115765	043903023D	111096	04C903023K	116193	059903015R	114408
03G903016A	114831	043903023DX	111096	04C903023KX	116193	059903015X	113758
03G903016B	116380	043903023G	111096	04C903023L	116298	059903016D	115856
03G903016BX	116380	043903025A	111096	04C903023LX	116298	059903016E	114780
03G903016E	116380	045903023A	113275	04C903023M	116193	059903016E	116354
03G903016EX	116380	045903023AX	113275	04C903023T	116298	059903016EX	116354
03G903016G	114322	045903023C	115764	04C903023TX	116298	059903016G	114780
03G903016GX	116380	045903023CX	115764	04E903015P	116298	059903016G	116354
03G903016L	116438	045903023D	115764	04E903023B	116235	059903016GX	116354
03G903016LX	116438	045903023DX	115764	04E903023H	115916	059903016J	115631
03G903023	116038	045903023EX	112079	04E903023J	116235	059903016P	115906
03G903023F	114697	045903023F	113275	04E903023JX	116235	059903016PX	115906
03G903023Q	114697	045903023FX	113275	04E903023K	115916	059903017K	114408
03G903023X	114109	045903023G	113275	04E903024Q	116383	059903017KX	114408
03G911023	114096	045903023GX	113275	04E903024S	116298	059903018E	115910
03G911023A	114177	045903023H	115714	04E903025P	115695	059903018EX	115910
03G911023AX	114177	045903023HX	115714	04L903017	115901	059903018K	116583
03G911023X	114096	045903023SE	112079	04L903017D	115901	059903018KX	116583
03L903016A	116146	045903026C	113887	04L903017DX	115901	059903018Q	116614
03L903016AX	116146	046903015A	110911	04L903017E	115901	059903018QX	116614
03L903017	115901	046903015F	113758	04L903017EX	115901	059903018T	116614
03L903017B	116146	046903015FX	113758	04L903017X	115901	059903018TX	115910
03L903017E	115901	046903015G	112750	04L903021D	114322	059903019C	115631
03L903017EX	115901	046903015Q	112419	04L903021G	116373	059903019D	116147
03L903017X	115901	046903017A	110911	04L903021H	114322	059903019L	116614
03L903023	115433	046903017AX	110911	04L903021J	116384	059903023J	116515
03L903023A	116452	046903017X	113758	04L903021JX	116384	059903023K	116147
03L903023AX	116452	046911023B	112537	04L903023J	116384	059903023KX	116147
03L903023B	115713	046911023BX	112537	04L903023JX	116384	059903023M	116147
03L903023B	116319	047903015F	113447	04L903023K	116373	059903023MX	116147
03L903023BX	115713	047903015G	112273	04L903023KX	116373	059911021B	115948
03L903023BX	116319	047903015H	112274	04L903023L	114322	059911021C	115948
03L903023D	115712	047903015J	110622	04L903023T	116576	059911021CX	115948

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
059911021D	115948	068903025DX	111653	069911023B	111120	06E911021B	115559
059911021DX	115948	068903025E	110975	069911023BX	111120	06E911021B	116054
059911021F	115735	068903025K	110913	069911023C	112537	06E911021D	116486
059911021FX	115735	068903025Q	110360	069911023CX	112537	06E911021DX	116486
059911021G	115735	068903025R	110913	069911023D	112537	06E911021F	116486
059911021GX	115735	068903025S	111653	069911023DX	112537	06E911021FX	116486
059911021K	115735	068903027F	110919	069911023E	112221	06E911023B	114837
059911021KX	115735	068903027H	110919	069911023F	111855	06E911023BX	114837
059911021M	115948	068903029A	112729	069911023G	111347	06E911023C	114837
059911021MX	115948	068903029B	110919	069911023H	112014	06E911023CX	114837
059911023A	115938	068903029D	112729	069911023HX	112014	06E911023EX	114837
059911023H	111995	068903029F	112729	069911023J	112430	06E911023F	114837
059911023HX	111995	068903029G	112729	069911023JX	112430	06E911024	116412
059911023J	114690	068903029H	112765	069911023K	112014	06E911024A	116412
059911023P	114094	068903029J	112765	069911023KX	112014	06F9030023B	115621
059911023PX	114094	068903029K	112765	069911023L	112221	06F9030023A	113992
059911023Q	114094	068903029L	112765	069911023LX	112221	06F9030023B	115621
059911023QX	114094	068903029M	112729	069911023M	112430	06F9030023C	115621
059911023R	115938	068903029N	112729	069911023MX	112430	06F9030023D	115621
059911023S	114690	068903029P	112729	069911023V	111112	06F9030023E	115621
059911023SX	114690	068903029S	111094	06A903023	111989	06F9030023F	115621
059911024A	115938	068903031B	111288	06A903026	111989	06F9030023G	115621
059911024AX	115938	068903031C	111287	06A903026A	111989	06F9030023H	115621
059911024C	115375	068903031D	111287	06A903026AX	111989	06F9030023I	115621
059911024CX	115375	068903031H	111154	06A903026B	112075	06F9030023J	115621
059911024D	114094	068903031K	111094	06B903016A	112399	06F9030023K	115621
059911024DX	114094	068903031KX	111094	06B903016AB	114722	06F9030023L	115621
059911024E	114775	068903031L	111287	06B903016ABX	114722	06F9030023M	115621
059911024EX	115375	068903031Q	112799	06B903016AC	116172	06F9030023N	115621
059911024F	115938	068903031R	112765	06B903016AD	113882	06F9030023O	115621
059911024FX	115938	068903031RX	112765	06B903016AE	116337	06F9030023P	115621
059911024G	114094	068903031S	111287	06B903016AF	114722	06F9030023Q	115621
059911024GX	114094	068903031SX	111287	06B903016B	113882	06F9030023R	115621
059911024H	114775	068903033B	111094	06B903016D	113882	06F9030023S	115621
059911024HX	115375	068911023AX	110368	06B903016E	113882	06F9030023T	115621
059911024J	114690	068911023DX	111060	06B903016EX	114722	06F9030023U	115621
059911024JX	114690	068911023E	110996	06B903016F	113283	06H903016L	115367
059911024K	116000	068911023E	116349	06B903016G	113283	06H903016LX	115367
059911024X	114094	068911023EX	111060	06B903016PX	116337	06H903017J	116201
060903017A	111653	068911023G	111060	06B903016Q	116172	06H903017JX	116201
060903017AX	111653	068911023GX	111060	06B903016QX	116172	06H903017T	116201
060903023C	111653	068911023H	116349	06B903016S	116337	06H903017TX	116201
062911023X	114304	068911023J	111069	06B903016AA	114722	06H903018H	116201
063903017X	111139	068911023JX	111060	06B903019E	114722	06H903018HX	116201
064903017AX	110911	068911023M	111069	06B903019EX	114722	06H903018P	116201
068903017A	110360	068911023MX	111060	06B903019G	116172	06H911021	115733
068903017B	110913	068911023P	111694	06B903019GX	116172	06H911021A	115394
068903017BX	110913	068911023R	111694	06B911023	112321	06H911021AX	115394
068903017F	110913	068911023RX	111694	06B911023A	114179	06H911021B	115394
068903017FX	110913	068911023S	111694	06B911023AX	114179	06H911021D	115733
068903017K	111288	068911023SX	111694	06B911023B	115961	06H911021DX	115733
068903017L	111154	068911023T	112286	06B911023BX	115961	06H911021E	115394
068903017M	111287	068911023TX	112286	06B911023X	113751	06H911021EX	115394
068903017MX	111287	068911024B	111694	06C903016	113751	06H911021X	115733
068903017N	111094	068911024BX	111694	06C903016A	113751	06H911024A	115733
068903017NX	111094	068911024C	111694	06C903016AX	113751	06H911024B	115733
068903017P	112729	068911024CX	111694	06C903016B	113510	06J903023A	116387
068903017PX	112729	068911024E	111694	06C903016J	114408	06J903023AX	116387
068903017Q	112765	068911024EX	111694	06C903016X	113751	06J903023B	116387
068903017QX	112765	068911024F	111694	06D903016	116172	06J903023C	116387
068903017SX	112149	068911024FX	111694	06D903016A	114722	06J903023D	116387
068903017T	111154	068911024G	111694	06D903016D	115953	06J903023G	116387
068903017TX	111154	068911024GX	111694	06D903016DX	115953	06J903023GX	116387
068903018B	112729	068911024H	112443	06D903016X	116172	06K903023	114722
068903018BX	112729	068911024K	111060	06D911021B	115394	06K903024A	116387
068903018P	112729	068911024KX	111060	06D911021BX	115394	070903024A	113947
068903023A	110913	068911024L	114171	06D911021D	115394	070903024B	113947
068903023B	110360	068911024L	116338	06D911023	115947	070903024F	113947
068903023C	110913	068911024T	111694	06D911023A	115947	070903024H	113947
068903023D	110360	068903025Q	110360	06D911023B	115394	070911023B	114723
068903023F	110913	069903017A	112729	06E903016	115919	071903016C	116017
068903023H	111653	069903017AX	112729	06E903016DX	115953	071903016E	113283
068903023J	111653	069903017BX	112149	06E903016F	115919	071903016G	111478
068903023L	110360	069903023D	112729	06E903016G	115414	073903023K	112799
068903023N	110913	069903023E	112149	06E903016K	115414	074903018A	113884
068903023P	110913	069903023F	111094	06E903016M	115414	074903018AX	113884
068903023T	112729	069903023G	112729	06E903016MX	115414	074903023A	112765
068903025A	110913	069903023H	112729	06E903018	115919		
068903025B	112098	069911023A	111112	06E903018E	115919		
068903025D	111653	069911023AX	111112	06E903023C	115918		

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VOLKSWAGEN <i>Continued</i>							
074903023H	112750	07M903015	113885	2H0911023F	116248	241615	111054
074903023K	112799	085911023A	111904	2H0911023FX	116248	241959	110048
074903023Q	111477	085911023AX	111904	2H0911023H	115736	243007	112132
074903023X	111154	085911023B	113750	2H0911023K	115736	243010	110205
074903025A	112765	085911023BX	113750	2H0911023KX	115736	308043	110207
074903025B	112799	085911023E	114758	2H0911023K	115736	420718	111638
074903025BX	112799	085911023J	113750	2T2911023B	114001	420731	110980
074903025J	113754	085911023JX	113750	2X0911023	115336	420760	114047
074903025K	112043	085911023K	111904	2Z0903015	113351	420780	110207
074903025KX	112043	085911023L	111904	311911023B	110363	422997	110207
074903025M	113888	085911023M	111904	311911023C	110363	463854	111054
074903025NX	112075	085911023MX	111904	311911023D	110363	463856	111054
074903025NX	113888	091911023A	111061	311911023DX	110363	465471	111793
074903025Q	113754	091911023AX	111061	331911023C	110363	465604	115623
074903025R	113754	091911023B	111061	38522322F	116603	465929	110208
074903025S	113884	091911023BX	111061	3F903023E	116207	465930	110207
074903025T	112002	091911023X	110858	3F903023EX	116207	465931	110205
075469734A	112729	098911023A	112286	441.04003-226.6	112387	466772	115623
075903023A	112729	098911023B	112286	441.04009-219.6	112236	467919	110205
076903023A	111653	09A911023A	115523	4C903023K	116193	468202	110205
076903023D	111653	09A911023B	115523	4C903023KX	116193	468532	110585
076903023E	111653	0AH911023	114175	4Z7903015	113510	469414	110208
076903023G	111035	0AH911023A	114175	59903018QX	116614	471638	110980
076903023J	112149	0AH911023AX	114175	6K0903028	111884	477049	110980
076903023K	111094	0AH911023B	114173	6U0911023	111214	481034	111793
076903023M	111653	0AH911023BX	114173	6U0911023A	112236	493856	111054
076911023A	114317	0AH911023F	115645	6U0911023AX	112236	562752	112343
076911023AX	114317	0AH911023G	115645	6U0911023B	111214	713543	112784
076911023B	115841	0AH911023H	115945	7B0903015	116715	833031	113705
076911023BX	115841	0AH911023HX	115945	7B0903015B	116715	833669	113705
077903015F	115967	0AM911021B	115610	7B0903015C	116599	834339	111054
077903015FX	115967	0AM911021E	115610	7M5903028	112002	834976	111054
077903015K	115967	0AM911022C	115944	BAA911023B	110363	837924	110538
077903015L	115967	0AM911022CX	115944	GC90302020	110912	838060	113705
077903015P	115967	0AM911023B	115611	GE90302000	110912	841762	111397
077903015PX	115967	0AM911023D	115376	GE90302001	110912	841765	111397
077903015R	113510	0AM911023F	115337	HB90800002	110365	842765	111397
077903015RX	113510	0AM911023FX	115337	HB90800004	110365	842774	111218
077911023J	115744	0AM911023G	115610	HL90302051	111180	842775	110538
077911023K	115744	0AM911023GX	115610	J2702054352	111483	843510	111218
078903015A	112806	0AM911023H	115610	J2702054700	111483	845940	111528
078903015AX	112806	0AM911023J	115610	J2810004010	110842	847306	110538
078903015C	112806	0AM911023K	115612	J2810054100	111387	847307	111218
078903015F	112806	0AM911023L	115634	J28100728DL	110842	847308	111219
078903015FX	112806	0AM911023M	115610	MD90800001	110368	847330	111219
078903016AB	113510	0AM911023N	115944	ND90800000	110368	849563	113382
078903016AC	113510	0AM911023NX	115944	SE21903020A	110358	858838	111397
078903016CA	113510	0AM911023Q	115376	SE21908000	110365	858839	111397
078903016E	112399	0AM911023R	115944	SE21908000A	110365	859252	111047
078903016F	113751	0AM911023RX	115944	SEO21903020A	110358	859722	112277
078903016FX	113751	0AM911023T	115612	TJG911023B	113346	867975	111397
078903016H	113751	0AM911024A	116272	VW020911024C	112286	867976	111397
078903016HX	113751	100911023G	111347	XO39349610	111078	868082	111397
078903016R	113510	111911023B	110363	XO39386820	110912	868421	111397
078903016RX	113510	111911023BT	110363	XO39415730	110358	868422	111397
078903016S	113510	111911023C	110363	XO39466650	110365	868425	111397
078903016SX	113510	111911023D	110363	XO39741040	110365	868426	111397
078903017A	112806	113903031G	111225	XO59278677	112768	868427	111658
078903018A	113510	113903031GX	111225	ZBA903015C	110759	868428	111658
078903018AX	113510	113903031K	111225			868431	111658
078903018X	113510	113903031M	111225			868433	111397
078911023A	112309	113903031N	111225			868434	111658
078911023B	112309	113903031P	111225			870346	112249
078911023D	116344	113903031PX	111225			870870	111219
078911023DX	116344	113903031Q	111225			870977	111054
078911023X	112309	113911023E	110363			870998	111219
079911021B	115559	175903023P	110913			872021	111658
079911021C	115559	175903023AA	110913			872258	112165
079911021C	116054	175911023A	116349			873348	112165
079911021D	115559	175903015E	111094			873633	113382
079911021D	116054	1C1T10300AB	113298			873770	113382
079911021DX	115559	1HS903015C	111477			873771	111658
079911021G	115559	1HS911023A	111748			873986	111631
079911021GX	115559	1HS911023B	111748			874385	114527
079911023D	116505	1HS911023C	112166			874468	114473
079911023DX	116505	1HS911023D	112286			874501	114818
07C911023G	115996	211903031A	111225			874502	113971
07C911023H	115996	211911023B	110363			881682	111219
07C911023HX	115996	2H0911023	116248			881683	111218
07K903023A	113992	2H0911023A	116248			881684	111219
07K903025A	113992	2H0911023AX	116248			934976	111054
				VOLVO			
				1613	111054		
				3617	111054		
				72280	110512		
				204284	111489		
				233991	110538		
				238620	111054		
				239572	110512		
				240340	110205		
				240347	111219		
				240360	111054		
				240500	111217		
				240501	110538		
				240502	110207		
				240504	110208		
				240519	110537		
				240524	111217		
				240847	111217		
				241011	111218		
				241232	111793		
				241599	113482		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
982200	111277	3803200	112277	5003349	112345	8113918	112116
983248	111277	3803598	111219	5003398	112803	8144401	111631
1089861	112345	3803639	114212	5003448	112345	8156816	111631
1089862	112803	3803645	113272	5003564	111489	8156817	111746
1096757	111631	3803646	113303	5003617	110160	8192262	114047
1096758	111746	3803838	114734	5003644	112746	8192965	110980
1199872	110208	3803847	114819	5003665	112746	8192965	114033
1257325	111112	3803938	114818	5003708	111120	8251071	112072
1257938	111112	3817662	113971	5003802	110881	8251551	112818
1257939	111120	3827444	114527	5003804	112746	8251635	111719
1306503	111054	3840181	113971	5003975	112557	8251639	112557
1308719	110881	3841359	114818	5003976	112557	8251641	112471
1323488	110881	3854190	111183	5003996	112557	8251642	112295
1323912	110881	3854750	111699	5003997	112557	8251643	112474
1324957	110881	3855177	111786	5240360	110160	8251648	112458
1328391	111120	3856003	111699	5838060	111054	8251655	112072
1328392	111120	3860082	116538	6204270	112098	8251725	112471
1346707	111054	3860171	111710	6204754	111649	8252875	114814
1357199	111489	3860566	111786	6205473	112098	8252889	112475
1357373	111054	3860798	116538	6209190	110523	8253502	112199
1359119	111047	3862308	111699	6209191	110766	8253504	112218
1363451	112818	3862613	114664	6226486	110527	8253505	113761
1363493	112746	3862665	114664	6233004	110527	8253507	112144
1363496	112746	3884950	114664	6244321	110212	8253534	113577
1363511	112746	3885317	111786	6601769	110537	8253611	112458
1367049	111047	3963143	111631	6643669	111217	8253632	112144
1374082	114157	3964839	112116	6643899	110537	8253634	115442
1398327	112746	3976608	113186	6643900	111217	8253785	112471
1502272	111528	3978044	111638	6686461	110205	8253786	112474
1505107	110112	3978710	114033	6779261	112345	8253797	113403
1505307	110112	3986428	111631	6779713	112742	8253813	112458
1509425	112742	3986429	111746	6882364	110112	8253860	113245
1542195	111047	4220357	112097	6886461	110205	8253873	112218
1545417	111047	4374272	112046	6886493	110112	8253980	113248
1547049	112116	4772059	113850	7240340	110207	8348930	111277
1556967	113827	4774617	112507	7240524	111217	8408080	110160
1578139	112742	4777147	110207	8034993	110060	8410664	110225
1578140	110112	4778060	111046	8111001	112078	8553265	111277
1578938	112742	4785484	114170	8111107	112557	8595530	111054
1607362	111528	4785538	113482	8111119	113754	8601699	112072
1621048	112803	4785539	113482	8111122	113754	8601841	112072
1624089	112784	4785541	112132	8111302	112818	8602002	112327
1624090	111658	4785542	113482	8111509	111619	8602082	112557
1626195	110461	4880691	112132	8111510	112295	8602083	112295
1626195	112251	4880692	113482	8111537	113500	8602084	112818
1676822	115623	4880693	113482	8111569	111803	8602085	112818
1684865	114157	4881097	112507	8111571	112679	8602096	112557
2041237	112494	4881598	111638	8111572	113481	8602097	112679
2557832	110175	5001599	110160	8111634	112557	8602138	112557
3032961	112343	5001613	110160	8111701	111251	8602185	112679
3033180	111842	5001614	110160	8111811	112679	8602186	111971
3061819	112474	5001668	110367	8111838	112165	8602274	112474
3062065	112474	5001669	110367	8111839	112165	8602275	113272
3088362	113248	5001677	110112	8111840	111641	8602276	112072
3095060	112116	5001679	110112	8111887	112557	8602277	112078
3173821	111631	5001680	110207	8111888	112679	8602279	112471
3254534	111906	5001682	110601	8111906	111719	8602322	113754
3412455	110585	5001683	110208	8111920	111718	8602343	113272
3417313	111321	5001686	110205	8111921	112059	8602355	113303
3417318	111321	5001759	111047	8111943	111722	8602356	113248
3430012	110585	5001782	112742	8111945	112679	8602360	112434
3475866	113481	5001784	115623	8112613	111746	8602556	112458
3523301	111489	5001835	112742	8112614	111631	8602629	113272
3523420	112557	5001867	111112	8112615	112116	8602710	113272
3523422	112557	5002048	110881	8112789	111631	8602712	113272
3544627	111120	5002050	111120	8112790	111746	8602713	115709
3544652	110881	5002271	110881	8113097	113186	8602714	115709
3545364	112557	5002476	112541	8113165	112116	8602806	112471
3581774	111047	5002633	112756	8113230	110980	8602818	113303
3582514	110552	5002698	111063	8113258	111631	8602920	115700
3587218	114843	5002781	111319	8113259	111746	8602924	114315
3587625	111786	5003001	110881	8113860	114047	8603182	113922
3588491	114818	5003003	111120	8113907	110980	8603183	113849
3594614	114818	5003009	115623	8113908	110112	8603183	116294
3595446	114473	5003027	110208	8113909	112784	8603262	114312
3601261	115412	5003028	110207	8113910	112742	8603263	114312
3801289	114734	5003029	110205	8113911	112345	8603264	116352
3801296	114818	5003089	112784	8113912	112803	8603265	115708
3801351	112534	5003090	111528	8113913	112343	8603265	116352
3803073	113705	5003261	112742	8113914	111631	8603266	116352
3803074	111054	5003312	110980	8113915	111746	8603271	113978

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VOLVO <i>Continued</i>							
8603272	114083	11716111	113991	21306350	114733	30667058	116157
8603292	113906	13065030	111054	21306350	115894	30667067	113922
8603377	111906	13283916	111120	21311522	112494	30667068	113849
8603388	115753	13467070	111054	21314102	114873	30667068	116294
8603409	113911	13571990	111489	21423488	114818	30667069	114065
8603409	116157	13571997	111489	21429781	114212	30667071	113978
8603496	114810	14520588	114518	21429782	116310	30667072	114083
8603539	113303	14522114	114874	21429783	114212	30667102	111906
8603604	115601	15063541	114212	21429786	114212	30667103	114810
8603605	115753	15067533	111746	21429787	114212	30667118	115434
8603689	113906	17204335	114212	21429789	114212	30667119	115412
8603690	113908	17204355	114212	21429790	114078	30667295	115417
8603690	116062	20397219	114193	21429791	115824	30667299	114746
8603898	115753	20397219	115877	21429791	116674	30667494	113911
8622186	113272	20402404	113448	21477586	114033	30667494	116157
8622742	114315	20405828	112494	21477589	11638	30667501	115601
8622786	113272	20409228	114212	21524615	114212	30667524	115753
8637847	113272	20409240	114212	21542660	116374	30667525	115753
8637848	113272	20430564	113830	21542662	116374	30667787	114312
8637849	115709	20430564	115884	21561402	116098	30667788	115708
8651665	115709	20431073	113830	21561402	116433	30667788	116352
8666579	113922	20450305	114310	21598436	115593	30667874	113911
8666581	114065	20450305	115888	21598436	115887	30667874	116157
8676015	114157	20451445	112116	21598446	115593	30667892	113272
8676489	113272	20466315	114212	21598446	115887	30667893	116352
8676496	113272	20466316	115577	21598449	115593	30667894	114312
8676498	113272	20466317	114212	21598449	115887	30667895	115708
8676499	115709	20482686	113895	21600808	116374	30667895	116352
8676896	115588	20509446	113768	21632125	114872	30667896	115753
8688170	113978	20509446	116550	21632125	115875	30724158	116443
8697585	115671	20536466	112116	21632127	114872	30724473	113303
8697650	115641	20553711	110207	21632127	115875	30737529	114810
9031082	110585	20563533	115593	21632129	115451	30755494	113978
9031146	111321	20563533	115887	21727734	111631	30772183	116443
9031302	110585	20572417	114872	21727737	111746	30773111	115606
9031303	112295	20572417	115875	21727740	112803	30782032	115753
9033313	110766	20707050	116014	21770343	111631	30782052	113303
9128421	112818	20714203	114872	21770344	111746	30782228	113303
9130002	112557	20714203	115875	21812800	114212	30795169	115365
9130003	112557	20732404	114310	22175633	112494	30795210	115753
9130217	112557	20732404	115888	22175635	112494	30795422	113922
9130273	112557	20732977	115593	22218391	114078	30795423	113849
9130274	112557	20732977	115887	22218391	115494	30795423	116294
9130485	112557	20739778	114880	22218392	115824	30795493	115601
9148301	112557	20741686	114078	22218392	116674	30795494	113978
9148665	112557	20770016	115824	22218393	114078	30795495	114083
9162424	112557	20770016	116674	22218393	115494	30815466	112818
9162468	112557	20849349	114212	22602935	116374	30819127	112818
9162617	112818	20849350	114212	22602940	114872	31110082	115966
9162618	112818	20849351	114212	22602940	115875	31260072	115908
9162683	112557	20849352	114212	22851149	114733	31268034	113906
9162684	112557	20850236	116310	23261936	116374	31268035	115641
9164940	112557	20851006	112089	24437136	113276	31285512	116049
9164941	112557	20851685	115451	30620657	112474	31285593	113849
9442130	113754	20880693	114733	30620870	113248	31285593	116294
9442188	112557	20891242	114872	30644954	116088	31285594	113922
9442841	112078	20891242	115875	30658065	114312	31285595	113849
9447863	112557	20898062	114303	30658084	113272	31285595	116294
9459038	112078	20900793	114873	30658085	114312	31285627	115521
9459077	112072	20938971	114323	30658086	115708	31285628	115412
9459092	112072	20988293	116433	30658086	116352	31285658	115459
9459093	113754	20997663	114323	30658087	115708	31285808	114724
9459468	112434	21025968	115593	30658087	116352	31288155	113849
9472908	112072	21025968	115887	30658088	116352	31288155	116294
9489312	113272	21036377	115593	30658088	112818	31288275	111906
9496882	113303	21036377	115887	30658564	112818	31288879	115606
9519360	112343	21041752	114407	30658565	112818	31327066	115588
9520621	112343	21041756	114880	30658567	113303	31407197	116682
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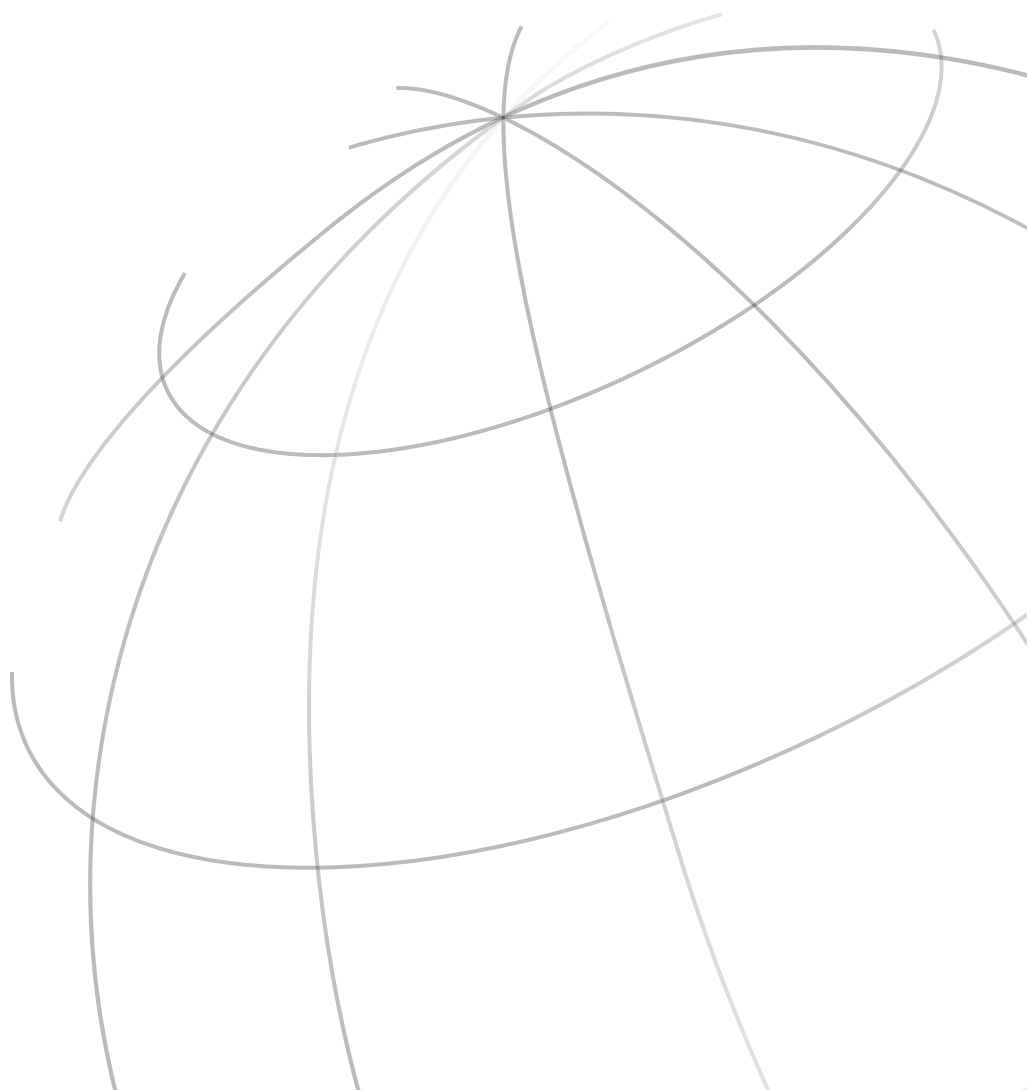
O.E.M. names and numbers are used for reference purposes only.

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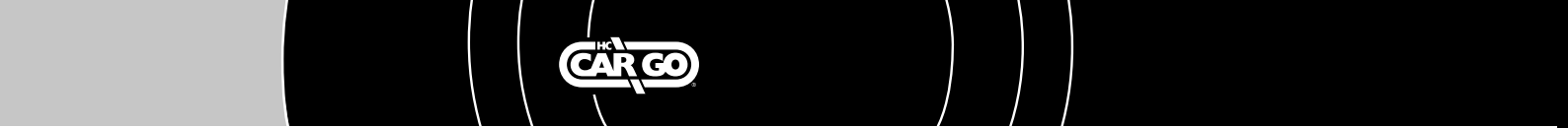
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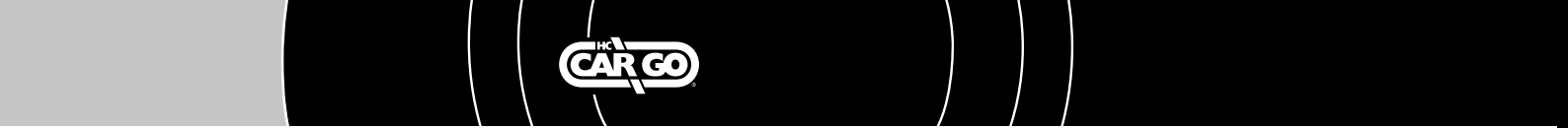
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