



DIESEL PARTS

PART 6 6th Edition



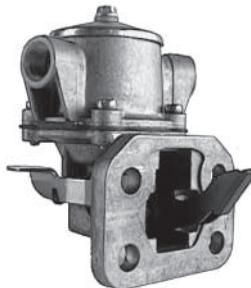
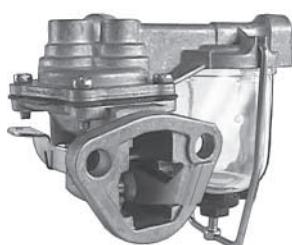
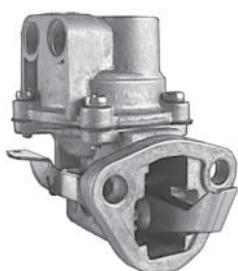
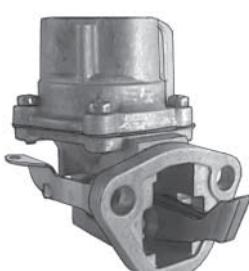
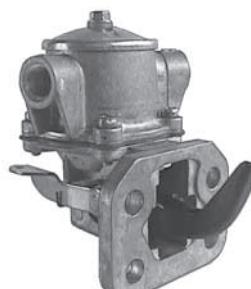
ISO/TS 16949:2002 certified supplier

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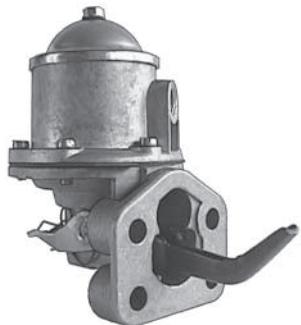
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A=Assortment, **AC**=Air Condition, **Amp.**=Ampere, **AT**=Automatic Transmission, **Ca**=Catalyzer, **CW**=Clockwise rotation, **Eng.**=Engine, **Eur.**=European application, **HD**=Heavy Duty construction, **I.D.**=Inner Diameter, **kW**=Kilowatt, **L**=Length, **LHD**=Left Hand Drive, **LL**=Lead Length, **M**=Minimum supply, **O.D.**=Outer Diameter, **O.E.**=Original Equipment, **RHD**=Right Hand Drive, **Th.**=Thickness, **V.**=Volt, **W**/With, **W/o**=Without, **W.**=Width, **New** = New in catalogue

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

Feed Pumps**090001****Replacing** 461-115, 351-12150B
Servicing Lister**090004****Replacing** 461-170, -171
Servicing Austin, BMC Truck, British Leyland Commercial, British Leyland Marine, Morris, Nuffield Tractors**090007****Replacing** 461-251, -264, 7990114
Servicing Perkins 4/236, Chrysler, I.H., Massey Ferguson, Volvo**090002****Replacing** 461-165, 7971038
Servicing Perkins 3A/152, Bolinder, Hyster, Landini, Massey Ferguson**090005****Replacing** 461-179, 7971183
Servicing AEC, Albion, Bedford, CAV Diesel, Ford Commercial, Ford Industrial, Ford Tractors, Leyland, Chrysler**090009****Replacing** 461-276, 7990361
Servicing Coles, Ford Commercial, Ford Industrial Eng., Leyland**090003****Replacing** 461-167, 2641310
Servicing Perkins 3/152, Massey Ferguson, I.H., Bedford**090006****Replacing** 461-184, 7971233
Servicing Perkins 3A/152, Massey Ferguson, Leyland**090010****Replacing** 461-303, 7990347
Servicing Perkins 4/165, Volkswagen**Electrical Pumps see page 71**
Applications list page 166

Feed Pumps

**090011**

Replacing 461-310, 2641720
Servicing Perkins 6.354.4, Dronningborg, Hyster, Landini, Leyland, Massey Ferguson, New Holland

**090012**

Replacing 461-54, 816045
Servicing Bedford, Opel, Vauxhall

**090013**

Replacing 210.0087, 213.4511, 1.518.005, 7.15252.01, -51
Servicing KHD, WM

**090123**

Replacing 461-66, 5506099, FP-66
Servicing John Deere

**090130**

Replacing RE38009
Servicing John Deere

**090143**

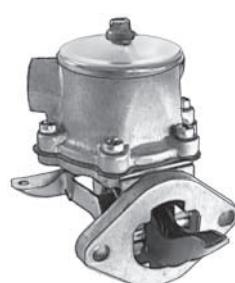
Replacing 93151664
Servicing Perkins 1004 4.40, Massey Ferguson

**090151**

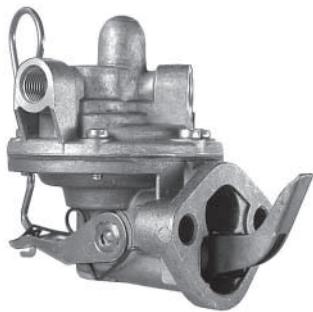
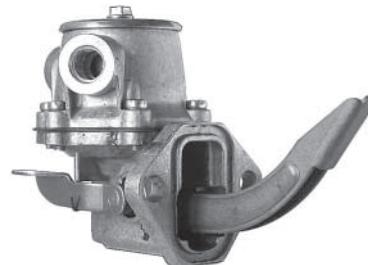
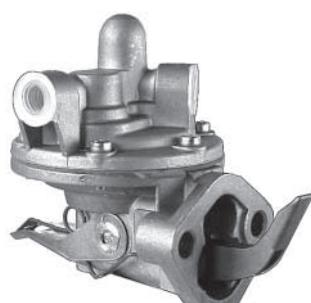
Replacing 833323-9
Servicing Volvo Penta Eng. MD1B/2B/3B 7.3-17-26 kW.

**090142**

Replacing 01474388
Servicing Deutz, KHD

**090155**

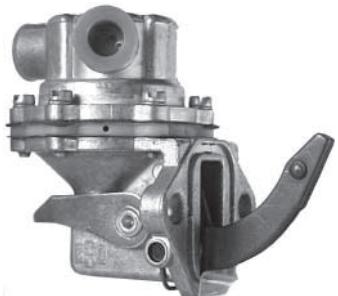
Replacing 7.15532.00, 7.15532.50
Servicing Deutz, KDH

Feed Pumps**090156****Replacing** 7971274, 3904374, 93151274
Servicing Cummins, DAF, I.H.**090176****Replacing** 461-193, 7971262
Servicing Perkins A4.318, 4.203, Clark, Hyster, Massey Ferguson, Valmet**090179****Replacing** 51.12.101.7042, -7046
Servicing MAN**090174****Replacing** 461-131, -132, -133, -135
Servicing Perkins 6.354, 6.372, 6.305, Clark, Dronningborg, Hyster, I.H., J.C.B., Leyland, Massey Ferguson, Talbot**090177****Replacing** 2.4519.220.0, 2.4519.230.0
Servicing Lamborghini, Same Deutz Fahr Group**090180****Replacing** 98419724
Servicing Fiat, Iveco**090175****Replacing** 461-175, 7971116
Servicing Landini, Massey Ferguson**090178****Replacing** 461-352, 4764289
Servicing Alfa Romeo, Fiat, Iveco**090182****Replacing** 461-383, 93151739
Servicing Land Rover, Rover**Electrical Pumps see page 71**
Applications list page 166

Feed Pumps

**090183**

Replacing 461-138, 7950432, 7950771
Servicing Perkins 4.203, Hyster,
Massey Ferguson, Talbot

**090186**

Replacing 00605 2273000
Servicing Alfa Romeo, Toyota, VM

**090189**

Replacing 1.518.0019A
Servicing Alfa Romeo, Rover, VM

**090184**

Replacing 461-168, -267, 7950746
Servicing Case, David Brown, Rover

**090187**

Replacing 4609596, 4648022
Servicing Fiat, Iveco, New Holland

**090190**

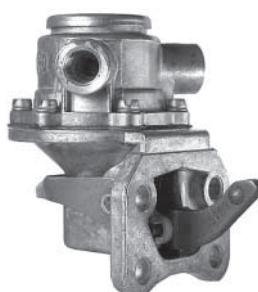
Replacing 461-217, -261
Servicing Ford, Cav, Leyland, Sisu,
Volvo

**090185**

Replacing 461-283, -284, 7480325
Servicing Perkins 4.236, 4.212, DAF,
Dronningborg, Hyster,
Massey Ferguson, Volvo

**090188**

Replacing 4673618, 4709284
Servicing Fiat-Allis, Iveco

**090192**

Servicing Perkins 4.236.2, 4.248,
G.M., Massey Ferguson

Feed Pumps**090197**Replacing 1035875, 6201102, 7133973
Servicing Ford Transit 2.5 D**090250**Replacing 3928144
Servicing Cummins**090314**Replacing BCD 2670/1
Servicing LDW, Lombardini**090201**Replacing 0417 5667
Servicing KHD (Deutz) 1011 F**090298**Replacing BCD 2558
Servicing Carraro**090337**Replacing BCD 2719, Pierburg 7.21537.00
Servicing Hanomag**090235**Replacing 1706/5, 6021
Servicing Bernard Motors, Peugeot,
Vetus, Volvo Penta**090311**Replacing BCD 2683, Pierburg 7.20734.00.0
Servicing MAN**090362**Replacing 461-333, 514333-2, 93151222
Servicing Perkins**Electrical Pumps see page 71**
Applications list page 166

Feed Pumps**090366**

Replacing BCD 2710/1, 836659391, -580
Servicing Valtra Valmet

N**090367**

Replacing BCD 2705, 4844357
Servicing Iveco

N**090253**

Replacing MDF44-7, 2688
Servicing Kubota industrial 3 & 4 cyl.

N**090254**

Replacing 3028666, 2689
Servicing Perkins, JCB,
 Perkins engine 103/10 3 cyl.

N**090333**

Replacing 16604-5203, BCD 2729,
 MDF44-53
Servicing Kubota

N**Feed Pump Parts****081091**

Feed pump to engine
 Gasket

N**081092**

Feed pump to engine
 Gasket

N**081093**

Feed pump to engine
 Gasket

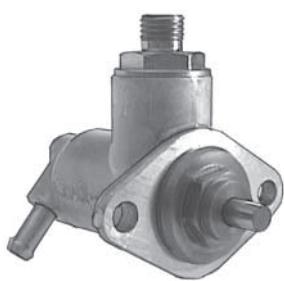
N

Feed Pumps**090015**Replacing 0440 003 177, -188
2-valve**090018**Replacing 0440 008 004
2-valve**090021**Replacing 0440 008 027
2-valve**090016**Replacing 0440 004 018, -020
2-valve**090019**Replacing 0440 008 049
4-valve**090022**Replacing 0440 008 022
4-valve**090017**Replacing 0440 008 003
2-valve**090020**Replacing 0440 008 007
2-valve**090023**Replacing 0440 007 008, -009
2-valve

Feed Pumps

**090075**Replacing 0440 008 005
4-valve**090202**

Replacing 0440 003 148, -176, -240, -998

**090227**Replacing 0440 001 006, -022, -073, -080
M14-1.5 in and outlet**090125**Replacing 0440 007 018
2-valve**090204**Replacing 0440 008 073, -982
M14-1.5 in and outlet**090315**Replacing 0440 008 068, -079, -081
Servicing Iveco, KHD, Volvo**090198**

Replacing 0440 008 089

**090205**Replacing 0440 008 074, -989
M14-1.5 in and outlet

N

Feed Pumps**090251**

Replacing 3918076, 93151910
Servicing Cummins
Engine 4BT

**090252**

Replacing 3917998, 93151377
Servicing Cummins
Engine 6CT

Feed Pump Parts



080061 Std pkg 10
Replacing 2444 618 002
Servicing 4-valves
 Spring



080062 Std pkg 10
Replacing 2444 617 010
Servicing "A" and "P" feed pumps
 Spring



080063 Std pkg 10
Replacing 1900 210 100
 $5 / 7.9 \times 1.45$ mm
 O-ring



080574 Std pkg 10
Replacing 2440 210 009
 $7 / 10 \times 1.5$ mm
 O-ring



080576 Std pkg 10
Replacing 1900 210 119
 $7.4 / 11.4 \times 2$ mm
 O-ring



080577 Std pkg 10
Replacing 1900 210 122
 $22.2 / 27 \times 2.4$ mm
 O-ring



080694 Std pkg 10
Replacing 2440 210 010
 $6.9 / 10 \times 1.55$ mm
 O-ring



080578 Std pkg 10
Replacing 1411 073 000, -003
 Gasket



080068 Std pkg 10
Replacing 2443 456 018
 $M14-1.5$
 Hollow screw w/ filter



080069 Std pkg 10
Replacing 2440 401 003
 Filter for hollow screw Cargo 080068



080059
Replacing 2447 010 004
Servicing 2-valve
 Valve repair kit



080060
Replacing 2447 010 019
Servicing 4-valves
 Valve repair kit

Feed Pump Parts**080064**

Replacing 2447 010 011

Servicing 2-valve

Valve repair kit, small

**080067**

Replacing 2447 010 024

Servicing Mercedes

M22-1.5

Valve repair kit

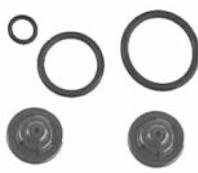
**080573**

Replacing 2447 010 021

Servicing Mercedes

M24-1.5

Valve repair kit

**080766**

Replacing 2447 010 023

Valve repair kit

**080580** Std pkg 10

Replacing 2447 419 002

Valve

**080065**

Replacing 2447 010 003

Filter repair kit

**080591**

Replacing 9441 080 033

Clamping for prefilter

**080294**

Replacing 2447 010 016

Filter repair kit

**080066** Std pkg 10

Replacing 2454 642 001

Spring for filter

**080291** Std pkg 10

Replacing 2440 109 005

Gasket for filter glass

**080292** Std pkg 5

Replacing 2459 999 002

Filter glass

**080743** Std pkg 5

Replacing 2450 556 000

Filter glass - aluminium

Feed Pump Parts



080293 Std pkg 10
Replacing 1450 410 011
Filter



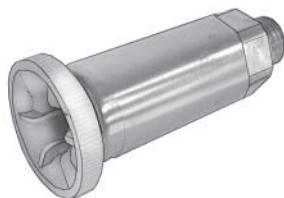
090076
Replacing 1457 434 000
M14-1.5
Prefilter - glass



090144
Replacing 1457 434 002
M14-1.5
Prefilter - aluminium



080769
Replacing 2447 010 035
Prefilter - New type



080295
Replacing 2447 222 023
M16-1.5
Hand pump



080840
Replacing 2447 220 000, 2447 922 099
M16-1.5
Hand pump - steel



080695
Replacing 2447 010 045
M22-1.0
Hand pump w/ adaptor



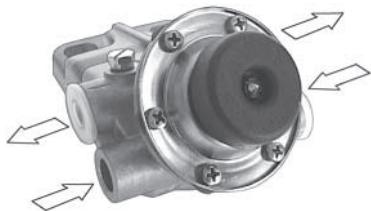
080742
Replacing 2447 010 033
M16-1.5
Hand pump



081003
Servicing Cargo 080695
M16-1.5 to M22-1.0
Union for Hand pump



080793
Replacing 0440 011 007
M14-1.5
Hand pump

Filter Parts**090166**

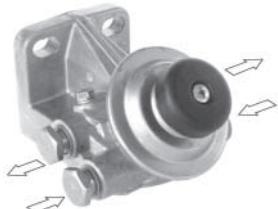
Replacing 0450 126 009

Servicing Opel, Ford

M14-1.5 in and outlet

M16-1.5 filter thread

Filter cover w/ hand pump

**090167**

Replacing 0450 126 957

M14-1.5 in and outlet

M16-1.5 filter thread

Filter cover w/ hand pump

**090073**

Replacing 1450 522 000

Glass bowl

**090127**

As Cargo 090073, but aluminium

**080809** Std pkg 10

M14-1.5

Plug for filter cover

**090193**

M14-1.5 in and outlet

(1/2" x 20 UNF see page 44)

Flow rate 150 Litre/h.

Complete filter house

**090145**

Replacing 7111 692A

M14-1.5 in and outlet

(1/2"-20 UNF see page 46)

Water separator

**090172**

Glass for water separator

**090173**

Nut ring for water separator

**080811**

Repair kit - handpump

Purflux

**080852**

Servicing 2-valves

Valve repair kit

**080943**

Servicing Audi, VW

Filter bearing

Filter Parts

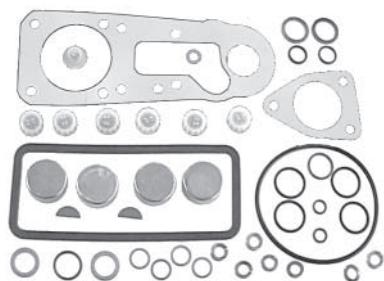
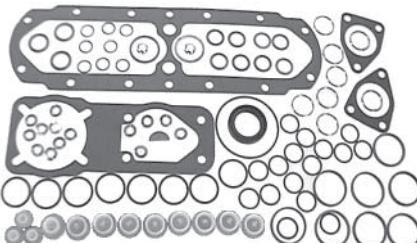
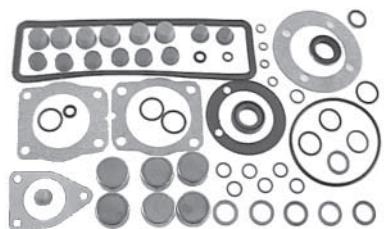
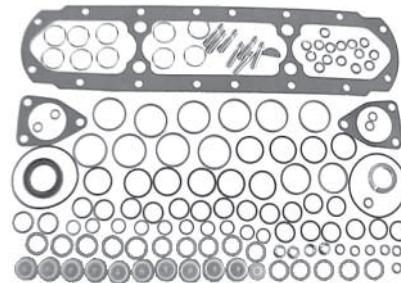
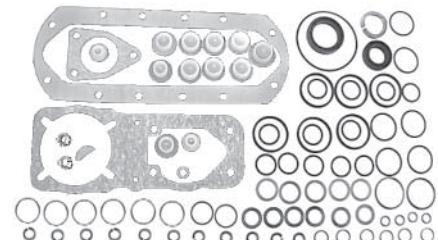
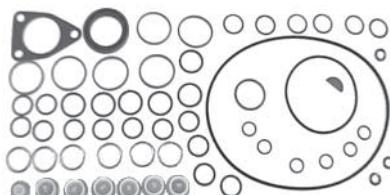
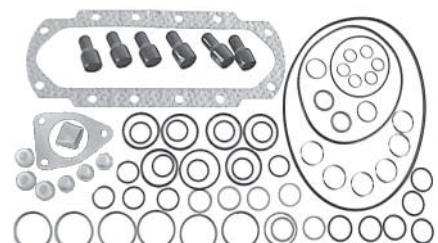
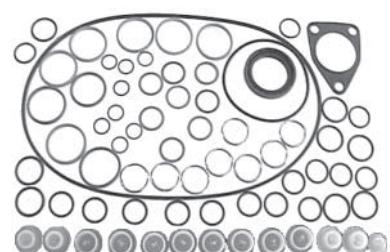
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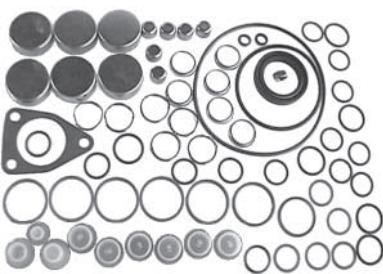
081127**Servicing VW golf III**
Filter bearing**080944**Heat exchanger
Filter thread M16-1.5

N

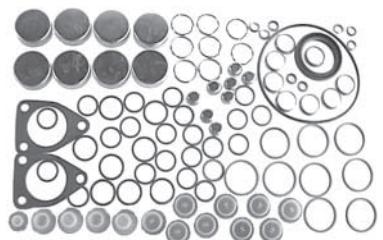
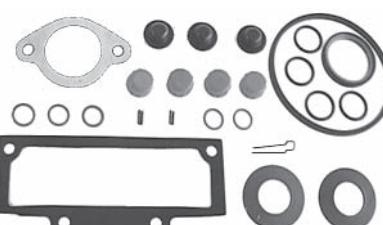
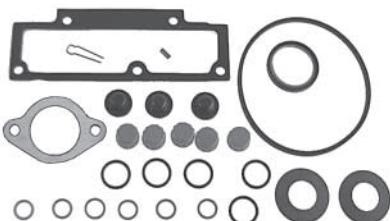
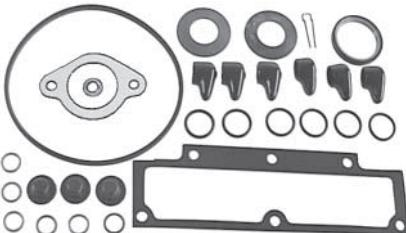
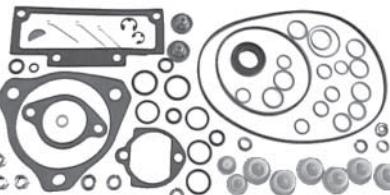
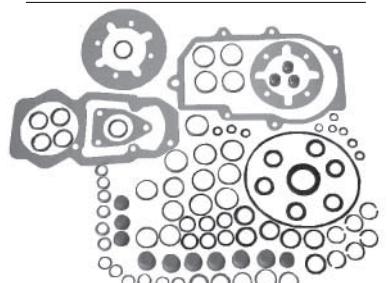
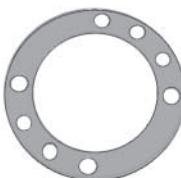
081125**Replacing 1457 001 003**
12 V.
M14-1.5
Fuel heater kit**081126**

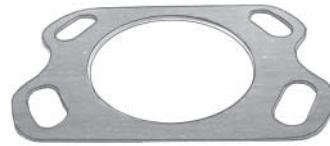
N

**Diesel Injections
Pumps****090300**Replacing 0470 004 012, 0986 444 506
Servicing Ford Transit**Diesel Pump Parts****090090**Replacing 1417 010 002
Servicing PE4AD**090029**Replacing 2417 010 003
Servicing PE8P**090038**Replacing 1417 010 010
Servicing PE6AD**090035**Replacing 2417 010 004
Servicing PE10P**090027**Replacing 2417 010 001
Servicing PE6P**090030**Replacing 2417 010 008
Servicing PE6P 7000 series**090028**Replacing 2417 010 011
Servicing PES6P**090031**Replacing 2417 010 009
Servicing PE8P 7000 series

Diesel Pump Parts**090032**Replacing 2417 010 010
Servicing PE6P 7100 series**090033**

Servicing PE6P 7800 series

**090034**Replacing 2417 010 022
Servicing PE8P 7100, -7800 series**090036**Replacing 1417 010 011
Servicing PES4M**090037**Replacing 1417 010 012
Servicing PES5M**090039**Replacing 1417 010 013
Servicing PES6M**090040**Replacing 1417 010 001
Servicing PES4M
Mercedes**090211**Replacing 1417 010 008
Servicing PES6PMWR**080532** Std pkg 10Replacing 1410 137 002
Servicing A-pump
Gasket**090260**Replacing 1410 206 014
Servicing M-pump 4 cyl.
Gasket**090261**Replacing 1410 206 020
Servicing M-pump
Gasket ring**090262**Replacing 1410 206 029
Servicing M-pump 6 cyl.
Gasket ring

Diesel Pump Parts**090263**Replacing 1411 015 076
Servicing M-pump
Gasket**090295**Replacing 1421 015 088
Servicing M-pump
Gasket**081059**Replacing PE-M to engine
Gasket**090264**Replacing 1421 015 085
Servicing M-pump
Gasket**080094** Std pkg 10Replacing 1410 282 003
Servicing A-pump
Oil seal 17 / 28.3 x 6.1 mm**080530**Replacing 4799060
Servicing Fiat A-pump
Gasket**090265**Replacing 1421 015 086
Servicing M-pump
Gasket**080529** Std pkg 10Replacing 1410 281 012, -013
Servicing A-pump
Oil seal 20 / 30.1 x 6.7 mm**080531**Replacing 561353
Servicing Ford A-pump
Gasket**090266**Replacing 1421 015 092
Servicing M-pump
Gasket**090131**Replacing Mercedes
Gasket kit

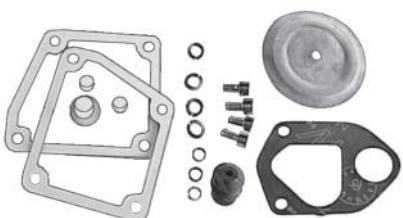
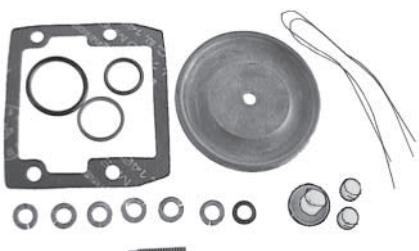
Diesel Pump Parts

N

081130 Std pkg 5
Replacing 44020740059
W. 9 mm
Gasket, pump to engine



080182 Std pkg 5
Replacing 4030740059
Servicing Mercedes
W. 13 mm
Gasket, pump to engine

Diesel Pump Parts**LDA****080180**Servicing Scania, Volvo
Repair kit**080181**Servicing Iveco, Mercedes
Repair kit**080183** Std pkg 10

Replacing 2420 415 001

Servicing Volvo
Rubber boot**080184** Std pkg 5

Replacing 2420 503 002

Diaphragm

080185 Std pkg 10

Replacing 2910 022 191

M6-1.0 x 10 mm

Bolt

**080746** Std pkg 10

Replacing 2423 450 051

M6-1.0 x 18 mm

Secure lock screw

**080747** Std pkg 10

Replacing 2423 450 005

M6-1.0 x 23 mm

Secure lock screw

**080927** Std pkg 10

Replacing 1423 450 056

M8-1.25 x 20 mm

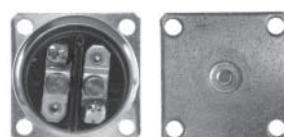
Secure lock screw

**080928** Std pkg 10

Replacing 1423 450 017

M6-1.0 x 10 mm

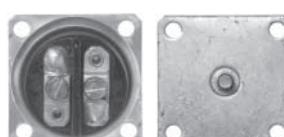
Secure lock screw

**090043**

Replacing 0330 101 026

24 V.

Cold start solenoid

**090044**

Replacing 0330 101 029

12 V.

Cold start solenoid

Diesel Pump Parts



080037 Std pkg 100
Replacing 1413 453 025
 M6-1.0
 Air screw



080040 Std pkg 100
Replacing 1413 453 020
 M6-1.0
 Air screw



080108
Replacing 1457 413 012, -013
 M14-1.5
 Overflow valve, pressure 0.5 - 1.0 bar



080109
Replacing 1417 413 000
 M14-1.5
 Overflow valve, pressure 1.3 - 1.8 bar



080110
Replacing 1417 413 049
 M14-1.5
 Overflow valve, pressure 0.5 - 1.0 bar



080111
Replacing 1417 413 047
 M14-1.5
 Overflow valve, pressure 1.3 - 1.8 bar



080112
Replacing 1417 413 046
 M12-1.5
 Overflow valve, pressure 1.0 - 1.5 bar



080250 Std pkg 5
Replacing 1457 413 060
 M14-1.5
 Overflow valve w/ nylon ball,
 pressure 1.2 - 1.5 bar



080113
Replacing 1417 413 012, 601 070 01 46
Servicing Mercedes
 M12-1.5
 Overflow valve, calibrated
 Pressure 0.5 - 1.0 bar



080690
Replacing 2417 413 013
 M14-1.5
 Overflow valve, calibrated



090042
Replacing 9401 085 011, 9401 240 169
 Damper w/ air drain



090062
Replacing 9401 240 170
 Damper w/o air drain

Diesel Pump Parts**PDI****090246**

Replacing 038198051B

Servicing VW

Repair kit for VW injector pumps
incl. parts for 5 injectors**090330**

Replacing F00H N37 070

Servicing Mercedes Atego

Repair kit

Bearings**080587**

Replacing 1410 900 010, -014, -015
25 / 62 x 17 mm

**140795**

Replacing 6004, 1410 900 012
20 / 42 x 12 mm

**140800**

Replacing 1900 910 240
25 / 52 x 16 mm

**140760**

Replacing 30203, 1900 910 201
17 / 40 x 13 mm
Roller bearing

**140796**

Replacing 6003, 1900 900 281
17 / 35 x 10 mm

**140801**

Replacing E20, 1900 900 023
Servicing P-pump 78 . . . series
20 / 47 x 12 mm

**140761**

Replacing 30205J, 1900 910 203
25 / 52 x 16.3 mm
Roller bearing

**140797**

Replacing L17, 1900 900 018
17 / 40 x 10 mm

**140803**

Replacing 30204, 1900 910 202
20 / 47 x 15.3 mm

**140794**

Replacing 6203, 1900 900 305
17 / 40 x 12 mm

**140799**

Replacing 1900 910 204
30 / 62 x 14 mm

**140874**

Replacing 6204, 1410 900 016
20 / 47 x 14 mm

Shims**Bearing adjustment
Shims
A-Pump**

Std pkg 10

Thickness mm

080105 0.10	1410 101 610
080106 0.20	1410 101 618
080107 0.30	1410 101 620

**Bearing adjustment
Shims
P-Pump**

Std pkg 10

Thickness mm

080100 0.10	1411 038 30, -31
080102 0.14	1411 038 032
080104 0.18	1411 038 034

**Adjustment Shims
P-Pump Bodies**

Std pkg 10

Thickness mm

080538 0.40	2411 098 010
080539 0.45	2411 098 011
080540 0.50	2411 098 012
080541 0.55	2411 098 013
080542 0.60	2411 098 014
080543 0.65	2411 098 015
080544 0.70	2411 098 016
080545 0.75	2411 098 017
080546 0.80	2411 098 018
080547 0.85	2411 098 019
080548 0.90	2411 098 020
080549 0.95	2411 098 021
080551 1.05	2411 098 023
080552 1.10	2411 098 024
080554 1.20	2411 098 026
080556 1.30	2411 098 028
080569 1.95	2411 098 041
080570 2.00	2411 098 042
080571 2.05	2411 098 043
080572 2.10	2411 098 044

Common Rail

**090247**

Servicing CP1
High pressure pump
Gasket kit

**090328**

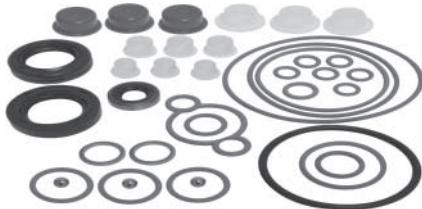
Servicing CP1 w/ 2 oil seals,
Iveco Daily
Gasket kit

**090329**

Servicing CP1
Iveco Ducato
Gasket kit

**090338**

Servicing CP3-110
Gasket kit

**090339**

Servicing CP3-70
Gasket kit

**090340**

Servicing CP3-80
Gasket kit

Bushings

Servicing CP1

For common rail high pressure pump
Part of Cargo 090331

mm

081081 17/19 x 15

081082 20/22 x 20

081083 24/26 x 20

Servicing CP3

For common rail high pressure pump
Part of Cargo 090332

mm

081084 17/19 x 17

081085 20/22 x 22

081086 25/28 x 25

081087 30/33 x 25

**081136**

Replacing F00R 0P1 249
Servicing CP1
For common rail high pressure pump
Valve

**081137**

Replacing F00R 0P0 925, F00R 0P1 747
Servicing CP1
For common rail high pressure pump
Element

**081138**

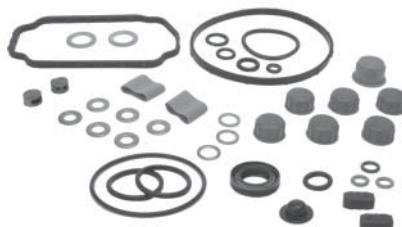
Replacing F00R 0P1 110
Servicing CP1
For common rail high pressure pump
Shaft

**081139**

Replacing F00R 0P1 787, -788, -790
Servicing CP1
For common rail high pressure pump
Pressure triangel

VA Pump parts**080827**

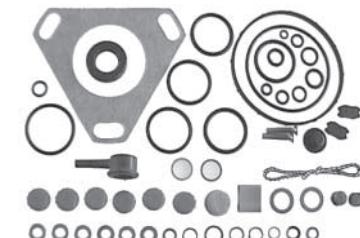
Replacing 1467 010 036
Servicing VA-Pump
Gasket kit

**080850** Std pkg 5
Replacing 1460 326 027
Servicing VA-Pumps
Bushing**080980**
Replacing 1466 122 009
Servicing VA-Pumps
Throttle shaft**VE Pump Parts****090041**

Replacing 1467 010 059
17 mm oil seal
See also Cargo 090140

**090140**

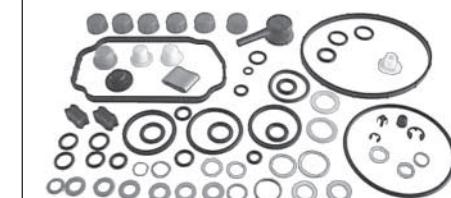
As Cargo 090041,
but w/ 17 and 20 mm oil seal

**090092**

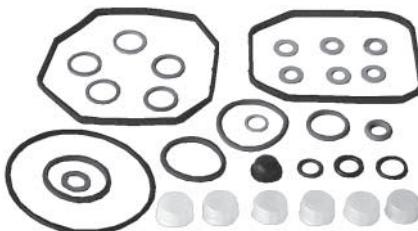
Replacing 1467 010 059 LD
Servicing VE
Turbo kit

**090163**

Gasket kit VE-Pump w/LDA

**090165**

Replacing 1467 010 467
Gasket kit VE-Pump

**090212**

Replacing 2467 010 003, -002
Servicing Bosch EDC
Gasket kit

**081037**

Replacing 1461 038 319
Servicing Bosch EDC
Gasket

**081038**

Replacing 1461 074 328
Servicing Bosch EDC

VE Pump Parts

Gasket

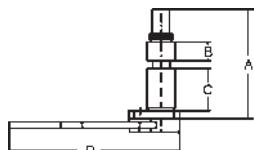
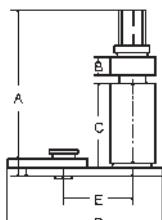
**080098** Std pkg 10 Replacing 1460 206 303
Cover-gasket**080099** Std pkg 10 Replacing 1460 015 300, 1461 015 300
Servicing VE
Cover-gasket**080948** Std pkg 5Replacing 1460 280 301
Servicing VE Pumps 0460 494 152,
VW Transporter T2 TD
Oil seal for Boost control shaft**081008**

Replacing 1461 051 000, -002

VP Pump Parts

Gasket

**090353**Replacing 0470 999 029
Gasket kit VP 29/30**090354**Replacing 1467 045 046
Gasket kit VP 44

VE Throttle ShaftsThrottle Shaft Survey
see Page 157**080115**Replacing 1463 161 304
Servicing Ford

A: 38.5, B: 3.0, C: 19.3, D: 37.4, E: 20.0 mm

**080116**Replacing 1463 161 308
Servicing Fiat

A: 38.1, B: 6.0, C: 16.0, D: 32.7, E: 16.0 mm

**080117**Replacing 1463 161 312
Servicing Peugeot

A: 38.1, B: 2.8, C: 18.5, D: 35.0, E: 17.0 mm

**080119**Replacing 1463 161 325
Servicing VW

A: 35.5, B: 2.8, C: 15.0, D: 57.5 mm

**080120**Replacing 1463 161 329
Servicing Opel

A: 42.1, B: 6.0, C: 20.1, D: 35.5, E: 17.5 mm

**080123 A**Replacing 1463 161 366
Servicing Ford

A: 43.3, B: 6.0, C: 19.5, D: 37.5, E: 20.2 mm

**080134**Replacing 1463 161 545
Servicing Fiat

A: 39.0, B: 6.0, C: 16.0, D: 61.5 mm

**080135**Replacing 1463 161 592
Servicing Daily, Ducato, Grinta

A: 52.0, B: 6.0, C: 30.1, D: 33.0, E: 15.5 mm

**080121**Replacing 1463 161 342
Servicing Iveco, Opel, Renault, VW

A: 43.2, B: 7.9, C: 18.2, D: 33.0, E: 15.5 mm

**080136 A**Replacing 1463 161 644
Servicing Volvo

A: 39.1, B: 6.0, C: 16.0, D: 59.1 mm

**080122**Replacing 1463 161 359
Servicing VW

A: 38.9, B: 6.0, C: 16.0, D: 58.0 mm

*Throttle Shaft Survey
see Page 157*

VE Throttle Shafts



080139 A

Replacing 1463 161 725
Servicing Fiat, Ford, VW

A: 49.0, B: 6.0, C: 26.4, D: 59.6 mm



080143 A

Replacing 1463 161 379
Servicing Audi, Opel, Volvo

A: 39.3, B: 6.0, C: 15.7, D: 63.6 mm



080147

Replacing 1463 161 729
Servicing Fiat, Ford

A: 56.6, B: 6.0, C: 26.5, D: 59.2 mm



080140 A

Replacing 1463 161 390
Servicing Fiat, VW

A: 39.0, B: 6.0, C: 15.4, D: 60.0 mm



080144 A

Replacing 1463 161 381, -448
Servicing Fiat, Ford, Opel, Peugeot

A: 38.8, B: 6.0, C: 15.3, D: 61.6 mm



080148

Replacing 1463 161 733
Servicing Audi

A: 59.1, B: 6.0, C: 35.4, D: 59.4 mm



080141 A

Replacing 1463 161 377
Servicing Fiat, Renault, Simca, VW

A: 38.8, B: 6.5, C: 15.0, D: 60.6 mm



080145 A

Replacing 1463 161 383
Servicing Renault, Volvo

A: 39.0, B: 6.0, C: 15.8, D: 60.1 mm



080149

Replacing 1463 161 778
Servicing Alfa

A: 48.2, B: 6.0, C: 26.5, D: 63.7 mm



080142 A

Replacing 1463 161 581
Servicing Fiat

A: 49.0, B: 6.0, C: 26.1, D: 61.5 mm



080146 A

Replacing 1463 161 523
Servicing Audi, Renault

A: 49.1, B: 6.0, C: 26.1, D: 61.3 mm



080150

Replacing 1463 161 809
Servicing Fiat

A: 48.8, B: 6.0, C: 26.0, D: 64.3 mm

VE Throttle Shafts*A, B, C ... see page 29***080151**Replacing 1463 161 845
Servicing Fiat

A: 56.5, B: 6.0, C: 26.5, D: 60.0 mm

**080156**Replacing 1463 161 704
Servicing Volvo

A: 45.5, B: 6.0, C: 15.5, D: 59.2 mm

**080160**Replacing 1463 161 722
Servicing Fiat

A: 49.7, B: 5.2, C: 26.7, D: 61.7 mm

**080152**Replacing 1463 161 846
Servicing Lancia

A: 56.5, B: 6.0, C: 26.4, D: 63.8 mm

**080157**Replacing 1463 161 710
Servicing BMW

A: 49.0, B: 6.0, C: 26.1, D: 59.5 mm

**080683**

Replacing 1463 161 404

A: 44.0, B: 6.7, C: 19.5, D: 31.5, E: 14.0 mm

**080154 A**Replacing 1463 161 597
Servicing Audi, Lancia, VW

A: 49.0, B: 6.0, C: 26.2, D: 63.7 mm

**080158**Replacing 1463 161 712
Servicing Fiat, Peugeot

A: 38.5, B: 6.0, C: 14.8, D: 61.8 mm

**080684**

Replacing 1463 161 568

A: 39.0, B: 6.0, C: 16.1, D: 60.0 mm

**080155**Replacing 1463 161 703
Servicing Renault

A: 59.1, B: 6.0, C: 35.7, D: 61.5 mm

**080159**Replacing 1463 161 716
Servicing Citroen, Peugeot

A: 49.2, B: 6.0, C: 26.0, D: 58.7 mm

**080685**

Replacing 1463 161 773, -861

A: 49.0, B: 6.0, C: 26.1, D: 58.7 mm

VE Throttle Shafts

**080755 A**

Replacing 1463 161 596

A: 50.0, B: 6.5, C: 29.7, D: 37.3, E: 20.5 mm

**080979**Replacing 1463 161 807
Servicing Fiat, Ford, MAN

A: 48.3, B: 6.0, C: 25.8, D: 63.0 mm

**080828 A**Replacing 1463 162 104
Servicing Opel, Ford, VW

A: 47.2, B: 3.0, C: 26.7, D: 59.5 mm

**081112 A**Replacing 1463 161 875
Servicing Peugeot, Renault, VW

A: 56.1, B: 3.1, C: 26.1, D: 60.7 mm

**080874**Replacing 1463 162 111
Servicing Ford

A: 47.5, B: 6.0, C: 23.3, D: 63.9 mm

**081132**Replacing 1463 161 849
Servicing Cummins, IH, MAN, VW

A: 62.7, B: 6.0, C: 30.0, D: 37.5, E: 20.0 mm

**080949 Std pkg 5**Replacing 1463 162 225
Servicing Seat, VW

A: 56.0, B: 3.0, C: 26.3, D: 61.0 mm

**080420 Std pkg 10 A**Replacing 1460 210 008
O-ring for throttle shafts 6.5 / 10.5 x 2 mm

VE Bushings**080161** Std pkg 5 **A**

Replacing 1460 324 315

L. 20 mm

Bushing for cover

**080165** Std pkg 5 **A**

Replacing 1460 324 333

L. 30.5 mm

Bushing for cover

**080162** Std pkg 5 **A**

Replacing 1460 324 316

L. 25 mm

Bushing for cover

**080232** Std pkg 5 **A**

Replacing 1460 324 337

L. 33.5 mm

Bushing for cover

**080163** Std pkg 5 **A**

Replacing 1460 324 331

L. 40.5 mm

Bushing for cover

**080164** Std pkg 5 **A**

Replacing 1460 324 332

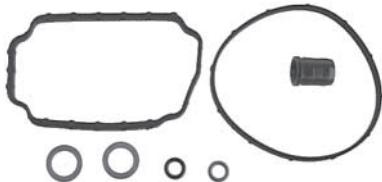
L. 35 mm

Bushing for cover

VE Repair Kits

**080166 A**

Bushing L. 20 mm,
w/ O-ring and gasket
See also Cargo 080727

**080727**

As Cargo 080166, but w/ 2 O-rings and
prefomed gasket

**080168**

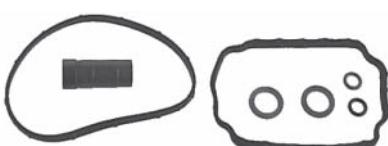
Bushing L. 40.5 mm,
w/ O-ring and gasket
See also Cargo 080728

**080728**

As Cargo 080168, but w/ 2 O-rings and
prefomed gasket

**080169 A**

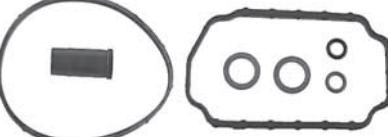
Bushing L. 35 mm,
w/ O-ring and gasket
See also Cargo 080729

**080729**

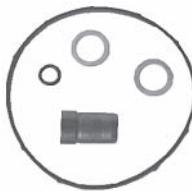
As Cargo 080169, but w/ 2 O-rings and
prefomed gasket

**080170 A**

Bushing L. 30.5 mm,
w/ O-ring and gasket
See also Cargo 080730

**080730**

As Cargo 080170, but w/ 2 O-rings and
prefomed gasket

**080856**

Bushing L. 25 mm,
w/ O-ring kit and gasket

VE Solenoid Stops**080177 A**

Replacing 0330 001 015, -018
12 V.

**081001**

Replacing 0330 001 026
24 V.
Insulated

**080178 A**

Replacing 0330 001 016
24 V.

**081002**

Replacing 0330 106 017
24 V.
Push model for continuous run. Insulated

**080994**

Replacing 0330 001 043
12 V.

**081000**

Replacing 0330 106 018
12 V.
Push model for continuous run

VE Sundry Parts



080171 Std pkg 10
Replacing 1460 400 004
Servicing VE-EDC pumps
 Bushing, 17 mm



081135
Replacing 1460 400 314
Servicing VE-EDC pumps
 Bushing, 17 mm



080172 Std pkg 10
Replacing 1460 400 014
 Bushing, 20 mm



081133
Replacing 1460 400 310
Servicing VE-EDC pumps
 Bushing, 20 mm



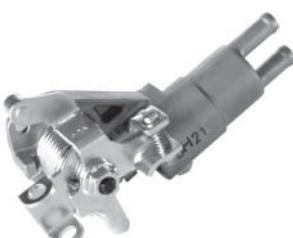
081134
Replacing 1460 400 313
Servicing VE-EDC pumps
 Bushing, 20 mm



080174 Std pkg 5
Replacing 1463 161 319, 1463 461 306
Plug



081104
Replacing 2463 452 001
Servicing VE-EDC
 Plug



090276
Replacing 9461 624 676
Servicing VE pumps
 Vax thermostat
 Start advance



090280
Servicing Fiesta, Ford
 Bosch pump
 Start advance assy



080825 Std pkg 10
Replacing 1463 370 319
Valve holder



081101
Replacing 1467 010 053
Servicing VE pumps
 Spring kit



081102
Replacing 1467 010 352
Servicing VE pumps
 Spring kit

VE Sundry Parts

080175 Std pkg 5
Replacing 1464 651 008
Spring



080176 Std pkg 5
Replacing 1464 651 383
Spring



080095 Std pkg 10
Replacing 1460 283 301, -310
17 / 28.1 x 6.9 mm
Oil seal



080097 Std pkg 10
Replacing 1460 283 302, -307, -311
20 / 31.1 x 6.9 mm
Oil seal



080114
Replacing 1463 456 303
M12-1.5, calibrated outlet 0.55 mm
Hollow screw



080950
Replacing 1465 530 826, -857
Servicing VE-Pumps
Ford Transit, Iveco, Daily
Fitting cover



081050
Replacing 1463 218 303
Servicing Alfa, Fiat, Iveco, Lancia, MAN,
Renault, VW
Nylon bushing



081051
Replacing 1463 305 305
Servicing Fiat, Iveco, Lancia, MAN,
Nissan, Renault
Wire lock



081052
Replacing 1460 342 311
Servicing Fiat, Iveco, Lancia, MAN,
Renault
Middle piece



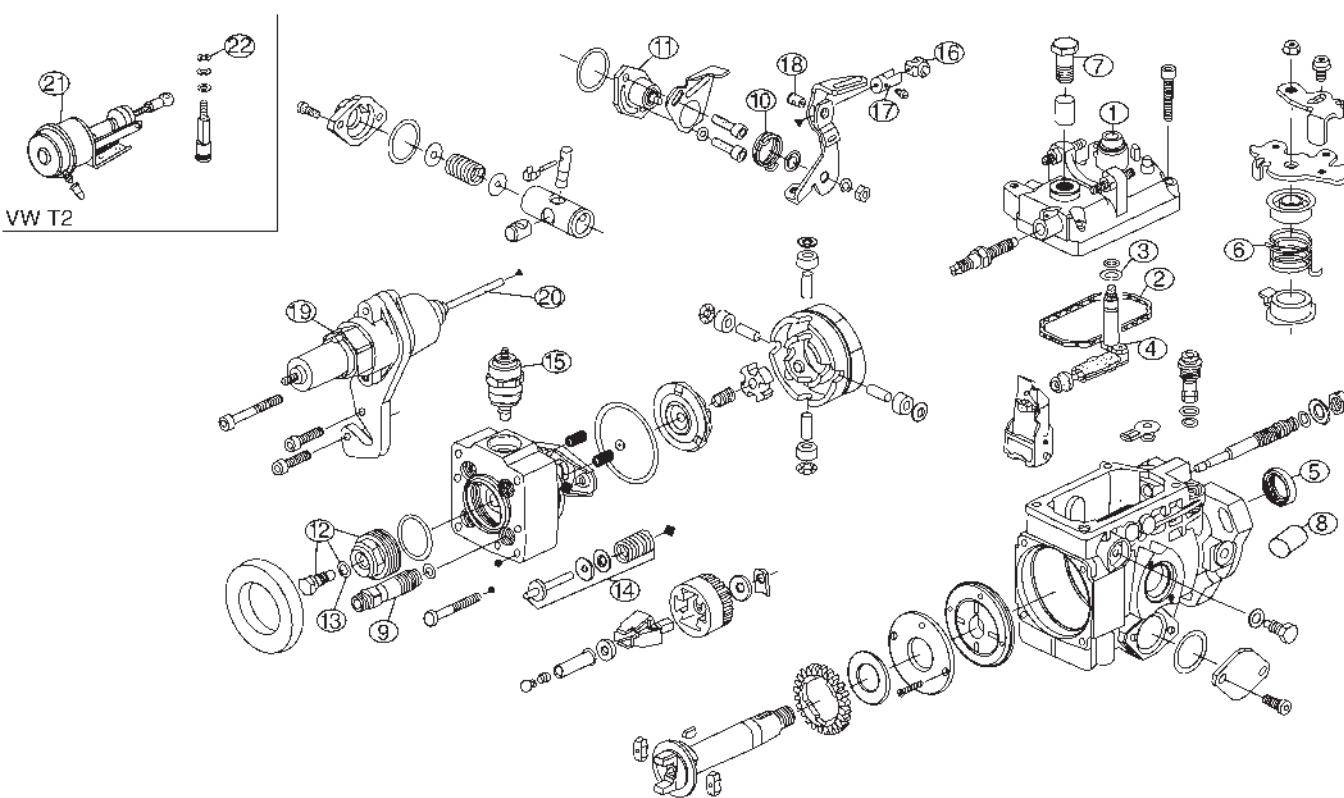
081053
Replacing 1467 202 320
Servicing Alfa, Fiat, Ford, Iveco, Lancia,
Magirus-Deutz, Nissan, Perkins, Renault
Thermostat



081054
Replacing 1460 326 326, 1463 123 476
Servicing Fiat, Iveco, MAN, Perkins,
Renault
Rod / Cable and washer kit



081058
Servicing VE-EDC pumps
Audi, BMW, Seat, Skoda, VW
„Hot“ starting device, this electronic device is
helping to start a hot engine

VE - Pump**Cargo Replacing**

1	Bushing	080161	1460 324 315
	Bushing	080162	1460 324 316
	Bushing	080163	1460 324 331
	Bushing	080164	1460 324 332
	Bushing	080165	1460 324 333
	Bushing	080232	1460 324 337
2	Gasket	080098	1460 206 303
	Gasket	080099	1460 015 300
3	O-ring	080420	1460 210 008
4	Throttle shaft	080115	1463 161 304
	Throttle shaft	080116	1463 161 308
	Throttle shaft	080117	1463 161 312
	Throttle shaft	080119	1463 161 325
	Throttle shaft	080120	1463 161 329
	Throttle shaft	080121	1463 161 342
	Throttle shaft	080122	1463 161 359
	Throttle shaft	080123	1463 161 366
	Throttle shaft	080134	1463 161 545
	Throttle shaft	080135	1463 161 592
	Throttle shaft	080136	1463 161 644
	Throttle shaft	080139	1463 161 725
	Throttle shaft	080140	1463 161 390
	Throttle shaft	080141	1463 161 377
	Throttle shaft	080142	1463 161 581
	Throttle shaft	080143	1463 161 379
	Throttle shaft	080144	1461 161 381
	Throttle shaft	080145	1463 161 383
	Throttle shaft	080146	1463 161 523
	Throttle shaft	080147	1463 161 729
	Throttle shaft	080148	1463 161 733
	Throttle shaft	080149	1463 161 778
	Throttle shaft	080150	1463 161 809
	Throttle shaft	080151	1463 161 845
	Throttle shaft	080152	1463 161 846
	Throttle shaft	080154	1463 161 597
	Throttle shaft	080155	1463 161 703
	Throttle shaft	080156	1463 161 704
	Throttle shaft	080157	1463 161 710
	Throttle shaft	080158	1463 161 712

Cargo Replacing

4	Throttle shaft	080159	1463 161 716
	Throttle shaft	080160	1463 161 722
	Throttle shaft	080683	1463 161 404
	Throttle shaft	080684	1463 161 568
	Throttle shaft	080685	1463 161 773
	Throttle shaft	080755	1463 161 596
	Throttle shaft	080828	1463 162 104
	Throttle shaft	080874	1463 162 111
	Throttle shaft	080949	1463 162 225
	Throttle shaft	080979	1463 161 807
	Throttle shaft	081112	1463 161 875
	Oil seal	080095	1460 283 301
	Oil seal	080097	1460 283 302
5	Spring	080176	1464 651 383
	Hollow screw	080114	1463 456 303
6	Bushing	080171	1460 400 004
	Bushing	080172	1460 400 014
7	Valve holder	080825	1463 370 319
	Spring	080175	1464 651 008
8	Fitting cover	080950	1465 530 826
	Plug	080174	1463 161 319
9	Plug	081104	2463 452 001
	Washer	080697	2916 710 603
10	Spring kit	081101	1467 010 053
	Spring kit	081102	1467 010 352
11	Stop solenoid	080177	0330 001 015
	Stop solenoid	080178	0330 001 016
12	Stop solenoid	080994	0330 001 043
	Stop solenoid	081000	0330 106 018
13	Stop solenoid	081001	0330 001 026
	Stop solenoid	081002	0330 106 017
14	Wire lock	081051	1463 305 305
	Middle piece	081052	1460 342 311
15	Nylon bushing	080150	1463 218 303
	Thermostat	080153	1467 202 320
16	Rod/cable kit	080154	1460 326 326
	Boostcontroller	090214	1467 212 301
17	Oil seal	080948	1460 280 301

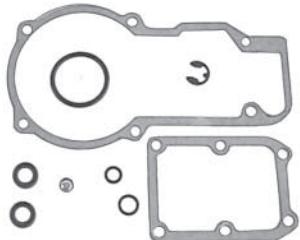
O.E.M. names and numbers are used for reference purposes only.

Governor Parts**090024**

Replacing 1427 010 002

Servicing RQ, RQV

Gasket kit

**090093**

Replacing 1427 010 010

Servicing PES . . M . M59, -MW.M59

Gasket kit RSF Governor M59 type

**090094**

Servicing PES . . M . M55, -MW.M55

Gasket kit RSF Governor M55 type

**080841**

Replacing 1423 450 900

Servicing RQ, RQV, Flyweight

Screw type

081103 Std pkg 4

Replacing 1420 026 000

Servicing RQV

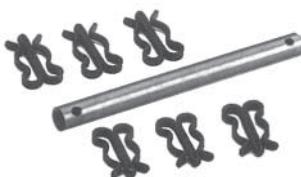
Rubber

**080074**

Replacing 1423 061 003

Servicing RQV

Throttle shaft L. 169 mm

**080842**

Replacing 2423 450 900

Servicing RQ, RQV, Flyweight

Pin type

**080072**

Replacing 1423 002 080

Servicing RQV

Throttle shaft L. 130 mm

080536

Replacing 1422 003 008

Servicing RQV

Throttle shaft

**080075** Std pkg 10

Replacing 1420 301 002

Servicing RQ, RQV

Bushing, 11 / 15 x 20 mm

**080073**

Replacing 1423 002 084

Servicing RQ, RQV

Throttle shaft L. 109 mm

**080076** Std pkg 10

Replacing 1420 301 006

Servicing RQV

Bushing, 11 / 15 x 18 mm

Governor Parts

**080077** Std pkg 10

Replacing 1420 283 001

Servicing RQV

Oil seal, 11 / 17 x 4 mm

**080078** Std pkg 10

Replacing 1900 023 005

Servicing RQV

3 / 5 x 12.5 mm

Key

**080079** Std pkg 10

Replacing 1420 560 004

Servicing RQV

Plug adjustment

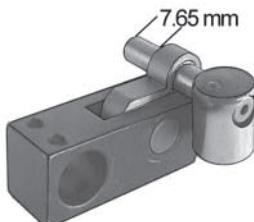
**080537** Std pkg 5

Replacing 1420 113 000

Servicing RQV

38 / 43 x 1.7 mm

Gasket for: Cargo 080079

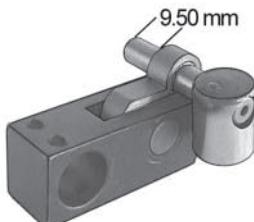
**080081**

Replacing 2422 120 052, -096

Servicing RQV

Steering lever

Lock pin: Cargo 080080

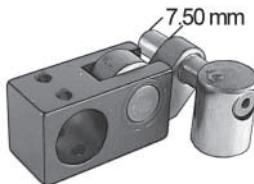
**080082**

Replacing 2422 120 064

Servicing RQV

Steering lever

Lock pin: Cargo 080080

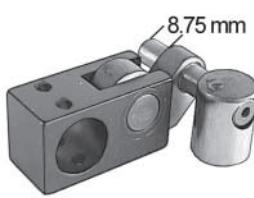
**080083**

Replacing 2422 120 058

Servicing RQV

Steering lever

Lock pin: Cargo 080080

**080592**

Replacing 2422 120 051

Servicing RQV

Steering lever

Lock pin: Cargo 080080

**080593**

Replacing 1422 001 011, -111

Servicing RQV

Steering lever

Lock pin: Cargo 080080

**080610**

Replacing 1421 332 000

Servicing RQV

Steering guide

**080612**

Replacing 1421 332 049

Servicing RQV

Steering guide

**080613**

Replacing 1421 332 077

Servicing RQV

Steering guide

Governor Parts

080619 Std pkg 10
Replacing 2421 321 009
Servicing RQV
 Lock plate



080080 Std pkg 10
Replacing 2917 540 081
Servicing RQV
 Pin 3 x 20.6 mm



080620 Std pkg 10
Replacing 2917 500 095
Servicing RQV
 Pin 4 x 16.0 mm

**Adjustment Shims
RQV**

Std pkg 10

	Thickness mm	Replacing
080615	0.20	1421 036 010
080616	0.30	1421 036 011
080618	0.50	1421 036 013
080617	0.80	1421 036 012



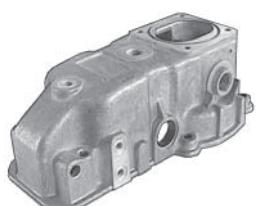
090147
Servicing RSV
 Governor 275 / 1200 - complete
 w/ small flyweight



090360
 Governor 275 / 1150 Rpm - complete
 w/ big flight weight



090361
 Governor Turbo 275 / 750 Rpm - complete
 w/ big flight weight



090026
Replacing 1425 621 010
Servicing RSV
 Cover



080086
Replacing 1422 013 036
Servicing RSV
 Throttle shaft, short type



080087
Replacing 1422 013 044
Servicing RSV
 Throttle shaft, long type

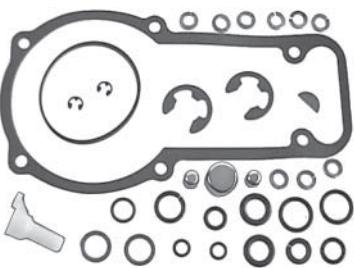


090195
Replacing 1428 194 021
Servicing RSV
 Flyweight - small



090258
Replacing 1428 194 000, -019
Servicing RSV
 Flyweight - big

Governor Parts

**090025**

Replacing 1427 010 003
Servicing RSV
 Gasket kit

**090196**

Replacing 1420 322 028
Servicing RSV
 Bearing for flyweight

**080533** Std pkg 10

Replacing 1420 328 034
Servicing RSV
 Bushing

**080534** Std pkg 10

Replacing 2420 328 030
Servicing RSV new type
 Bushing

**080725**

Replacing 1424 650 005
Servicing RSV
 Spring

**080722** Std pkg 10

Replacing 1420 500 005
Servicing RSV
 Plug for stoplever

**090164**

Replacing 1427 133 094
Servicing Mercedes
 Shut off device

**090364**

Replacing 1427 133 091
Servicing Mercedes
 Shut off device

**090365**

Replacing 1427 133 093, 0928 400 271
Servicing Mercedes
 Shut off device

**090214**

Replacing 068 130 126, 1467 212 301
Servicing VW Transporter T2
 Boostcontroller

Feed Pump Parts**080070**Replacing 9001-090A, 9041-144H
Hand primer**080071**Replacing 6223-001
Bore 14 mm, M14-1.5
Hand primer**090159**Replacing 9A384-AA
Servicing Ford
Bore 14 mm, 1/2"-20 UNF
Hand primer**080703**Replacing 9001-088
For 8 mm hose I.D.
Hand primer**Filter Parts****090071**Replacing 7111-353AS
M14-1.5 in and outlet
Filter cover**090072**Replacing 7111-353BV
1/2"-20 UNF in and outlet
Filter cover**090319**Replacing 7111-353BH
M14-1.5 thread
Filter cover - double**090320**Replacing 7111-353BR
1/2"-20 UNF thread
Filter cover - double**090316**Replacing 9001-742A, -742B, -742G
M14-1.5 in and outlet
Universal CAV filter cover w/ handpump**080783**Servicing Cargo 090316
Repair kit - handpump**080811**

Repair kit - handpump

**080852**Servicing 2-valves
Valve repair kit

Filter Parts



090194

1/2"-20 UNF in and outlet
(M14-1.5 see page 15)
Flow rate 150 Litre/h.
Complete filter house



090203

Servicing Ford Fiesta, Mondeo, Transit
For hose I.D. 8 mm
Complete filter house



090213

M14-1.5 in and outlet
Flow rate 150 Litre/h.
W/ large glass bowl
Complete filter house



090352

Replacing 6350012
Servicing Citroen (ZX, BX, Xsara, Xantia, C15, Berlingo, Jumpy), Fiat, Lancia, Peugeot (205, 306, 406, 605, Partner, Expert), Suzuki
Complet filter house



090345

Replacing 7111-353BH
M14-1.5 in and outlet
Double filter kit



090346

Replacing 7111-353BR
1/2"-20 UNF in and outlet
Double filter kit



090073

Replacing 7111-429
Glass bowl



090127

Filter bottom, aluminium



080804

Replacing 0995260
Servicing Perkins
Glass bowl



090074

Replacing 7111-403
Glass bowl



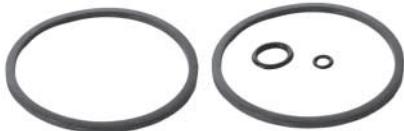
090158

Replacing 7111-680
Filter bottom



090217

Replacing 7111-541
Servicing Cargo 090213
Filter bottom

Filter Parts**081007**Replacing 7135-104
Gasket kit**080701** Std pkg 10Replacing 7111-843
80 / 88 x 3 mm
Gasket for glass bowl**080702** Std pkg 10Replacing 7111-853
77 / 84 x 3 mm
Gasket for glass bowl**080805** Std pkg 1041.5 / 54 x 3 mm
Gasket for prefilter**080465** Std pkg 10Replacing 7111-439
15 / 28 x 3 mm
Rubber drain for filter**080466** Std pkg 5Replacing 7111-860
Servicing Cargo 090071, 090072
Center bolt for filter 1/4 - 2" UNC**080862** Std pkg 5Servicing Cargo 090316
Center bolt for filter cover 1/4"-3" UNC**080946** Std pkg 5Replacing 7111-458
8 / 15.5 x 3 mm
Gasket for filter housing**080718**Replacing 7111-604
Center bolt 1/4" UNC**080719**Replacing 7111-800
Extension for center bolt 1/4" UNC**080721** Std pkg 10Replacing 7111-700
Plug for center bolt**080720** Std pkg 10Replacing 7111-458
8 / 15.5 x 3 mm
Gasket for filter housing

Filter Parts



080808 Std pkg 10

Replacing 7023-99W
M10-1.5
Air drain screw



090172

Glass for water separator



080809 Std pkg 10

Replacing 7097-81M
M14-1.5
Plug for filter cover



090173

Nut ring for water separator



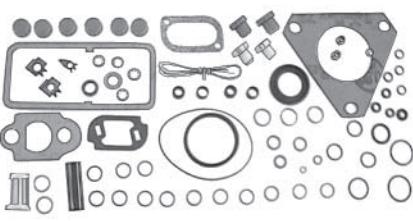
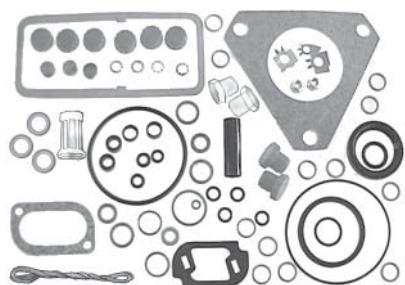
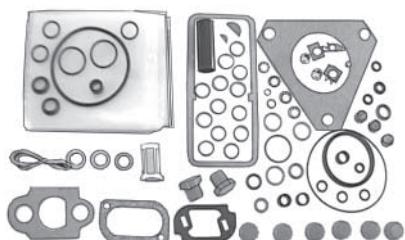
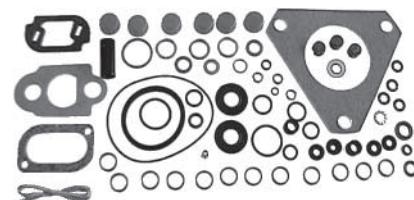
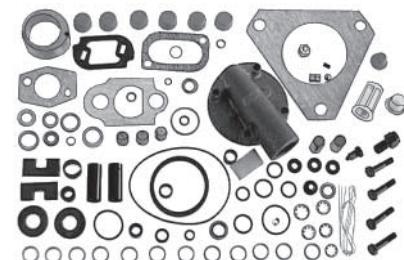
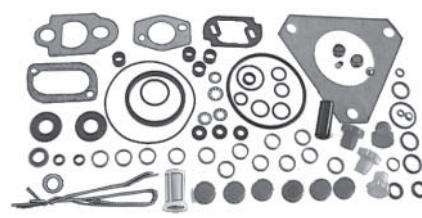
080810 Std pkg 10

Replacing 7111-312
1/2"-20 UNF
Plug for filter cover

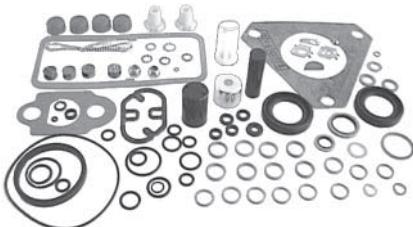


090146

1/2"-20 UNF in and outlet
(M14-1.5 see page 15)
Water separator

**Diesel Injectors
Pumps****090299**Replacing DPC Europe, R8445B334E
Servicing Citroën**Diesel Pump Parts****090045**Replacing 7135-110R
Servicing DPA**090046**Replacing 7135-111
Servicing DPA**090047**Replacing 7135-110, 9009-089A
Servicing DPA**090048**Replacing 7135-112
Servicing DPA**090050**Replacing 7135-68
Servicing DPA
See also Cargo 090051, 090052**090051**Servicing DPA, Hydraulik governor
As Cargo 090050 but
w/ filter, piston and blades**090052**Servicing DPA, Hydraulik governor
As Cargo 090050 but
w/ filter, piston, blades and end plate**090053**Replacing 7135-114
Servicing DPA

Diesel Pump Parts



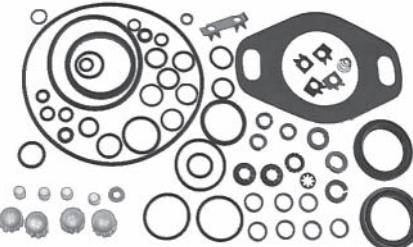
090162

Replacing 7135-113
Servicing DPA



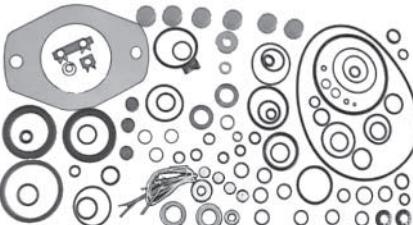
090243

Replacing 25935/4
Servicing DPA w/ uprated drive



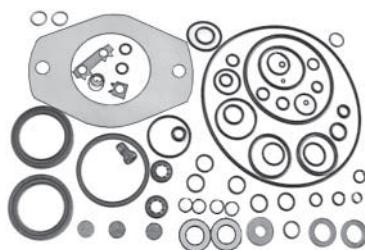
090054

Replacing 9109-13A
Servicing DPC



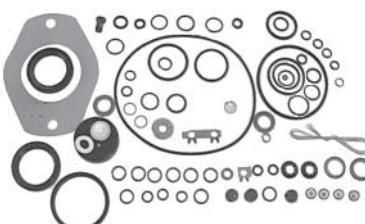
090136

Replacing 9109-210
Servicing DPC "A" w/ boost control



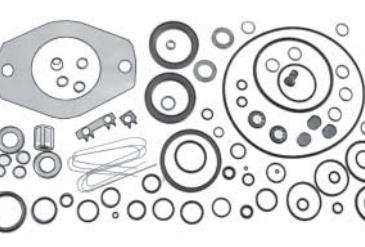
090137

Replacing 9109-220
Servicing DPC "A"



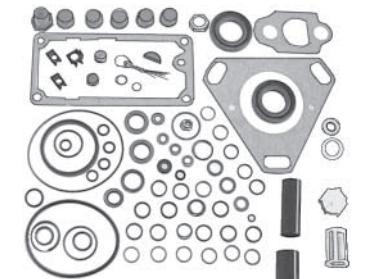
090138

Replacing 9109-230
Servicing DPC "A"



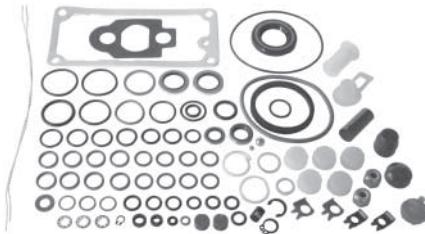
090139

Replacing 9109-240
Servicing DPC "A"



090055

Replacing 7135-124
Servicing DPS



090369

Replacing 7135-123
Servicing DPS, Ford transit



090221

Replacing 7135-237
Servicing Lucas Epic Pumps



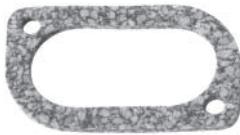
090294

Replacing 9109-750V
Servicing Lucas Epic Pumps



090321

Replacing 9109-760
Servicing Mercedes Epic Pumps

Diesel Pump Parts**080971**Replacing 7123-515A
Servicing DPA
Gasket**080933** Std pkg 5Replacing 7167-496
Servicing DPA
Gasket**081008**Replacing 9107-501
Gasket**080205** Std pkg 10Replacing 7123-287, 7180-451
Servicing DPA
Cover-gasket**080738** Std pkg 10Replacing 9007-497L
Servicing DPC
Cover-gasket**080204** Std pkg 10Replacing 7174-491
Servicing DPS
Cover-gasket**080932** Std pkg 5Replacing 7174-274A
Servicing DPS
Cover-gasket**080821**Replacing 5393-252U
Servicing DPA
O.D. 38.32 mm, I.D. 27.5 mm, Th. 6.5 mm
Oil seal**080823**Replacing 5393-252A, -B
Servicing DPA
O.D. 35.1 mm, I.D. 23.1 mm, Th. 7.0 mm
Oil seal**080817**Replacing 9107-401
Servicing DPC
O.D. 38.24 mm, I.D. 27.6 mm, Th. 6.13 mm
Oil seal**080818**Replacing 7174-856
Servicing DPS
O.D. 35.2 mm, I.D. 19.1 mm, Th. 5.26 mm
Oil seal

Diesel Pump Parts**080819**

Replacing 7174-127
Servicing DPS
 O.D. 35.2 mm, I.D. 19.1 mm, Th. 6.0 mm
 Oil seal

**081105**

Replacing 7174-127A
Servicing DP200
 O.D. 35 mm, I.D. 20 mm, Th. 6 mm
 Oil seal

**080775**

Replacing 7123-549
Servicing DPA
 Hub

**080776**

Replacing 7123-980
Servicing DPA
 Hub

**090063**

Replacing 7123-576L
Servicing DPA
 End plate, steel reinforced

**090064**

Replacing 7139-344,B
Servicing DPA
 End plate

**090149**

Replacing 7135-181
Servicing DPA
 End plate, steel reinforced

**081094**

Replacing 7135-74H
Servicing DPA
 Sleeve piston

**080814**

Replacing 7139-115
Liner DPA

**080815**

Replacing 7123-017, 7139-223
Liner DPA

**090150**

Replacing 7135-180
Servicing DPA
 End plate, steel reinforced

**080816**

Replacing 7139-540
Liner DPA

Diesel Pump Parts**080774**Replacing 9103-009, -A, -AN, -N
Liner DPC**080983**Replacing 7123-18
Servicing DPA
Rotor, right thread**080984**Replacing 7123-18A
Servicing DPA
Rotor, left thread**080614**Replacing 7123-388
Servicing DPA, DPC
Rotor vane set**080773**Replacing 7123-19
Servicing DPA
Rotor vane set**080824**Replacing 9102-929N
Servicing DPC
Rotor vane set**081108**Replacing 7135-108
Servicing DP200
Transfer blade kit**Head and Rotor**

Replacing

- 081009** 7123-340R, 7180-550R
081010 7123-340S, 7180-550S
081011 7123-340U, 7180-550U
081012 7123-345M, 7180-559M
081013 7123-345N, 7180-559N
081014 7123-345T, 7180-559T
081015 7123-345U, 7180-559U
081016 7123-345X, 7180-559X
081017 7180-593M
081018 7139-235N, 7180-593N
081019 7180-10W, -613W
081020 7180-650T
081021 7180-655K
081022 7180-19U, -668U
081023 7180-722U
081158 7139-235S, -858S (3 cylinder)

Camring

OE

Replacing

- 081024** 7123-308E
081025 7123-308F
081026 7123-308N
081027 7123-309AA
081028 7123-309C
081029 7123-309D
081030 7123-309E, 7139-783E
081031 7123-309Q
081032 7139-940E
081033 7139-940D
081034 7139-940Q
081035 7139-949Q
081036 7167-976D

Diesel Pump Parts**Roller and Shoes****Replacing**

081043 7135-72
081044 7135-72N
081045 7135-249

**080767**

Replacing 7123-490
Servicing DPA
 Metering valve

**080771**

Replacing 7123-930
Servicing DPA
 Metering valve

**080772**

Replacing 9002-258C
Servicing DPA

Metering valve

**080848** Std pkg 10

Replacing 7123-252A, 7123-252B
Servicing DPA
 Air screw for pump

**080849**

Replacing 7139-177K
 Non-return valve

**080167** Std pkg 10

Replacing 7139-339
Servicing DPA
 Hollow screw for injection outlet

**080675** Std pkg 10

Replacing 7139-560A
Servicing DPA

Hollow screw for injection outlet

**080352** Std pkg 50

Replacing 5936-332C
Servicing DPA
 9.7 / 12.7 x 1.9 mm
 Steel gasket for injection outlet

**080213**

Replacing 9100-191
Servicing DPC
 Overflow valve

**080754** Std pkg 10

Replacing 7111-135A
 Hollow screw, calibrated outlet
 Gasket: Cargo 080947

**080947** Std pkg 10

Replacing 9103-287
Servicing DPC
 O.D. 18 mm, I.D. 11 mm, Th. 2.0 mm
 CU-washer

Diesel Pump Parts

Hollow screw: Cargo 080754

**080038** Std pkg 10

Replacing 7123-351A, -B, 7240-20B
Servicing DPA
Air screw for cover

080969

Replacing 9100-560S
Servicing DPC
Diaphragm set for Boost Controller



Rubber buffers

**080990**

Replacing 7135-243, 7182-398
Servicing DPS
Collector bolt w/ ball

**081131**

Replacing 9109-109
Servicing DPC
Plug kit

**080982**

Replacing 7123-975
Servicing DPA
Advance bolt

**080991**

Replacing 7135-243
Servicing DPS
Fly press linkage

**080752**

Replacing 7243-090, 9100-561A
Servicing DPC
Diaphragm

**080967** Std pkg 12

Servicing DPC
Rivet

**080992**

Replacing 7182-298
Servicing DPS, Ford Transit
Linkage set

**080757**

Replacing 7182-580A
Servicing DPS
Diaphragm

**080968** Std pkg 12

Replacing 7123-691
Servicing DPC

**081123**

Replacing 7174-842E
Servicing DPS



Diesel Pump Parts

Latch valve



Damper

**081124**

Replacing 7182-333A
Servicing DPS
 Latch valve

N**090248**

Replacing 7139-748A
Servicing DPA
 Cover plate
Gasket: Cargo 080971

090277

Servicing Citroen, Peugeot, Renault,
 Talbot
 Cold start advance assy

**090278**

Servicing Citroen, Peugeot
 Cold start advance assy

**090350**

Replacing 7139-159A
Servicing Fiat
 Damper

N**090279**

Servicing Ford
 Cold start advance assy

**N****090351**

Replacing 7139-159B
Servicing Perkins

O-Rings

Std pkg 10

	I.D.	O.D.	Thick	CAV
080203	... 4.40	... 8.00	.. 1.80	... 5855-30B
080196	... 6.00	... 9.20	.. 1.60	... 5855-30GA
080194	... 6.00	... 9.60	.. 1.80	... 5855-30
080195	... 7.00	... 10.20	.. 1.60	... 5855-30FZ
080198	... 9.15	... 12.71	.. 1.78	... 5855-30K
080206	... 9.20	... 12.80	.. 1.80	... 5855-30GB
080197	... 9.40	... 12.92	.. 1.76	... 5855-30DQ
080200	.. 11.00	.. 14.20	.. 1.60	... 5855-30GC
080201	.. 11.00	.. 14.50	.. 1.75	... 5855-30FR
080202	.. 14.85	.. 18.45	.. 1.80	... 5855-30BB

Diesel Pump Parts**090056**Replacing 7123-888A
Servicing DPA
Cover**090057**Replacing 7123-888D
Servicing DPA
Cover**090058**Replacing 7123-888H
Servicing DPA
Cover**090059**Replacing 7123-888C, -888E
Servicing DPA

Cover

**090060**Replacing 7123-887
Servicing DPA
Cover**090229**Replacing 7180-873A
Servicing DPA
Cover

Cover

**090232**Replacing 9100-474F
Servicing DPC
Cover**090233**Replacing 9100-319
Servicing DPC
Cover**090234**Replacing 9100-320
Servicing DPC
Cover

Cover

**090231**Replacing 9100-296A
Servicing DPC**090363**Replacing 7182-501L
Servicing DPS

N

Diesel Pump Parts

Cover



080753 Std pkg 5
Servicing DPC
 Bushing for cover

Gasket: Cargo 080031



080981 Std pkg 2
Replacing 5330-344
Servicing DPA
 Nut
Gasket: Cargo 080031

**N**

081090
Replacing 7990-31, NU9-841
 Nut

**N**

081089
Replacing 5334-267A, -D
 Bolt



080963 Std pkg 10
Replacing 7182-834
 8 x 4 x 6 mm
 Rubber gasket



080596 Std pkg 10
Replacing 7123-527
Servicing DPA
 Bolt for cover



080965 Std pkg 10
Replacing 7167-746A
 10.5 x 7.5 x 6 mm
 Rubber gasket

Bearings

090061
Replacing 9109-25
Servicing DPC

Throttle Shafts**080186**Replacing 9100-178
Servicing DPC**080190 A**Replacing 7123-770E
Servicing DPA**081106**Replacing 7123-770Q
Servicing DPA**080187 A**Replacing 7174-828E
Servicing DPS**080191 A**Replacing 7123-770A
Servicing DPA
Long type**081107**Replacing 9100-221H
Servicing DPC**080188 A**Replacing 7123-770
Servicing DPA
Short type**080192 A**Replacing 7139-791A,C
Servicing DPA**080194** Std pkg 10Replacing 5855-30
6.0 / 9.6 x 1.80 mm
O-ring for throttle shaft**080189 A**Replacing 7123-770D
Servicing DPA**080193 A**Replacing 7139-791, -D
Servicing DPA**080985**Replacing 7123-724
Servicing DPA
Throttle lever

Throttle Shafts**080986**Replacing 7123-724D
Servicing DPA
Throttle lever**080987**Replacing 7123-725A
Servicing DPA
Stop lever**080988**Replacing 7123-325B
Servicing DPA
Stop lever**080940**Replacing 9108-154B
Servicing Fiat**080941**Replacing 9108-153A
Servicing Ford**080942**Replacing 9108-147C
Servicing Renault**081117**

Replacing 9108-152A

Advance Solenoids**081118**

Replacing 9100-328D

N**081119**

Replacing 9100-976N

N**081120**

Replacing 9100-898B

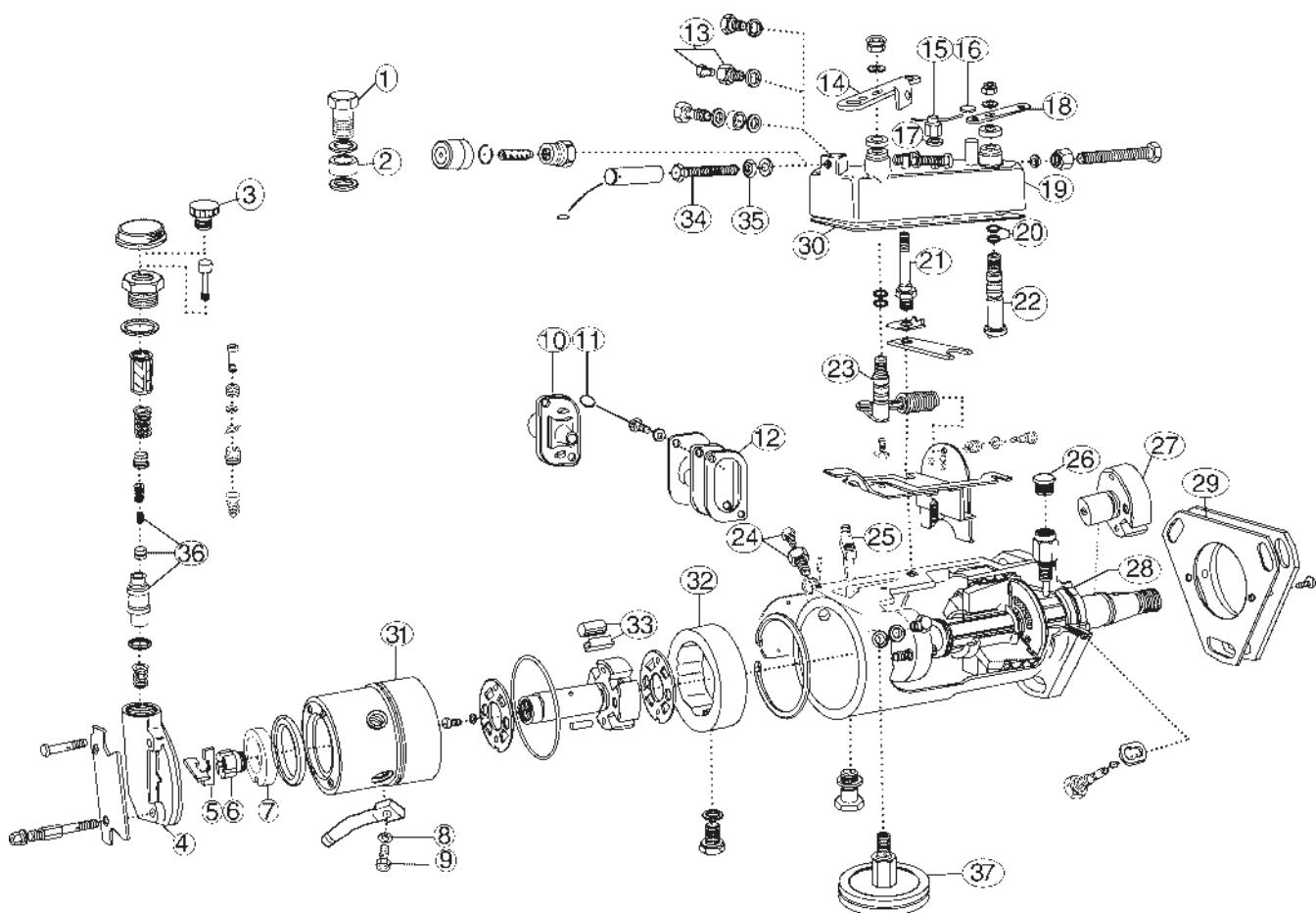
N**081121**

Replacing 9100-827F

N

Solenoids Stops**080207 A**Replacing 9009-041, -049, -073
12 V.**080208**Replacing 9009-050
24 V.**080209 A**Replacing 9145-040D
12 V.**080210 A**Replacing 7180-49C, -49D
24 V.**080211**Replacing 7180-49A, -49B
24 V.**080212 A**Replacing 7167-620C, -620D
12 V.**080595 A**Replacing 7167-620A, -620B, 7185-900W
12 V.**080929**Replacing 9109-262
Servicing DPC
12 V.**080995**Replacing 9185-900G
12 V.**080996**Replacing 9185-900H
24 V.**080998**Replacing 9108-073A
12 V.

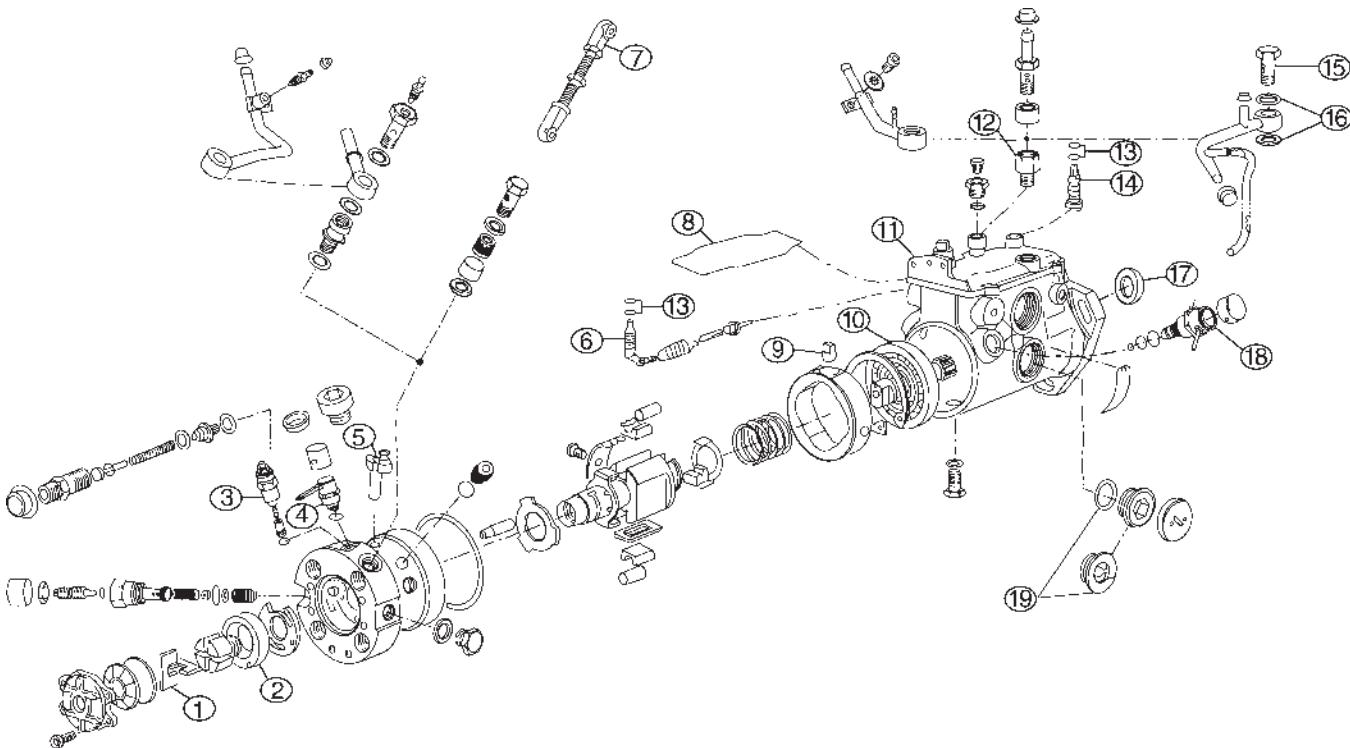
DPA - Pump



DPA - Pump
Cargo Replacing

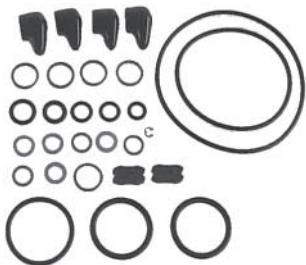
1	Hollow screw	080812
2	Protecting tube	191392
3	Protecting cap I	191858
4	End plate	090063 7123-576L
	End plate	090064 7139-344B
	End plate	090149 7135-181
	End plate	090150 7135-180
5	Transfer blades	080614 7123-388
	Transfer blades	080773 7123-19
6	Rotor	080983 7123-18
	Rotor	080984 7123-18A
7	Liner	080814 7139-115
	Liner	080815 7123-017
	Liner	080816 7139-540
	Liner	080774 9103-009-A
8	Steel gasket	080352 5936-332C
9	Non return valve	080849 7139-177K
	Hollow screw	080167 7139-339
	Hollow screw	080675 7139-560A
10	Cover plate	090248 7139-748A
11	Lead seal	081006
	Nylon seal	080750
12	Gasket	080971 7123-515A
13	Air screw	080038 7123-351A, -B
	Air screw	080848 7123-252A, -B
14	Throttle lever	080985 7123-724
	Throttle lever	080986 7123-724D
15	Nut	080981 5330-344
16	Lead seal	081006
	Nylon seal	080750
17	Gasket	080031
18	Stop lever	080987 7123-725A
	Stop lever	080988 7123-325B
19	Governor cover	090056 7123-888A
	Governor cover	090057 123-888D
	Governor cover	090058 7123-888H
	Governor cover	090059 7123-888C, -E
	Governor cover	090060 7123-887
20	O-ring	080194 5855-30
21	Bolt	080596 7123-527
22	Stop shaft	080186 9100-178
23	Throttle shaft	080188 7123-770
	Throttle shaft	080189 7123-770D
	Throttle shaft	080190 7123-770E
	Throttle shaft	080191 7123-770A
	Throttle shaft	080192 7123-791A, -C
	Throttle shaft	080193 7123-791D
	Throttle shaft	081106 7123-770Q
24	Air screw	080848 7123-252A, -B
25	Metring valve	080767 7123-490
	Metring valve	080771 7123-930
	Metring valve	080772 9002-258C
26	Protecting cap	191858
27	Hub	080775 7123-549
	Hub	080776 7123-980
28	Oil seal	080813 5393-252C, -R
	Oil seal	080821 5393-252U
	Oil seal	080823 5393-252A, -B
29	Gasket	080993 7167-496
30	Gasket	080205 7123-287

31	Head and Rotor	081009 7123-340R, 7180-550R
	Head and Rotor	081010 7123-340S, 7180-550S
	Head and Rotor	081011 7123-340U, 7180-550U
	Head and Rotor	081012 7123-345M, 7180-559M
	Head and Rotor	081013 7123-345N, 7180-559N
	Head and Rotor	081014 7123-345T, 7180-559T
	Head and Rotor	081015 7123-345U, 7180-559U
	Head and Rotor	081016 7123-345X, 7180-559X
	Head and Rotor	081017 7180-593M
	Head and Rotor	081018 7139-235N, 7180-593N
	Head and Rotor	081019 7180-10W, -613W
	Head and Rotor	081020 7180-650T
	Head and Rotor	081021 7180-655K
	Head and Rotor	081022 7180-19U, -668U
	Head and Rotor	081023 7180-722U
	Head and Rotor	081158 7139-235S, -858S
32	Camring	081024 7123-308E
	Camring	081025 7123-308F
	Camring	081026 7123-308N
	Camring	081027 7123-309AA
	Camring	081028 7123-309C
	Camring	081029 7123-309D
	Camring	081030 7123-309E
	Camring	081031 7123-309Q
	Camring	081032 7139-940E
	Camring	081033 7139-940D
	Camring	081034 7139-940Q
	Camring	081035 7139-949Q
	Camring	081036 7167-976D
33	Roller and Shoes	081043 7135-72
	Roller and Shoes	081044 7135-72N
	Roller and Shoes	081045 7135-249
34	Bolt	081089 5334-267A, -D
35	Nut	081090 7990-31, NU9-841
36	Sleeve piston	081094 7135-74H
37	Damper	090350 7139-159A
	Damper	090351 7139-159B

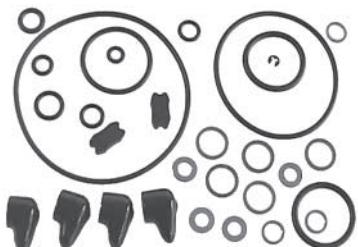
DPC - Pump**Cargo Replacing**

1	Transfer blade	080614	7123-388
	Transfer blade	080824	9102-929N
2	Liner	080774	9103-009,-A
3	Stop Solenoid	080207	9009-049
	Stop Solenoid	080212	7167-620,-C
4	Stop Solenoid	080929	9109-262
5	Metring Valve	080772	9002-258,A
6	Throttle shaft	080190	7123-770E
	Throttle shaft	081107	9120-221H
7	Linkage set	080992	7182-298
8	Gasket	080738	7174-491
9	Advance bold	080982	7123-975
10	Bearing-set	090061	9109-25
11	Governor cover	090230	9100-296
	Governor cover	090231	9100-296A
	Governor cover	090232	9100-474F
	Governor cover	090233	9100-319
	Governor cover	090234	9100-320
12	Overflow valve	080698	7111-767
	Overflow valve	080699	7111-768
	Overflow valve	080700	7111-775
13	O-rings	080194	5855-30
14	Stop lever	080186	9100-178
15	Calibrated Screw	080754	7111-135A
16	Cu-washer	080947	9103-287
17	Oil seal	080817	9107-401
18	Advance solenoid	080940	9108-154B
	Advance solenoid	080941	9108-153A
	Advance solenoid	080942	9108-147C
19	Plug kit	081131	9109-109

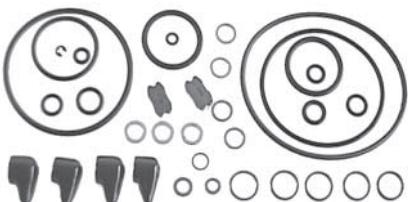
O.E.M. names and numbers are used for reference purposes only.

Diesel Pump Parts**090067**

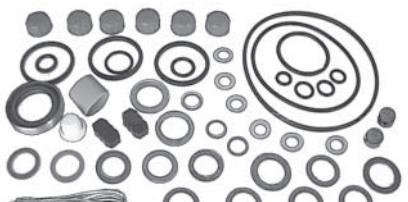
Replacing 096010-0010
Servicing VE, Mazda, Toyota
Hard rubber buffer

**090068**

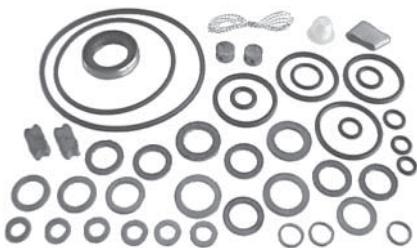
Replacing 096010-0020
Servicing VE, Mazda, Toyota
Soft rubber buffer

**090069**

Replacing 096010-0030
Servicing VE, Toyota
W/ Turbo

**090070**

Servicing VE 20 mm,
Isuzu, Nissan, Toyota

**090157**

Servicing Isuzu, Kubota, Nissan, Toyota
I.D. 20 mm, O.D. 30 mm
Gasket kit with oil seal

**080098 Std pkg 10 A**

Cover-gasket O-ring

**080953 Std pkg 5**

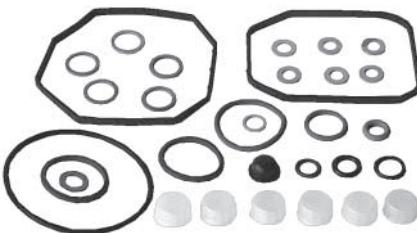
Replacing 096039-0040
20 x 30 x 7 mm
Oil seal

**090236**

Replacing 096440-0590
Servicing Toyota
Cover for Fuel Injection Pumps

VE Pump Parts**080972 A**

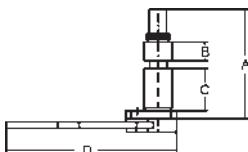
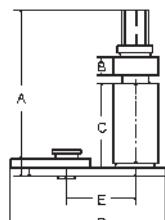
Replacing 096446-0100
Servicing Bosch, Nippondenso, Zexel
VE cover gasket

**090212**

Replacing 1466 004 620
Servicing Bosch EDC
Gasket kit

**090347**

Replacing 31974-44000
Servicing Mitsubishi, Toyota
Filter top

Throttle Shafts**080220 A**

Replacing 096450-0170
Servicing VE, Toyota

A: 42.5, B: 6.0, C: 20.0, D: 33.0, E: 15.5 mm

080221 A

Replacing 096450-0180
Servicing VE, Toyota Hi-Ace

A: 42.1, B: 6.0, C: 20.0, D: 31.0, E: 13.5 mm

**080222 A**

Replacing 096460-0132
Servicing VE, Toyota Camry

A: 35.0, B: 3.0, C: 15.0, D: 58.0 mm

**080223 A**

Replacing 096460-0141
Servicing VE, Toyota Camry Turbo

A: 35.3, B: 3.0, C: 15.0, D: 57.5 mm

**080420 Std pkg 10 A**

6.5 / 10.5 x 2 mm
O-ring for throttle shafts

**Solenoids Stops****080177**

Replacing 096030-0070
12 V.

**080178**

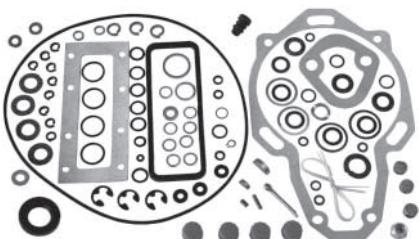
Replacing 096030-0170
24 V.

**080680**

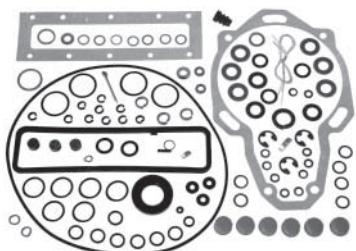
Replacing 096010-0500
12 V.
W/ filter

**080681**

Replacing 096010-0510
24 V.
W/ filter

Diesel Pump Parts**090222**

Replacing 506800, -801
Servicing Ford Tractor / Marine
 Simms Minimec 4 cyl.
 Gasket kit

**090223**

Replacing 506806, -807
Servicing Ford Tractor / Marine
 Simms Minimec 6 cyl.
 Gasket kit

Delivery Valves**Cargo**

Replacing
Cav / Lucas

- 080973** 507468-1
- 080974** 507503-1
- 080975** 507511-1
- 080976** 507504-1
- 080977** 505912
- 080978** 504661

Bearings**080861** Std pkg 2

Replacing 20084
 20 / 47 x 12 mm.

Governor Parts**090244**

Replacing 506791
 Fly weight kit

**080956**

Replacing Cav 500745
Servicing Minimec
 Fly weight

**080957**

Replacing Cav 501112
Servicing Minimec
 Plate

Diesel Pump Parts**090242**

Replacing 24370A
Servicing DB 2
 Gasket kit

**090341**

Replacing 24371
Servicing DB JDB
 Gasket kit

**090342**

Replacing 22508, 24373
Servicing DB 2, Industrial
 Gasket kit

**090343**

Replacing 24370V
Servicing DB 4, DM, JD, Agriculture
 Gasket kit

090344

Replacing 33702
Servicing DB 4
 Gasket kit

**080966**

Replacing 20511, 21192
Servicing DB-GF type
 Transfer-pump blade

**081140**

Replacing 20512, 20512S, 21191, 21193
 Transfer-pump blade - oversize

081141

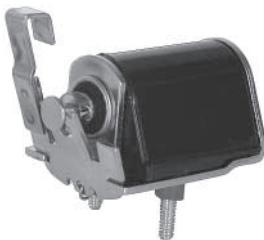
Replacing 20803, 21798
 Transfer-pump blade - low viscosity fuel

081142

Replacing 20804, 33500
 Transfer-pump blade - low viscosity fuel,
 oversize

Solenoid Stops**080873**

Replacing ST26214
 12 V.

**080926**

Replacing ST26387
 24 V.

Diesel Pump Parts**Diesel Injection Pumps - Single****090303**

Servicing Yanmar air cooled single cylinder
Engine type YDLL, YPFE-M
Element O.D. 5.5 mm
Delivery valve O.D. 4.1 mm

Injectors**100597**

Servicing Yanmar air cooled single cylinder
Engine type YDLL, YPFE-M
Fitted with a nozzle DLLA 150P224,
opening pressure 196 bar.

**090304**

Servicing Yanmar air cooled single cylinder
Engine type YDLL, YPFE-M
Element O.D. 6.5 mm
Delivery valve O.D. 4.5 mm

**100598**

Servicing Yanmar air cooled single cylinder
Engine type YDLL, YPFE-M
Fitted with a nozzle DLLA 150P224,
opening pressure 196 bar.

Diesel Injection Pumps



090237

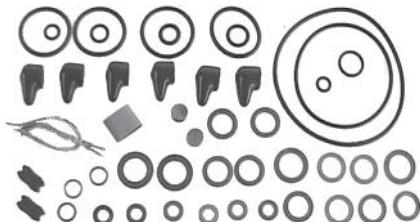
Replacing 104780-7250
Servicing Hyundai 33103-42980
Code VE 4/10 F 2000 RNP 2155



090238

Replacing 104745-4890, -7940, -9070
Servicing Hyundai H1, 33103-42360
Code VE 4/10 F 2100 RNP 1837

Diesel Pump Parts



090065

Replacing 146600-1120
Servicing VE, Isuzu, Nissan, Toyota



090066

Replacing 145099-0520
Servicing EP/VM, Kubota, Mazda,
Nissan, Toyota, Yanmar



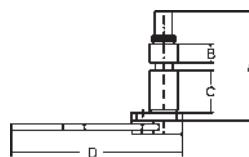
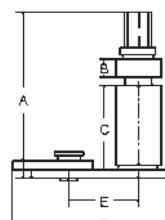
090077

Replacing 146600-2420
Servicing VE, Mazda



080098 Std pkg 10 **A**
Cover-gasket O-ring

Throttle Shafts



080215 **A**

Replacing 146513-2020, 9461 613 632
Servicing VE, Nissan

A: 39.0, B: 6.0, C: 16.0, D: 59.3 mm



080218 **A**

Replacing 146510-1720, 9461 610 261
Servicing VE, Mitsubishi Shogun

A: 35.1, B: 3.0, C: 15.0, D: 58.5 mm



080420 Std pkg 10 **A**
Servicing VE
6.5 / 10.5 x 2 mm
O-ring for throttle shafts

Solenoid Stops**080177 A**Replacing 146650-0720, -1220,
9461 610 530
12 V.**080178 A**Replacing 146650-0820, -1320
24 V.**080680**12 V.
W/ filter**080681**24 V.
W/ filter

Vacuum Pump Parts**080853**

Repair kit for vacuum pumps

Electrical Pumps

Pressure Conversion Table

Bar	PSI	Column Fuel	Column Diesel
0.50	7.2	6.7 mtr.	5.6 mtr.
0.45	6.4	6.0 mtr.	5.0 mtr.
0.40	5.7	5.4 mtr.	4.5 mtr.
0.35	5.0	4.7 mtr.	3.9 mtr.
0.30	4.3	4.0 mtr.	3.4 mtr.
0.25	3.6	3.3 mtr.	2.8 mtr.
0.20	2.9	2.7 mtr.	2.2 mtr.
0.15	2.2	2.0 mtr.	1.7 mtr.
0.10	1.4	1.3 mtr.	1.1 mtr.
0.05	0.7	0.7 mtr.	0.6 mtr.

Suction Pumps

To be mounted in engine compartment.
 The pump is self-priming and stops when no fuel demand exists.
 W/ electronic contacts.
 Fitting instruction included.



W/ waterproof electrical connections.
 VW approved for oil drain on marine engines.



070184

Universal, 12 V.

Fuel terminal:
2 tube terminals O.D. 8 mm. swivelling approx 220°.

Fuel delivery capacity:
Max. 120 Litre/h.

Pressure head:
Max. 0.1 bar = 1.3 mtr.

Suction head:
Max. 0.2 bar = 2.7 mtr.

070019

Universal, 12 V.

Fuel terminal:
2 screw terminals R-1/4" at an angle of 60°.

Fuel delivery capacity:
Max. 120 Litre/h.

Pressure head:
Max. 0.10 bar = 1.3 mtr.

Suction head:
Max. 0.20 bar = 2.7 mtr.

Servicing Bobcat etc.



070021

Universal, 12 V.

Fuel terminal:
2 tube terminals O.D. 8 mm. swivelling approx 220°.

Fuel delivery capacity:
Max. 120 Litre/h.

Pressure head:
Max. 0.10 bar = 1.3 mtr.

Suction head:
Max. 0.20 bar = 2.7 mtr.

Electrical Pumps

Pressure Pumps

To be mounted near the tank.
The pump is self-priming and stops when no fuel demand exists.
W/ electronic contacts.
Fitting instruction included.



070032

Universal, 12 V.

Fuel terminal:
2 tube terminals O.D. 8 mm. swivelling approx 220°.

Fuel delivery capacity:
Max. 120 Litre/h.

Pressure head:
Max. 0.25 bar = 3.3 mtr.

Suction head:
Max. 0.10 bar = 1.3 mtr.

070078

Universal, 12 V.

Fuel terminal:
2 tube terminals O.D. 8 mm. swivelling approx 220°.

Fuel delivery capacity:
Max. 125 Litre/h.

Pressure head:
Max. 0.35 bar = 4.7 mtr.

Suction head:
Max. 0.12 bar = 1.5 mtr.

070107

Universal, 24 V.

Fuel terminal:
2 tube terminals O.D. 8 mm. swivelling approx 220°.

Fuel delivery capacity:
Max. 125 Litre/h.

Pressure head:
Max. 0.35 bar = 4.7 mtr.

Suction head:
Max. 0.12 bar = 1.5 mtr.



070143

Servicing Thermo King, Carrier.

Universal, 12 V.

Fuel terminal:
2 tube terminals O.D. 1/8 NPSF in and outlet.

Fuel delivery capacity:
Max. 155 Litre/h.

Pressure head:
Max. 0.7 bar = 7.3 mtr.

Suction head:
Max. 0.12 bar = 1.5 mtr.

Accessories for Cargo 6103W



070183

Replacing Thermo King 10-262.
Filter kit.



N

070161

12 V. 1.4-5.7 Psi. (0.1-0.4 kg.)
Fuel delivery capacity: **80-150 Litre/h.**
8 mm. hose connection.



Interrupter Pumps

Universal

Built in Pressure Relief: assures an immediate return to zero pressure when the ignition is turned off.
Prevents flooding and assures satisfactory restarting on the hottest days.
Vertical mounting near tank is preferred.
The pump is self-priming and stops when no fuel demand exists.
To 1.1 mtr. fuel lift.
Tube terminal 6 mm.
Fitting instruction included.

Fuel delivery capacity:
113.5 Litre/h.

Tested at:
+60° C.

If higher fuel deliveries are required,
two or more pumps can be manifolded
in series and/or parallel hook-ups.



070003

Universal.
12 V. 4-5 Psi.

070004

Universal.
24 V. 4-5 Psi.

070134

Servicing New Holland.
Universal.
12 V.
Inlet / outlet 3/4" thread.

070058

Servicing Thermo King etc.
12 V. 7-9.5 Psi.

Electrical Pumps**Solid State Pumps****070169**

Universal.
12 V. Max. 7.5 Psi.
Inlet / outlet 1/8"-27 thread.

070176

Universal, high performance.
12 V.
Red dot marked.
Fuel delivery capacity: **173 Litre/h.**

Accessories**070177**

Filter.
Servicing 070003, 070004, 070134,
070058, 070169, 070176.

**070076**

Servicing Refrigeration units etc.
12 V. 8.5-12.5 Psi. (0.6 - 0.9 kg.)
W/ integral filter.
Fuel delivery capacity: **94 Litre/h.**

**Fuel Pumps Posi-Flo**

(Solid state pumps).
Universal.

Built in Pressure Relief: assures an immediate return to zero pressure, when the ignition is turned off. Prevents flooding and assures satisfactory restarting on the hottest days.

For cars w/ fuel-pressure. Not injection.
To be mounted near the tank.
The solid state pump is self priming to 30 cm. fuel lift.
Tube terminal O.D. 6 mm.
W/ electronic contacts.
Fitting instruction included.

**070056**

Servicing Caterpillar, IH/Case etc.
24 V. 4½-6 Psi. (0.3 - 0.45 kg.)
Fuel delivery capacity: **113.5 Litre/h.**

070057

Servicing Thermo King etc.
12 V. 10 Psi. (0.7 kg.)
Fuel delivery capacity: **30 Litre/h.**

070187

12 V. 1.5-4 Psi. (0.1 - 0.3 kg.).
Fuel delivery capacity: **95 Litre/h.**
Inlet / outlet 1/8"-27 thread
Included Hose nipples Cargo 070009

070188

12 V. 4-7 Psi. (0.3 - 0.5 kg.).
Fuel delivery capacity: **132 Litre/h.**
Inlet / outlet 1/8"-27 thread
Included Hose nipples Cargo 070009

Electrical Pumps**070189**

12 V. 1.5-4 Psi. (0.1 - 0.3 kg).
Fuel delivery capacity: **95 Litre/h.**
Inlet / outlet 8 mm hose I.D.

N**070190**

12 V. 4-7 Psi. (0.3 - 0.5 kg).
Fuel delivery capacity: **132 Litre/h.**
Inlet / outlet 8 mm hose I.D.

N**070191**

12 V. 7-10 Psi. (0.5-0.7 kg).
Fuel delivery capacity: **139 Litre/h.**
Inlet / outlet 8 mm hose I.D.

N**Diesel Pump kit****070162**

12 V. pump self priming
Fuel delivery cap. : **40 L/min.**
Pressure: **Max 1.1 BAR**
Motorspeed 2800 Rpm 16 Amp
Supplied with: 2 m wire w/ clip,
2.5 m suction tube w/ filter, 2.5 m deliver
tube w/ pistol
CE marked

N**070175**

Same as Cargo 070162 but 24 V.

Hose Nipples**070009** Std pkg 100 **A**

1/8"
For 6 mm hose I.D.

**070077** Std pkg 25 **A**

1/8"-27 NPTF.
For 6 mm. hose I.D.

**080955** Std pkg 10 **A**

1/8"-27 NPTF.
For 8 mm hose I.D.

**070067** Std pkg 25 **A**

1/4".
For 10 mm. hose I.D.

Hose Nipples

080857 Std pkg 10
1/2"-20 UNF
For 8 mm. hose I.D.



080854 Std pkg 10 **A**
M14-1.5
For 8 mm. hose I.D.



080875 Std pkg 10
M16-1.5
For 11 mm. hose I.D.



080960 Std pkg 10 **A**
1/2"-20UNF
For 10 mm hose I.D.



080959 Std pkg 10 **A**
M14-1.5
For 10 mm hose I.D.



080958 Std pkg 10 **A**
M18-1.5
For 10 mm hose I.D.



080855 Std pkg 10 **A**
1/2"-R20
For 10 mm. hose I.D.



080858 Std pkg 10 **A**
M16-1.5
For 8 mm. hose I.D.



070181
90°.
1/8"-27 NPTF.
For 8 mm. hose I.D.



080954 Std pkg 10 **A**
M14-1.5
For 6 mm hose I.D.



070070 Std pkg 25 **A**
M16-1.5
For 10 mm. hose I.D.

Coupling Parts



080601 Std pkg 10
Replacing 507674
Servicing DAF
 O.D. 126 mm, I.D. 66 mm, Holes 12.1 mm



080600 Std pkg 10
Replacing 1410 136 005
Servicing Mercedes, Scania
 O.D. 94 mm, I.D. 44 mm, Holes 11.1 mm



080749 Std pkg 10
Replacing 4882440
Servicing Fiat
 O.D. 108 mm, I.D. 40 mm, Holes 14 mm



080598 Std pkg 10
Replacing 4531680
Servicing Fiat
 O.D. 78 mm, I.D. 38 mm, Holes 10.5 mm



080597 Std pkg 10
Replacing 2411 098 074
Servicing Scania
 O.D. 115 mm, I.D. 52, Holes 15.1 mm



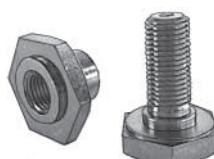
080801 Std pkg 10
Servicing Volvo
 O.D. 116 mm, I.D. 64 mm, Holes 12.1 mm



080602 Std pkg 10
Replacing 4538013
Servicing IVECO
 O.D. 100 mm, I.D. 48 mm, Holes 10.5 mm



080599 Std pkg 10
Replacing 1410 136 007
Servicing Scania
 O.D. 110 mm, I.D. 52 mm, Holes 13.1 mm



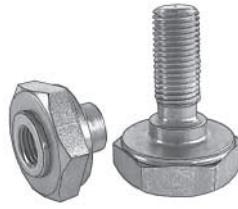
080605
Replacing 946470, 945408
Servicing Volvo
 Bolt for coupling



080603 Std pkg 10
Servicing Leyland
 O.D. 100 mm, I.D. 48 mm, Holes 12.8 mm



080604 Std pkg 10
Replacing 3410 190 500
Servicing Scania
 O.D. 114 mm, I.D. 62 mm, Holes 12.8 mm



080606
Servicing Volvo
 Bolt for coupling

Coupling Parts**080607**

Replacing 2410 322 502, 103500
Servicing Scania
10 x 13/19 x 4.4 mm, Guide bushing

**080608**

Replacing 2410 320 076, 202023
Servicing Scania
12 x 15/21 x 5.3 mm, Guide bushing

**080609**

Servicing Volvo
8 x 12/24 x 8 mm, Guide bushing

Solenoid Shutdown - Kits**Externally Switched**

Each kit contains all of the necessary parts: solenoid, mounting bracket, hardware, linkage, complete installation drawings, instructions and parts lists.

**090095**

Servicing Bosch RSV 12 V.
Left mounted

Pull current: 46 Amp.
Hold current: 1.1 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

090096

Servicing Bosch RSV 12 V.
Right mounted

Pull current: 46 Amp.
Hold current: 1.1 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

090099

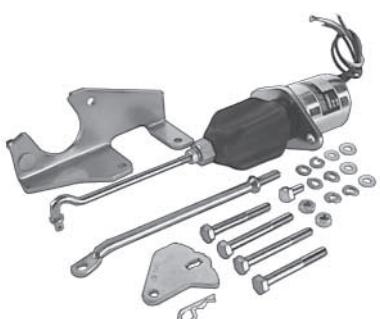
Servicing Bosch RSV 24 V.
Left mounted

Pull current: 25 Amp.
Hold current: 0.5 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

090100

Servicing Bosch RSV 24 V.
Right mounted

Pull current: 25 Amp.
Hold current: 0.5 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

**090103**

Servicing Nippondenso, Zexel 12 V.
Left mounted

Pull current: 55 Amp.
Hold current: 1.1 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

**090107**

Servicing Bosch RQV-K 12 V.
Left mounted

Pull current: 55 Amp.
Hold current: 1.1 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

090104

Servicing Nippondenso, Zexel 12 V.
Right mounted

Pull current: 55 Amp.
Hold current: 1.1 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

090108

Servicing Bosch RQV-K 24 V.
Left mounted

Pull current: 29 Amp.
Hold current: 0.6 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

090105

Servicing Nippondenso, Zexel 24 V.
Left mounted

Pull current: 29 Amp.
Hold current: 0.6 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

090106

Servicing Nippondenso, Zexel 24 V.
Right mounted

Pull current: 29 Amp.
Hold current: 0.6 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

Solenoid Shutdown - Kits**Internally Switched****090097**

Servicing Bosch RSV 12 V.
Left mounted

Pull current: 46 Amp.
Hold current: 1.1 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

090098

Servicing Bosch RSV 12 V.
Right mounted

Pull current: 46 Amp.
Hold current: 1.1 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

090101

Servicing Bosch RSV 24 V.
Left mounted

Pull current: 25 Amp.
Hold current: 0.5 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

090102

Servicing Bosch RSV 24 V.
Right mounted

Pull current: 25 Amp.
Hold current: 0.5 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons

Solenoid Shutdown**Externally Switched****090109**

Replacing 1502 ES 12C3U1B2S1
12 V. DC, insulated, screw terminals.
M6 threaded plunger.

Pull current: 30 Amp.
Hold current: 0.7 Amp.
Pull rating: 40 Newtons at 25.4 mm
Hold rating: 89 Newtons
Return spring: 9 Newtons

090110

Replacing 1502 ES 24C3U1B2S2
24 V. DC, insulated, screw terminals.
M6 threaded plunger.

Pull current: 17 Amp.
Hold current: 0.25 Amp.
Pull rating: 40 Newtons at 25.4 mm
Hold rating: 89 Newtons
Return spring: 17 Newtons

**090111**

Replacing 2001 ES 12E3U1B2S2
12 V. DC, insulated, screw terminals.
M6 and 1/4" threaded plunger included.

Pull current: 44 Amp.
Hold current: 0.6 Amp.
Pull rating: 75 Newtons at 25.4 mm
Hold rating: 178 Newtons
Return spring: 35 Newtons

090113

Replacing 2001 ES 24E3U1B2S2
24 V. DC, insulated, screw terminals.
M6 and 1/4" threaded plunger included.

Pull current: 23 Amp.
Hold current: 0.3 Amp.
Pull rating: 75 Newtons at 25.4 mm
Hold rating: 178 Newtons
Return spring: 35 Newtons

**090199**

Replacing SA 4180-12
12 V. DC, insulated, push/pull model,
dual coil design, for pull coil.
M6 threaded plunger.

Pull current: 46 Amp.
Hold current: 1.1 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons
Return spring: 17 Newtons

090200

Replacing SA 4182-24
24 V. DC, insulated, push/pull model,
dual coil design, for pull coil.
M6 threaded plunger.

Pull current: 18 Amp.
Hold current: 4.0 Amp.
Pull rating: 67 Newtons at 25.4 mm
Hold rating: 178 Newtons
Return spring: 17 Newtons

**090370**

Replacing SA 4899-12
Servicing Kubota
Energized to run
12 V.

Pull current: 46 Amp.
Hold current: 1.1 Amp.

Replacing SA 4899-24
Servicing Kubota
Energized to run
24 V.

Pull current: 25 Amp.
Hold current: 0.5 Amp.

Solenoid Shutdown**Externally Switched** *continued***090312**

Replacing SA 4781-24

Servicing Deutz

24 V.

W/ coil commander. M6 threaded plunger.

Pull current: 62 Amp.

Hold current: 0.9 Amp.

Pull rating: 129 Newtons at 25.4 mm

Hold rating: 182 Newtons

Return spring: 8-14 Newtons

**090348**

Replacing 1751 ES 12A3ULB1S1A

12 V. M6 threaded plunger.

Syncro-start solenoid

Pull current: 46 Amp.

Hold current: 1.1 Amp.

Pull rating: 111 Newtons at 25.4 mm

Hold rating: 182 Newtons

Return spring: 4-8 Newtons

**090368**

Replacing SA 4744-12

12 V. Cable model

Syncro-start solenoid

Pull current: 61.8 Amp.

Hold current: 0.86 Amp.

Pull rating: 129 Newtons at 25.4 mm

Hold rating: 182 Newtons

**090281**

Replacing SA 4527, 11033954

Servicing Volvo

24 V.

M6 threaded plunger

Push current: 25 Amp.

Hold current: 0.5 Amp.

Push rating: 89 Newtons at 25.4 mm

Hold rating: 236 Newtons

090267

Replacing SA 4646, 11110030

Servicing Volvo

24 V.

Cable L. 1.2 mtr.

Pull current: 39 Amp.

Hold current: 0.8 Amp.

Pull rating: 129 Newtons at 25.4 mm

Hold rating: 182 Newtons

**090226**

Replacing SA 4228-24

Servicing Volvo

24 V.

Pull current: 25 Amp.

Hold current: 0.5 Amp.

Pull rating: 111 Newtons at 25.4 mm

Hold rating: 182 Newtons

Return spring: 7 Newtons

Solenoid Shutdown**Internally Switched****090160**

Replacing 1502 12C3U1B1S1A
12 V. DC, insulated, screw terminals.
Aux. terminal. M6 threaded plunger.

Pull current: 30 Amp.
Hold current: 0.7 Amp.
Pull rating: 40 Newtons at 25.4 mm
Hold rating: 89 Newtons
Return spring: 9 Newtons

**090210**

Replacing 1751 12A2U1BS1A
12 V. DC, insulated, screw terminals.
Aux. terminal. M6 threaded plunger.

Pull current: 46 Amp.
Hold current: 1.1 Amp.
Pull rating: 89 Newtons at 25.4 mm
Hold rating: 178 Newtons
Return spring: 9 Newtons

**090206**

Replacing SA 4564, -4817, -4920
Servicing Yanmar Diesel
12 V.

090161

Replacing 1502 24C3U1B1S2A
24 V. DC, insulated, screw terminals.
Aux. terminal. M6 threaded plunger.

Pull current: 17 Amp.
Hold current: 0.25 Amp.
Pull rating: 40 Newtons at 25.4 mm
Hold rating: 89 Newtons
Return spring: 17 Newtons

**090297**

Replacing 1751 24A2U1BS1A
24 V. DC, insulated, screw terminals.
Aux terminal. M6 threaded plunger.

Pull current: 46 Amp.
Hold current: 1.1 Amp.
Pull rating: 107 Newtons at 25.4 mm
Hold rating: 169 Newtons
Return spring: 7-11 Newtons

**090216**

Replacing SA 4569T, 1503ES 12A 5UC5S
Servicing Kubota
12 V.

Pull current: 30 Amp.
Hold current: 0.7 Amp.
Pull rating: 44 Newtons at 25.4 mm
Hold rating: 85 Newtons
Return spring: 17 Newtons

**090224**

Replacing SA 3405T-12, 1502 12C7U2B2S7
12 V. 2 terminals. M6 threaded plunger

Pull current: 17 Amp.
Hold current: 0.25 Amp.
Pull rating: 40 Newtons at 25.4 mm
Hold rating: 89 Newtons
Return spring: 17 Newtons

**090225**

Replacing SA 4934
Servicing Perkins
12 V.

090168

Replacing 2001 12E3U1B2S2
12 V. DC, insulated, screw terminals.
Aux. terminal. M6 threaded plunger.

Pull current: 44 Amp.
Hold current: 0.6 Amp.
Pull rating: 75 Newtons at 25.4 mm
Hold rating: 178 Newtons
Return spring: 35 Newtons

**090169**

Replacing 2001 24E3U1B2S2
24 V. DC, insulated, screw terminals.
Aux. terminal. M6 threaded plunger.

Pull current: 23 Amp.
Hold current: 0.3 Amp.
Pull rating: 75 Newtons at 25.4 mm
Hold rating: 178 Newtons
Return spring: 35 Newtons

Solenoid Shutdown



090228

Replacing SA 4562T, 1503ES 12 S5UC5S
Servicing Yanmar motors
12 V.



090268

Replacing SA 5019
Servicing Kubota 5 series
12 V.
W/ coil commander



090334

Replacing 1751 12B7XU1S2A, SA 3991-12
Servicing Sisu Diesel 8366 40253
12 V.
Syncro-start solenoid

Pull Coil Timer Modules

The pull current is stamped on the Pull Coil Timer Module.
The solenoid must not exceed the pull current indicated on the module.
Installation instructions included.



090115

(3-wire) 12 V.



090116

(3-wire) 24 V.

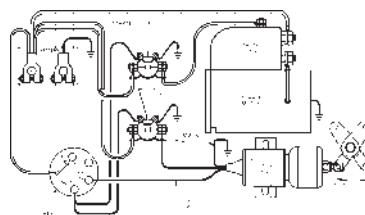
Adaptor



192417

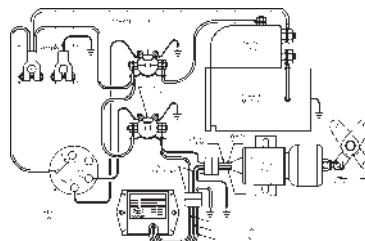
Hex coupling nut
L. 18 mm, M6
Spanner size 10 mm

Three methods for turning off the pull coil.



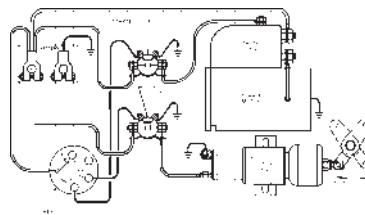
1. External Switching

The externally switched (3-wire) solenoid is used in applications where an operator/driver manually turns a key switch that temporarily energizes the pull coil to pull in the plunger. The most popular applications is for start-stop control of engines in trucks, and mobile equipment where moisture, dirt and high vibration are present. The sealed 3-wire solenoid is well suited for these harsh conditions.



2. External Switching with timer

With the addition of a Pull Coil Timer Module, the externally switched (3-wire) solenoid can be used not only in operator/driver controlled vehicles, but also in unattended equipment, throttle and choke controls. The timer ensures that the pull coil is turned off within ½ second after energizing, which prevents over-heating of the coil in situations such as abusive overcranking of an engine.



3. Internal Switching

The internally switched solenoid utilizes a mechanical, double contact switch, mounted on the rear of the solenoid to turn off the pull coil. Best suited for applications such as standby generator sets or other applications where vibration, dirt, moisture and excessive cycling are not present.

Solenoid Shutdown**Shut Off Solenoids****090318**Replacing ES612AM3TG
12 V.
Electrostart

Pull current: 37 Amp.
 Hold current: 0.65 Amp.
 Pull rating: 98 Newtons at 32 mm
 Hold rating: 245 Newtons
 Return spring: 45 Newtons

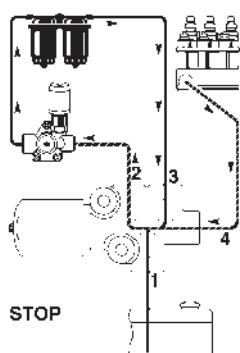
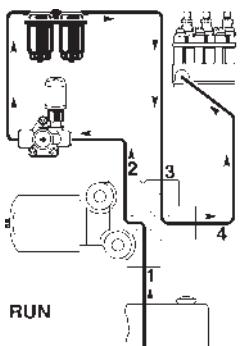
090317Replacing ES622AM3TG
24 V.
Electrostart

Pull current: 20 Amp.
 Hold current: 0.3 Amp.
 Pull rating: 98 Newtons at 32 mm
 Hold rating: 245 Newtons
 Return spring: 45 Newtons

With 3 and 4 way Shut off Solenoids, all fuel lines remain full of diesel for easy starting.
 Installation instructions are included.

**081046**12 V.
3 way**081047**

As Cargo 081046, but 24 V.



4 way Shut off Solenoids can be connected so that they are either:

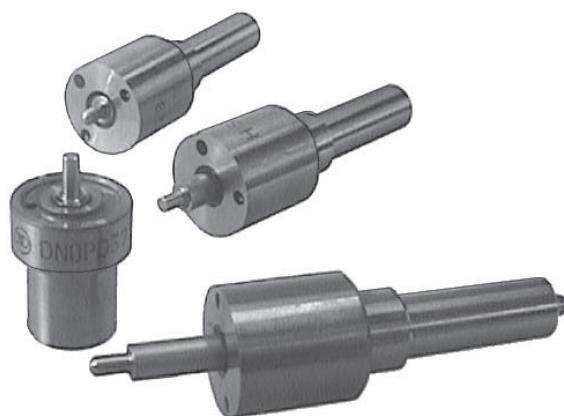
1. Energized to run
 2. Energized to stop
- Installation instructions are included.

**081048**12 V.
4 way**081049**

As Cargo 081048, but 24 V.

**080952**12 V. 20 Ohm.
Diesel flow 2.4 Ltr./min
For hose connection I.D. 8 mm
Fuel shut off solenoid**080962**24 V. 45 Ohm.
Diesel flow 3.4 Ltr./min.
For hose connection I.D. 10 mm
Fuel shut off solenoid**Electro Valve****080787** M12-1.5 12 V.**080788** M12-1.5 24 V.**080789** 1/2"-20 UNF 12 V.**080790** 1/2"-20 UNF 24 V.**080791** M14-1.5 12 V.**080792** M14-1.5 24 V.

Nozzles


Std pkg 10

Type	Cargo
6801017	100609
BDLL150S6781CF	100576
DLL140S522	100361
DLL140S610	100360
DLL18S418	100393
DLLA124S1001	100356
DLLA134S999	100357
DLLA136S1000	100358
DLLA140S1003	100362
DLLA140S563	100359
DLLA140S976	100363
DLLA141S662	100364
DLLA142S791	100365
DLLA142S792	100366
DLLA142S1266	100620
DLLA144S485	100368
DLLA144S747	100369
DLLA144S842	100370
DLLA144S889	100367
DLLA145S1169	100582
DLLA145S448	100372
DLLA145S507	100371
DLLA145S770	100373
DLLA146S890	100374
DLLA149S774	100375
DLLA149S775	100376
DLLA150P22	100415
DLLA150P224	100599
DLLA150P602	100424
DLLA150P77	100421
DLLA150S178	100382
DLLA150S186	100383
DLLA150S187	100378
DLLA150S204	100380
DLLA150S269	100381
DLLA150S527	100377
DLLA150S548	100387
DLLA150S549	100386
DLLA150S582	100384
DLLA150S682	100379
DLLA150S720	100525
DLLA150S781	100385
DLLA150S838	100388
DLLA150S975	100613
DLLA152P8	100413
DLLA154S324N413....	100389

Type	Cargo
DLLA154S334N419....	100390
DLLA155P28	100416
DLLA155P84	100422
DLLA160S295ND147 .	100406
DLLA160S787	100392
DLLA25S722	100394
DLLA28S656	100395
DLLA35S161	100396
DLLA79S390	100391
DN0P4	100411
DN0PD20	100414
DN0PD31	100420
DN0PD37	100417
DN0PDN112	100492
DN0PDN113	100572
DN0PDN121	100574
DN0SD126	100341
DN0SD1510	100343
DN0SD189/	100453
DN0SD193	100342
DN0SD1930	100350
DN0SD193D1	100407
DN0SD21	100351
DN0SD211	100345
DN0SD2110	100349
DN0SD220	100344
DN0SD230	100346
DN0SD240	100355
DN0SD256	100450
DN0SD259	100451
DN0SD261	100347
DN0SD263	100454
DN0SD264	100455
DN0SD265	100352
DN0SD269	100457
DN0SD273	100462
DN0SD274	100463
DN0SD286	100464
DN0SD288	100466
DN0SD293	100348
DN0SD294	100564
DN0SD297	100471
DN0SD299	100608
DN0SD308	100610
DN0SD310	100626
DN0SD321	100607

Type	Cargo
DN0SDN187	100490
DN0SDND136	100402
DN0SDND277	100409
DN10PD41	100423
DN10PDN130	100573
DN12SD12	100353
DN12SD1750	100452
DN12SDND214	100408
DN15PD6	100412
DN15PD609	100425
DN20PD42	100419
DN4PD1	100410
DN4PD38	100418
DN4PD57	100575
DN4PD98	100588
DN4PDN117	100584
DN4S1	100340
DN4SD24	100354
DN4SDND133	100400
DN4SDND135	100401
DN4SDND142	100404
DN4SDND146	100405
DN4SDND62	100397
DN4SDND90	100398
DSLA134P772	100602
DSLA145P300	100603
DSLA145P763	100604
DSLA148P591	100605
DSLA150P357	100621
DSLA150P502	100606
DSLA150P745	100612
DSLA150P764	100611
RDN12SDC6849C	100508
RDN12SDC6862D	100509
RDNOSDC6577B	100503
RDNOSDC6751	100504
RDNOSDC6751C	100505
RDNOSDC6843C	100506
RDNOSDC6850C	100507

PVC Nozzle

29252-016	100554
39252-010	100551
39252-011	100552
39252-013	100553

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

Nozzle Holder Parts**Pencil Injectors**

Std pkg 10

Cargo Replacing

- | | |
|--------------|----------------------|
| 100567 | ST 27333 |
| 100568 | ST 26993, ST 27336 |
| 100569 | ST 26632 Orange spot |
| 100570 | ST 26964 White spot |
| 100571 | ST 22808 |
| 100617 | ST 30675 Green |
| 100618 | ST 30678 Red |
| 100623 | ST 33408 Blue |

100585

Replacing 9430 610 007, 105141-2240
Servicing KCA-S
 Complet injector fitted w/ a
 Nozzle: DN0SD193
 Opening pressure: 135 bar
 Injector

**081145**

Replacing KCA 30SD36/4
Servicing Audi, Fiat, Mercedes, VW
 Injector body

**100586**

Replacing 9430 613 169, 105148-1160
Servicing KCA-P
 Complet injector fitted w/ a
 Nozzle: DN0PDN112
 Opening pressure: 125 bar
 Injector

**080717**

Replacing 0430 211 041
Servicing KCA 30SD27/4
 Nozzle holder

**081060**

Replacing 0430 211 048, KCA 30S36/4
Servicing Fiat, Lancia, Mercedes,
 Renault, VW
 Nozzle holder

**080224** Std pkg 5

Replacing 2434 614 010
Servicing KCA, Mercedes, Opel, VW
 Spring

**081066**

Replacing 2434 614 047
 Spring for nozzle holder

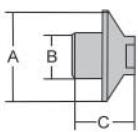
**081143**

Replacing 2434 619 047
Servicing BMW, Citroen, Opel, VW
 Spring

**081144**

Replacing 2434 619 048
Servicing Peugeot, VW, Volvo
 Spring

Nozzle Holder Parts



080331 Std pkg 10 
Replacing 2433 124 161
Servicing KCA
Thrust pin
A: 11 B: 5 C: 7 mm



080332 Std pkg 10 
Replacing 2433 124 013, -162
Servicing KCA
Thrust pin
A: 13.5 B: 6 C: 15 mm



080333 Std pkg 10 
Replacing 2433 120 112
Servicing KBEL, KDEL
Thrust pin
A: 9 B: 4.5 C: 5.5 mm



080334 Std pkg 10 
Replacing 2433 124 011, -035
Servicing KCA
Thrust pin
A: 11 B: 5 C: 11 mm



080335 Std pkg 10 
Replacing 2433 124 038
Servicing KBAL
Thrust pin
A: 9.5 B: 4 C: 8 mm



080336 Std pkg 10 
Replacing 2433 124 007
Servicing KBEL, KDEL
Thrust pin
A: 9.5 B: 4 C: 8 mm



080337 Std pkg 10 
Replacing 2433 124 294, -445
Servicing KBAL
Thrust pin
A: 9.5 B: 3.7 C: 7.5 mm



081065 Std pkg 10 
Replacing 2433 124 306, -352, -388
Servicing KBEL, KDEL
Thrust pin
A: 9 B: 4.6 C: 6 mm



081110 Std pkg 10 
Replacing 2433 124 288, -344, -446
Servicing KBAL, KDAL
Thrust pin
A: 7 B: 2.6 C: 6 mm



080338 
Replacing 2430 136 078, -166
Servicing KBEL, KDEL
Injector spacer
A: 9.5 B: 4 C: 8 mm



080339 
Replacing 2430 136 031
Servicing KBA, KCA, KDA
Injector spacer



080340 Std pkg 10 
Replacing 2430 136 015, -202
Servicing KBAL, KDAL
Injector spacer



080341 
Replacing 2430 136 105
Servicing KCA
Injector spacer



080342 Std pkg 10 
Replacing 2430 136 145
Servicing KCA
Injector spacer



080343 
Replacing 2430 136 085
Servicing KBEL, KDEL
Injector spacer



Nozzle Holder Parts**080344 A**

Replacing 2430 136 017, -191
Servicing KDAL
Injector spacer

**080345 A**

Replacing 2430 136 079, -167
Servicing KBE
Injector spacer

**080346 A**

Replacing 2430 136 159
Injector spacer

**080348 A**

Replacing 2430 136 171
Injector spacer



080349 Std pkg 10
Replacing 2430 410 003
3 x 8 mm
Pin for injector spacer

**080350** Std pkg 10

Replacing 2430 410 005
2.5 x 9 mm
Pin for injector spacer

**080464** Std pkg 10

Stud for nozzle holder

**080461** Std pkg 50

Replacing 403 016 01 61
Servicing MAN, Mercedes
Rubber cap

**081128**

Replacing A3529970540
Servicing Mercedes OM 366 LA
Rubber protection for injector pipes

**080462** Std pkg 50

Servicing Mercedes
Blind stud for 3.2 and 3.5 mm hose.
Use w/ Cargo 090293

**080467** Std pkg 50

Servicing Mercedes
Blind rubber cap

**081129**

Replacing 2430 223 003
Servicing Opel
Injector seal kit

**080670** Std pkg 10

Replacing 2430 100 040
Servicing KBL
12.0 x 8.0 x 1.0 mm, Steel gasket

Injector Nuts



080234 Std pkg 5
Replacing 2433 458 131, -334
Servicing BMW



080359 Std pkg 5
Replacing 2433 314 053
Servicing Fiat



080364 Std pkg 5
Replacing 2433 349 115
Servicing Scania



080355 Std pkg 5
Replacing 2433 314 153
Servicing Deutz, MAN, Mercedes



080360 Std pkg 5
Replacing 2433 314 065
Servicing Volvo

080365 = 080376



080356 Std pkg 5
Replacing 2433 314 042, 2433 349 452
Servicing KHD, Scania, Volvo



080361 Std pkg 5
Replacing 2433 314 165
Servicing Kubota, Scania, Volvo



080366 Std pkg 5
Replacing 2433 314 023
Servicing Scania



080357 Std pkg 5
Replacing 2433 314 034
Servicing Fiat



080362 Std pkg 5
Replacing 2433 314 187
Servicing Ford



080367 Std pkg 5
Replacing 2433 349 135, -208
Servicing Mercedes



080358 Std pkg 5
Replacing 2433 314 044
Servicing I.H.



080363 Std pkg 5
Replacing 2433 349 110
Servicing Fiat



080368 Std pkg 5
Replacing 2433 349 225
Servicing Fiat

Injector Nuts

080369 Std pkg 5
Replacing 2433 458 119
Servicing Fiat, Opel, Peugeot



080375 Std pkg 5
Replacing 2433 458 124
Servicing Opel, Citroen, Peugeot



081004
Replacing 2433 314 182
Servicing Volvo Penta



080370 Std pkg 5
Replacing 2433 458 117
Servicing Mercedes



080376 Std pkg 5
Replacing 2433 349 030, 2433 458 140,
-156, -307, 000 017 2916
Servicing Mercedes



081005
Replacing 2433 458 148, -311
Servicing Fiat, Mercedes, Renault, VW



080371 Std pkg 5
Replacing 2433 458 123
Servicing Mercedes



080377 Std pkg 5
Replacing 773.812
Servicing Fiat



080373 Std pkg 5
Replacing 2433 462 001
Servicing Scania



080383 Std pkg 5
Replacing 2433 314 057
Servicing Scania



080374 Std pkg 5
Replacing 4030 170 271
Servicing Mercedes



080993
Replacing 2433 349 155, -236
Servicing Mercedes, MAN

Nozzle Holder Parts**081041**Hose 100 cm
Overflow kit 4 cyl.

N

**081042**Hose 100 cm
Overflow kit 5 cyl.

N

081097Replacing F00V C14 012
Servicing Mercedes

N

**081039**

Overflow nippel 90°

N

081098

Servicing Alfa Romeo, Fiat

N

**081040**Replacing 1928 403 577
Overflow nippel T

N

081099

Servicing Iveco Daily

N

Injector Nuts**081095**

Servicing PSA

N

**081096**

Servicing Peugeot

N

**081097**Replacing F00V C14 012
Servicing Mercedes

N

**081098**

Servicing Alfa Romeo, Fiat

N

**081099**

Servicing Iveco Daily

N

Nozzle Holder Parts**081064**Replacing 6702505C
Servicing Lucas
Nozzle holder**081061**Replacing 2645L301
Servicing Perkins
Nozzle holder**081062**Replacing 2645L302
Servicing Perkins
Nozzle holder**080716**

Injector body

**080341 A**Replacing 7169-380
Injector spacer**080347 A**Replacing 7169-408
Injector spacer**080463** Std pkg 10Servicing CAV
Stud for nozzle holder**080467** Std pkg 50Servicing Mercedes
Blind rubber cap**081122**Replacing 33817114
Servicing Ford
Injector dust protection**080945** Std pkg 10Replacing 81806277
Servicing Ford
Cork-gasket

Injector Nuts



080369 Std pkg 5
Replacing 7169-394
Servicing Fiat, Opel, Peugeot



080382 Std pkg 5
Replacing 7169-487
Servicing Ford



080378 Std pkg 5
Replacing 7008-198C
Servicing Ford, Rover



080951
Replacing 7008-187
Servicing Fordson Major



080379 Std pkg 5
Replacing 7008-443A
Servicing Perkins



081063
Servicing Cargo 081062

N



080380 Std pkg 5
Replacing 7008-443K
Servicing Perkins



080381 Std pkg 5
Replacing 7008-443P
Servicing Perkins

Nozzle Holder Parts**080353 A**

Replacing 150524-0600
W. 9.35 mm
Injector spacer

**080459 Std pkg 10 A**

Servicing Isuzu
12 / 19.5 x 1 mm
Injector washer, Copper

**080457 Std pkg 10 A**

Replacing 093245-0140, 23654-64010
Servicing Mitsubishi, Nissan, Toyota
12 / 18.5 x 1 mm
Injector washer, Aluminium

**080458 Std pkg 10 A**

Replacing 23654-46010
Servicing Toyota
12.5 / 22.5 x 1 mm
Injector washer, Aluminium

**080351 Std pkg 20 A**

Replacing 093245-0040
Servicing Nippondenso
12.6 / 23 x 1 mm
Injector washer, Aluminium

**080389 Std pkg 10 A**

Replacing 9431 610 156
Servicing Nissan
12.1 / 23 x 1 mm
Injector washer, Copper

**080460 Std pkg 10 A**

15 / 25.5 x 1 mm
Injector washer, Aluminium

**080723 Std pkg 10 A**

Replacing 16635-J5570
Servicing Nissan
12.2 / 22 x 1 mm
Injector washer, Copper

**080778 Std pkg 10 A**

Replacing 093245-0110
Servicing Nippondenso
12 / 22.5 x 1 mm
Injector washer, Aluminium

**080779 Std pkg 10 A**

Replacing 23654-46010
Servicing Nissan
12 / 23.5 x 1 mm, Aluminium
Injector washer, (improved version)

Overflow**keywidth outlet****080582 A 24 mm 1****080581 A 27 mm 1****keywidth outlet****080584 A 24 mm 2****080583 A 27 mm 2****keywidth outlet****080586 A 24 mm 3****080585 A 27 mm 3**

Flame Arresters

080039 Std pkg 10 **A**
Replacing 1410 501 070
Servicing KHD, MAN, Mercedes
 23.65 / 5.5 x 3.55 mm
 Steel



080231 Std pkg 10 **A**
Replacing 1167 601 455
Servicing Alfa Romeo
 21 / 5.4 x 12.9 mm
 Steel



080236 Std pkg 10 **A**
Replacing 11178-56010
Servicing Toyota
 13.4 / 7.1 x 1.1 mm
 Brass



080385 Std pkg 10 **A**
Replacing 1410 501 074
Servicing Bukh, Hatz
 24.6 / 8.25 x 3.8 mm
 Steel



080386 Std pkg 10 **A**
Replacing 1410 501 075
Servicing IHC, KHD
 23.85 / 8.25 x 3.45 mm
 Steel



080388 Std pkg 25 **A**
Replacing 9431 610 360, 2430 190 002,
Servicing Citroen, Nissan, Opel,
 Peugeot, Zexel
 13.6 / 7.3 x 1.3 mm, Steel



080390 Std pkg 20 **A**
Replacing 1410 501 072, 4 447 218,
Servicing Audi, Bukh, Fiat, VW
 20.15 / 5.5 x 3.5 mm
 Steel



080392 Std pkg 10 **A**
Replacing 617 017 02 60, -03 60
Servicing Mercedes
 20.2 / 7.5 x 2.45
 Steel



080393 Std pkg 10 **A**
Replacing 4.279.493
Servicing Fiat
 20.15 / 5.5 x 13 mm
 Steel



080394 Std pkg 10 **A**
Replacing 821701
Servicing Opel
 21.5 / 7.35 x 14.55 mm
 Steel



080395 Std pkg 10 **A**
Replacing 571.099
Servicing Fiat
 21 / 5.5 x 9.55 mm
 Steel



080397 Std pkg 20 **A**
Replacing 2430 501 006, 6140095
Servicing Ford
 20 / 7.7 x 2.7 mm
 Copper



080398 Std pkg 20 **A**
Servicing Peugeot, Citroen
 13.8 / 7.3 x 1.4 mm
 Steel



080399 Std pkg 10 **A**
Servicing Daihatsu
 21.7 / 7.5 x 3.9 mm
 Brass



080400 Std pkg 10 **A**
Servicing Opel, Isuzu
 19 / 9 x 7.5 mm
 Copper

Flame Arresters**080401** Std pkg 10 **A****Servicing** Mitsubishi
18 / 10.7 x 4.4 mm
Copper**080406** Std pkg 25 **A****Servicing** Toyota
14.3 / 8.5 x 1.1 mm
Brass**080411** Std pkg 10 **A****Servicing** Toyota
16 / 10 x 4 mm
Copper**080402** Std pkg 20 **A****Servicing** Opel, Isuzu
17.5 / 11 x 5.4 mm
Copper**080407** Std pkg 25 **A****Servicing** Peugeot
13.9 / 6.4 x 1.7 mm
Steel**080412** Std pkg 10 **A****Servicing** Toyota
14 / 7.3 x 4 mm
Copper**080403** Std pkg 10 **A****Servicing** Isuzu
15 / 7 x 6.7 mm
Copper**080408** Std pkg 25 **A****Servicing** Citroen
13.9 / 5.2 x 1.1 mm
Steel**080413** Std pkg 10 **A****Servicing** Ford
21.6 / 7.3 x 14.5 mm
Steel**080404** Std pkg 25 **A****Servicing** Isuzu
11.5 / 4.9 x 1.25 mm
Steel**080409** Std pkg 10 **A****Replacing** 9432 361 400
Servicing Isuzu, Opel
21.5 / 7.35 x 13.4 mm
Steel**080416** Std pkg 10 **A****Replacing** 11177-54011
Servicing Toyota
14 / 10 x 1.6 mm
Steel**080405** Std pkg 25 **A****Servicing** Opel
13.8 / 7.1 x 1.3mm
Brass**080410** Std pkg 10 **A****Servicing** Isuzu
14 / 7.3 x 4.8 mm
Copper**080417** Std pkg 20 **A****Replacing** 11177-64010, MD 070718
Servicing Toyota
10.8 / 7.8 x 1.5 mm
Copper

Flame Arresters

**080419** Std pkg 10 Replacing 11177-56010
Servicing Toyota
14 / 8.8 x 1.3 mm
Brass**080421** Std pkg 10 Replacing 821627
Servicing Opel
17.25 / 6.3 x 4.5 mm
Steel**080423** Std pkg 10 Servicing Mercedes
20.3 / 7.6 x 2.5 mm
Steel**080676** Std pkg 10Replacing ME001017
Servicing Mitsubishi
15.9 / 9.8 x 4.5 mm
Copper**080677** Std pkg 10 Replacing 11176-87301
Servicing Daihatsu
21.5 / 7. x 3.95 mm
Brass**080689** Std pkg 10Replacing 16626-43G00, 9431 610 604
Servicing Nissan
11 / 7 x 1.5 mm
Copper**080732** Std pkg 20 Replacing 2430 501 004
Servicing Ford, Mercedes
20 / 10.1 x 2.6 mm
Steel**080736** Std pkg 20 Replacing 601 017 0060, 16626-0M900
Servicing Mercedes, Nissan
20 / 7.9 x 2.85 mm
Steel zinc plated**080748** Std pkg 10 Replacing 7700690543
Servicing Renault Megane
21.45 / 5.4 x 15
Steel**080764** Std pkg 10Replacing 11176-56020
Servicing Toyota
17.00 / 7.7 x 2.6 mm
Brass**080989** Std pkg 10Replacing 1981-36
Servicing Citroen, Peugeot
9.5 / 10.8 x 4 x 1.3 mm
Steel**081055** Std pkg 10Replacing 611 017 0060
Servicing Mercedes
Th. 1.56 mm (Std.)
Copper**081067** Std pkg 5Replacing 611 017 0360
Servicing Mercedes
Th. 1.76 mm (1st oversize)
Copper**081068** Std pkg 5Replacing 611 017 0460
Servicing Mercedes
Th. 1.96 mm (2nd oversize)
Copper**081100** Std pkg 10Replacing 9000-507
Servicing Renault Kangoo
Steel

Thermal Washers


	Std pkg 10	Copper	O.D.	I.D.	Th.
			mm	mm	mm
080425A			15.0	7.5	2.0
080426A			15.0	8.0	1.0
080428A			15.0	10.0	2.0
081109					
080431A			16.3	10.0	1.5
080432A			18.0	10.0	1.0
080433A			18.0	10.0	1.5
080434A			18.0	12.0	2.0
080435A			18.0	15.0	0.5
080436A			19.0	10.0	2.0
080439A			20.0	7.2	1.5
080440A			20.0	10.0	0.5
080441A			20.0	10.0	1.0
080442A			20.0	10.0	1.5
080443A			20.0	10.0	2.0
080446A			20.0	14.3	2.0
080447A			20.0	14.0	2.5
080448A			20.0	15.3	2.0
080452A			22.0	10.0	0.7
080453A			22.0	10.0	1.0



080009 Std pkg 100
Replacing 726381
Servicing Iveco
 14 / 10 x 1 mm
 Copper



080296 Std pkg 10 **A**
Replacing 5339-401
Servicing CAV
 20.5 / 10 x 2 mm
 Copper



080387 Std pkg 10
Replacing 2430 105 012
Servicing Fiat, Iveco
 18.9 / 14.3 x 2 mm
 Copper



080414 Std pkg 10 **A**
Replacing 11176-36010
Servicing Toyota
 20 / 15 x 2.8 mm
 Brass



080415 Std pkg 10 **A**
Replacing 11176-56010, -56018
Servicing Toyota
 20.5 / 15.5 x 2.8 mm
 Brass



080418 Std pkg 10 **A**
Replacing 11176-64010
Servicing Toyota
 18 / 12.6 x 2.5 mm
 Brass



080424 Std pkg 10 **A**
Replacing 9431 610 005, 16625-43G00
Servicing Nissan
 17.5 / 10.8 x 1.7 mm
 Copper



080427 Std pkg 10 **A**
Replacing 2430 105 046, 6128929
Servicing Ford
 15 / 8 x 2 mm
 Copper



080429 Std pkg 10 **A**
Servicing Land Rover
 Common rail
 15.7 / 7.5 x 1.5 mm
 Copper



080430 Std pkg 10 **A**
Replacing 5339-423, NW5-43W4
Servicing CAV
 21 / 14.5 x 1.5 mm
 Copper



080437 Std pkg 10 **A**
 19 / 10 x 0.3 mm
 Aluminium



080438 Std pkg 10 **A**
 19 / 10 x 0.3 mm
 Conical
 Copper



080444 Std pkg 10 **A**
Replacing 821204
Servicing Opel
 20 / 14 x 1.8 mm
 Copper

Thermal Washers**080449** Std pkg 10 **A****Servicing** Deutz
20.5 / 9.3 x 2.6 mm
Steel/Asbestos (contain no asbestos)**080450** Std pkg 10 **A****Replacing** 2430 105 044
Servicing BMW 524, Bosch
21.5 / 17.5 x 1.5 mm
Copper
See also Cargo 080777**080451** Std pkg 10**Replacing** 7008-850
Servicing CAV
22 / 9.3 x 0.8 mm
Copper**080454** Std pkg 10 **A****Servicing** Leyland
22.5 / 9.5 x 0.4 mm
Copper**080456** Std pkg 10 **A****Replacing** 16635-J2000
Servicing Nissan
14.5 / 6.8 x 1.0 mm
Copper**080688** Std pkg 10 **A****Replacing** 9431 610 274, 16625-V0702
Servicing Bosch, CAV, Nissan
22.5 / 14.5 x 1.4 mm
Copper**080691** Std pkg 10**Replacing** 2430 105 009
Servicing Bosch, Cummins, Mercedes
601-2-3
14.95 / 7.35 x 1.5 mm
Copper**080692** Std pkg 10**Replacing** 2430 105 020
Servicing Bosch
18.7 / 9.75 x 2 mm
Copper**080697** Std pkg 10**Replacing** 2916 710 603
Servicing Bosch
11.1 / 8.1 x 0.9 mm
Copper**080705** Std pkg 10**Replacing** MD070717
Servicing Mitsubishi
17.9 / 12.3 x 1.4
Copper**080733** Std pkg 10**Replacing** 1821105
Servicing Ford
11.1 / 8.2 x 1 mm
Aluminium**080734** Std pkg 10**Replacing** 9431 610 282, 16625-05E00
Servicing Bosch, Nissan
20.8 / 14.4 x 1.4 mm
Copper**080739** Std pkg 10**Replacing** 81873921, 1813921
Servicing Ford
13.8 / 7.4 x 1.55 mm
Copper

Thermal Washers

080740 Std pkg 10
Replacing 81806142, 1806142
Servicing Ford
16.8 / 9.2 x 1.55 mm
Copper



080802 Std pkg 10
Replacing 1981-05
Servicing Citroen, Peugeot
21.2 / 15.6 x 2.25 mm
Copper

Copper



081114 Std pkg 10
Servicing Renault Scenic 2.0 TD
Common rail
7.5 x 15 x 3 mm
Copper



080761 Std pkg 10
Replacing 1981-33
Servicing Peugeot Boxer
20 / 17 x 1.5 mm
Copper



080803 Std pkg 10
Replacing 9186401, 046130219A
Servicing Audi, Volvo, VW, TDi
12.9 / 8.3 x 2.50 mm
Copper



081115 Std pkg 10
Replacing F00V C17 503
Servicing Cummins, Dodge, Hyundai (all models), Iveco Tector
Common rail
7.75/7.15 x 15 x 1.5 mm
Copper



080763 Std pkg 10
Servicing Peugeot
20.5 / 15.7 x 2 mm
Copper



080961 Std pkg 10
Replacing D144KV, 1981-22
Servicing Citroen, KHD, Peugeot
21.5 / 14.4 x 2.1 mm
Copper



080777 Std pkg 10
Replacing 2430 105 032, 2430 105 044
Servicing Bosch
21.2 / 17.1 x 1.7 mm
Conical, Copper
See also Cargo 080450



081088 Std pkg 10
Replacing 2430 105 049, 451 997 0745
Servicing Mercedes Actros, KHD
8.4 x 14.9 x 0.8/1.65 mm
Copper



080782 Std pkg 10
17.6 / 10.5 x 1 mm
Copper



081113 Std pkg 10
Replacing 7703 062 072
Servicing Renault Megane
Common rail
7.6 x 13 x 2.5 mm

Nozzle Holder Parts

Adjustment Shims for
Nozzle Holders

Std pkg 20 (* Std pkg 100)

	O.D. mm	I.D. mm	Th. mm
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080507A	6.80	3.20	1.00
080508A	6.80	3.20	1.05
080509A	6.80	3.20	1.10
080510A	6.80	3.20	1.15
080511A	6.80	3.20	1.20
080512A	6.80	3.20	1.25
080513A	6.80	3.20	1.30
080514A	6.80	3.20	1.35
080515A	6.80	3.20	1.40
080516A	6.80	3.20	1.45
080517A	6.80	3.20	1.50
080518A	6.80	3.20	1.55
080519A	6.80	3.20	1.60
080520A	6.80	3.20	1.65
080521A	6.80	3.20	1.70
080522A	6.80	3.20	1.75
080523A	6.80	3.20	1.80
080524A	6.80	3.20	1.85
080525A	6.80	3.20	1.90
080526A	6.80	3.20	1.95
080527	6.80	3.20	2.00
080486A	7.25	3.00	1.00
080487A	7.25	3.00	1.05
080488A	7.25	3.00	1.10
080489A	7.25	3.00	1.15
080490A	7.25	3.00	1.20
080491A	7.25	3.00	1.25
080492A	7.25	3.00	1.30
080493A	7.25	3.00	1.35
080494A	7.25	3.00	1.40
080495A	7.25	3.00	1.45
080496A	7.25	3.00	1.50
080497A	7.25	3.00	1.55
080498A	7.25	3.00	1.60
080499A	7.25	3.00	1.65
080500A	7.25	3.00	1.70
080501A	7.25	3.00	1.75
080502A	7.25	3.00	1.80
080503A	7.25	3.00	1.85
080504A	7.25	3.00	1.90
080505A	7.25	3.00	1.95
080506A	7.25	3.00	2.00
080707*	7.50	3.50	0.05
080708*	7.50	3.50	0.10
080709*	7.50	3.50	0.20

080876A	8.50	3.00	0.80
080877A	8.50	3.00	0.85
080878A	8.50	3.00	0.90
080879A	8.50	3.00	0.95
080880A	8.50	3.00	1.00
080881A	8.50	3.00	1.05
080882A	8.50	3.00	1.10
080883A	8.50	3.00	1.15
080884A	8.50	3.00	1.20
080885A	8.50	3.00	1.25
080886A	8.50	3.00	1.30
080887A	8.50	3.00	1.35
080888A	8.50	3.00	1.40
080889A	8.50	3.00	1.45
080890A	8.50	3.00	1.50
080891A	8.50	3.00	1.55
080892A	8.50	3.00	1.60
080893A	8.50	3.00	1.65
080894A	8.50	3.00	1.70
080895A	8.50	3.00	1.75
080896A	8.50	3.00	1.80
080897A	8.50	3.00	1.85
080898A	8.50	3.00	1.90
080899A	8.50	3.00	1.95
080900A	8.50	3.00	2.00
080713*	9.00	4.20	0.05
080714*	9.00	4.20	0.10
080715*	9.00	4.20	0.20
080901A	9.40	4.00	0.80
080902A	9.40	4.00	0.85
080903A	9.40	4.00	0.90
080904A	9.40	4.00	0.95
080905A	9.40	4.00	1.00
080906A	9.40	4.00	1.05
080907A	9.40	4.00	1.10
080908A	9.40	4.00	1.15
080909A	9.40	4.00	1.20
080910A	9.40	4.00	1.25
080911A	9.40	4.00	1.30
080912A	9.40	4.00	1.35
080913A	9.40	4.00	1.40
080914A	9.40	4.00	1.45
080915A	9.40	4.00	1.50
080916A	9.40	4.00	1.55
080917A	9.40	4.00	1.60
080918A	9.40	4.00	1.65
080919A	9.40	4.00	1.70
080920A	9.40	4.00	1.75
080921A	9.40	4.00	1.80
080922A	9.40	4.00	1.85
080923A	9.40	4.00	1.90
080924A	9.40	4.00	1.95
080925A	9.40	4.00	2.00
080325A	9.80	3.20	0.05
080326A	9.80	3.20	0.10
080327A	9.80	3.20	1.00
080328A	9.80	3.20	1.05
080329A	9.80	3.20	1.10
080468A	9.80	3.20	1.15
080469A	9.80	3.20	1.20
080470A	9.80	3.20	1.25
080471A	9.80	3.20	1.30
080472A	9.80	3.20	1.35
080473A	9.80	3.20	1.40
080474A	9.80	3.20	1.45
080475A	9.80	3.20	1.50
080476A	9.80	3.20	1.55
080477A	9.80	3.20	1.60
080478A	9.80	3.20	1.65
080479A	9.80	3.20	1.70
080480A	9.80	3.20	1.75
080481A	9.80	3.20	1.80
080482A	9.80	3.20	1.85
080483A	9.80	3.20	1.90
080484A	9.80	3.20	1.95
080485A	9.80	3.20	2.00
080710*	11.00	7.00	0.05
080711*	11.00	7.00	0.10
080712*	11.00	7.00	0.20
080579*	11.50	5.00	0.05
080299A*	11.50	5.00	0.10
080300A*	11.50	5.00	0.20
080301A	11.50	5.00	0.80
080302A	11.50	5.00	0.85
080303A	11.50	5.00	0.90
080304A	11.50	5.00	1.00
080305A	11.50	5.00	1.05
080306A	11.50	5.00	1.10
080307A	11.50	5.00	1.15
080308A	11.50	5.00	1.20
080309A	11.50	5.00	1.25
080310A	11.50	5.00	1.30
080311A	11.50	5.00	1.35
080312A	11.50	5.00	1.40
080313A	11.50	5.00	1.45
080314A	11.50	5.00	1.50
080315A	11.50	5.00	1.55
080316A	11.50	5.00	1.60
080317A	11.50	5.00	1.65
080318A	11.50	5.00	1.70
080319A	11.50	5.00	1.75
080320A	11.50	5.00	1.80
080321A	11.50	5.00	1.85
080322A	11.50	5.00	1.90
080323A	11.50	5.00	1.95
080324A	11.50	5.00	2.00

**Nozzle Holder
Parts**
Adjustment Pin Kits

081056

 Adjustment pin kit for 2 stage injectors
 Contains 7 pins from 43.95 mm to 44.25 mm

Adjustment Pins


Std pkg 10

Adjustment pin for 2 stage injectors

mm Replacing

081069 44.15	
081070 44.20 2433 101 140
081071 44.25	
081072 44.30 2433 101 150
081073 44.35	
081074 44.40 2433 101 160
081075 44.45	
081076 44.50 2433 101 170
081077 44.55	
081078 44.60 2433 101 180
081079 44.65	
081080 44.70 2433 101 190

Accessories
**Sealing Rings
Steel / Rubber**


Std pkg 100

 I.D. O.D. Th. BOSCH
 mm mm mm

080024A 7.0 11.5 .. 1.9 2410 113 004,
 -006


Std pkg 100

 I.D. O.D. Th. CAV
 mm mm mm

080018A 5.0 .. 11.0 ... 2.0 ... 5936-355C
080019A 5.2 .. 8.4 ... 1.0 ... 7022-180B
080020A 9.0 .. 13.2 ... 1.3 ... 7022-180C
080021A 8.7 .. 14.2 ... 1.3 ... 7022-180
080022A 11.2 .. 18.4 ... 2.0 ... 7022-180E
080025A 12.5 .. 18.0 ... 2.3 ... 7022-180P


Std pkg 50

 I.D. O.D. Th.
 mm mm mm

080865A 8.0 16.0 1.0
080866A 10.0 18.0 1.5
080867A 12.0 20.0 1.5
080868A 14.0 18.5 1.5
080869A 16.0 24.0 1.5
080870A 18.0 26.0 1.5
080871A 20.0 28.0 1.5
080872A 22.0 30.0 2.0

Sealing Rings


Std pkg 100

 I.D. O.D. Th.
 mm mm mm

080006 5 8.0 1.0 Copper
190823A 6 10.0 ... 1.0 Copper
190824A 6 12.0 ... 1.0 Copper
190826A 8 12.0 ... 1.0 Copper
192367 8 12.0 ... 1.0 Alu.
080007 8 12.0 ... 1.5 Copper
190828A 8 14.0 ... 1.0 Copper
080008 10 12.0 ... 1.5 Copper
080009A 10 14.0 ... 1.0 Copper
190806A 10 16.0 ... 1.0 Copper
080947 11 18.0 ... 2.0 Copper
190807A 12 16.0 ... 1.5 Alu.
190808A 12 16.0 ... 1.5 Copper
190809A 12 18.0 ... 1.5 Copper
191358A 12 24.0 ... 1.0 Copper
190810A 13 18.0 ... 1.5 Copper
190811A 14 18.0 ... 1.5 Alu.
190812A 14 18.0 ... 1.5 Copper
190813A 14 20.0 ... 1.5 Alu.
190815A 14 20.0 ... 1.5 Copper
080010 15 18.0 ... 1.5 Copper
080011 16 19.0 ... 1.5 Copper
190816A 16 20.0 ... 1.0 Copper
190817A 16 20.0 ... 1.5 Copper
190818A 16 22.0 ... 1.5 Copper
191489A 16 24.0 ... 1.5 Copper
080016 18 21.5 ... 0.5 Copper
190819A 18 22.0 ... 1.5 Copper
190820A 18 24.0 ... 1.5 Copper
191490 18 26.0 ... 1.5 Copper
080012 20 24.0 ... 1.5 Copper
190821A 20 26.0 ... 1.5 Copper
080013 21 25.0 ... 1.5 Copper
080014 22 26.0 ... 1.5 Copper
190822A 22 27.0 ... 1.5 Copper
080015 22 28.0 ... 1.5 Copper
080017 25.5 ... 30.0 ... 1.5 Copper

Accessories

Copper Rings



Std pkg 25

I.D.	O.D.	Th.
mm	mm	mm

080004	6.0	10	1.0
080005	8.0	12	1.0
080290A	8.0	12	1.0

O-Rings



Std pkg 10

I.D.	O.D.	Th.	CAV
mm	mm	mm	

080203	4.40	8.00	1.80	5855-30B
080196	6.00	9.20	1.60	5855-30GA
080194	6.00	9.60	1.80	5855-30
080195	7.00	10.20	1.60	5855-30FZ
080198	9.15	12.71	1.78	5855-30K
080206	9.20	12.80	1.80	5855-30GB
080197	9.40	12.92	1.76	5855-30DQ
080200	11.00	14.20	1.60	5855-30GC
080201	11.00	14.50	1.75	5855-30FR
080202	14.85	18.45	1.80	5855-30BB

Various Washers
Asbestos / Copper

(contain no asbestos)



Std pkg 100

I.D.	O.D.	Th.
mm	mm	mm

080026A	8.0	13.2	2.0
080027A	10.0	15.0	2.3
080028A	12.0	17.0	2.3
080029A	14.0	20.0	2.5
080030A	16.0	22.0	2.8

Insulator Washers
Fiber

Std pkg 100

I.D.	O.D.	Th.
mm	mm	mm

191346A	4.0	13.0	1.0
080031	5.0	9.5	2.0
191341A	5.0	10.0	1.0
191351A	5.0	12.0	1.0
191352A	5.0	16.0	1.0
080032	6.0	10.0	1.5
191344A	6.0	10.0	1.0
191350A	6.0	18.0	1.5
191442A	7.5	14.0	3.0
191353A	8.0	12.0	0.5
080033	8.0	15.0	1.5
191345A	8.0	20.0	2.0
191434A	10.0	14.0	1.0
191349A	10.0	16.0	1.0
080034	10.0	16.0	1.5
191648	10.0	25.0	2.0
191356A	10.0	29.0	1.0
080035	12.0	18.0	1.5
191339A	12.0	19.0	1.0
191348A	12.0	22.0	1.0
134768	12.0	22.0	2.0
134699	12.3	24.0	1.0
191347A	13.0	23.0	1.5
191646	13.0	29.0	2.0
080036	14.0	20.0	1.5
191430A	14.5	29.0	1.0
191532	14.0	34.0	2.0
191343A	14.0	35.0	0.5

Angle Joints

Type AS with threaded journal, hex nut and lock pin
DIN 71802

Std pkg 10

	Thread	Type
080653A	M5-0.8	
080654A	M6-1	
080628	M6-1	*
080629	M6-1	Long type
080655A	M8-1.25	
080630	M8-1.25	*
080631	M8-1.25	Long type
080656A	M10-1.5	
080657A	M12-1.75	
080632	M14-1.5	
080633	M16-2	

Plastic liner

080644	M5-0.8	
080645	M6-1	
080646	M6-1	*
080647	M6-1	Long type
080648	M8-1.25	
080649	M8-1.25	*
080650	M8-1.25	Long type
080651	M10-1.5	
080652	M10-1.5	*

* Anti Clockwise threaded

In Line Swivel



Thread

080744	M6-1
080745	M8-1

Accessories
**Ball Heads
W/ rivet neck for angle joints**


Std pkg 10

Thread Ball O.D.

080173	M5-0.88 mm
080658A	M6-110 mm
080634	M8-1.2513 mm
080635	M10-1.516 mm
080636	M12-1.7516 mm
080637	M14-1.519 mm

Lock Pins for Angle Joints


Std pkg 10

080638	For M5 angle joint
080639	For M6 angle joint
080640	For M8 angle joint
080641	For M10 angle joint
080642	For M12 angle joint
080643	For M14 angle joint

Fork Heads


Std pkg 10 (* Std pkg 1)

	Bore mm	Thread mm	L mm	Slot Wide mm
080843A	5 M5 10 5
080863	5 M5 20 5
080659A	6 M6 12 6
080934	6 M6 24 6
080660A	8 M8 16 8
080661A	8 M8 32 8
080936*	10 M10 20 10
080938*	10 M10 40 10

Fork Joint Bolts

 W/ hole for cotter pin
 Steel
 DIN 1434

Std pkg 10

	O.D. mm	L. mm
080662A	618
080663A	822
080664A	1028
080665A	1235
080666A	1440

Fork Joint Bolts w/ clip-on


Std pkg 5 (* Std pkg 1)

	O.D. mm	L. mm
080844	510
080864	520
080845	612
080935	624
080846	816
080847	832
080937*	1020
080939*	1040

Cotter Pins

 Steel.
 DIN 94.

Std pkg 200

	O.D. mm	L. mm
191575	1.616
190632	2.032
190633	2.040
190634	2.525
191576	3.225
190638	3.232
191587	4.025
191577	4.036

Mini Clamps

 Carbon steel, alu / zinc.
 Coated band width 9 mm, 7 mm screw.

Std pkg 50

	Min. mm	Max. mm	Ref. no.
190005A	68.38
190006A	79.39
190007A	810.310
190008A	911.311
190009A	912.312
190010A	1013.313
190937A	1114.314
190938A	1215.315
191056	1316.316
192054	1417.317

Overflow Hose

 Woven.
 Servicing Mercedes

Pressure 5 atm.

For nozzle overflow

High temperature, -40°C. to +110°C.

Supplied in box (28.5 x 29.5 x 11.5 cm).

Min. supply 10 mtr.

	I.D. mm
0902933.0

Accessories

Fuel Pipes



Woven.

Pressure 5 atm.

Also for unleaded petrol.

Supplied in box (28.5 x 29.5 x 11.5 cm).

Min. supply 20 mtr.

	I.D. mm
191499	3.2
190994	3.5
191014	4.5
190995	5.0
190996	6.0
190997	7.5
191015	9.0
192361	11.0



New non-woven type.

Pressure 10 atm.

Also for unleaded petrol.

Supplied in box (28.5 x 29.5 x 11.5 cm).

DIN 73379.

Min. supply 20 mtr.

	I.D. mm
191182	3.5
190998	5.0
191063	5.5
190999	6.0
191000	7.5
190984	9.5



Transparent hose
Oil and fuel resistant
Pressure 2.8 - 3.5 atm.

	Min. supply 10 m	O.D. mm	I.D. mm
090170	10	6	
090171	12	8	



Hose of synthetic rubber, braiding of galvanized steel wire
Working pressure at 20° 15 bar (*20 bar)

	Min. supply 10 m	O.D. mm	I.D. mm
090078	9.5	4.5*	
090079	10.5	5.5*	
090080	12.5	7.5	
090081	14.0	9.0	
090082	17.7	11.0	

	Min. supply 50 m	O.D. mm	I.D. mm
B090078	9.5	4.5	
B090079	10.5	5.5	
B090080	12.5	7.5	
B090081	14.0	9.0	
B090082	17.7	11.0	

Hose Sleeves



Steel, zinc plated

Std pkg 10

For hose O.D. Bore
mm mm

080259 A 11.0 6.2
080260 A 11.5 7.3
080261 A 12.5 7.5
080262 A 13.5 9.3
080263 A 14.5 9.4
080264 A 16.0 11.5
080265 A 17.0 11.5
080266 20.0 14.0
080267 23.0 17.0

Polyamid Tubes



Working pressure at 20° 20 bar
Oil and fuel resistant
Black

Min. supply 10 m

	O.D. mm	I.D. mm
090148	6	4
090083	8	6
090084	10	8
090119	12	9

Min. supply 25 m

	O.D. mm	I.D. mm
B090148	6	4
B090083	8	6
B090084	10	8
B090119	12	9

Accessories
Hose Sleeves for Polyamid Tubes


Std pkg 10

	O.D. mm	I.D. mm
080851	4	3
080285	6	5
080286	8	7
080621	9	8

Straight Pipe Connections


Pipe mm Thread mm L mm

080287A	6	M12-1.5	39
080288A	8	M14-1.5	40
080289A	10	M16-1.5	42

Pipe Nuts


Std pkg 10

	Thread
080667A	M10-1
080297A	M12-1.5
080668A	M14-1.5
080669A	M16-1.5

Valves

 For hose I.D.
mm

080784	6
080785	8
080786	10
081111	12

**Polyamid Safety Tubes
for Airbrake Systems**

 O.D.
mm I.D.
mm

090120	10.0	7.0
090121	12.0	8.8
090122	16.0	11.4

Hose Sleeves for Airbrake Systems


Std pkg 10

	O.D. mm	I.D. mm
080622	7.0	5.5
080623	8.8	7.6
080624	11.4	9.6

Hose Nipples DIN 7622


Std pkg 10

 Bore mm For hose I.D.
mm

080860	1/2"	8
080794	6 mm	4
080795	8 mm	4
080237A	8 mm	6
080796	10 mm	4
080239A	10 mm	7
080678	10 mm	8
080797	12 mm	4
080240A	12 mm	7
080241A	12 mm	9
080679	12 mm	10
080798	14 mm	4
080238A	14 mm	6
080242A	14 mm	9
080243A	14 mm	11
080826	14 mm	12
080002	16 mm	10
080003A	16 mm	12

Hose Nipples Double


Std pkg 10

 Bore mm For hose I.D.
mm

080799	6	4
080800	8	4
080245A	8	6
080859	10	6
080246A	12	8
080247A	14	10

Accessories

**Hose Nipples
T-Connector**

Std pkg 5

For hose I.D.
mm

080836	4	Steel
080838	6	Steel
080839	8	Steel

Solder Eye Unions

Std pkg 10

Bore For pipe O.D.
mm mm

080248	14	8
080249	14	10
080298	16	12

**Eye Unions for
Polyamid Tubes**

Std pkg 10

Bore For hose I.D.
mm mm

080625	12	6
080627	12	8
080626	14	6
080283	14	8
080284	14	10

Hollow Screws

Std pkg 10

Thread Bore
mm

080575	M6-1	
080251A	M8-1	4.2
080737	M8-1	Calib. outlet
080252A	M10-1	4.0
080001	M10-1.25	4.0
080253A	M10-1.5	4.0
080254A	M12-1.5	6.0
080812	1/2"-20 UNF	6.0
080255A	M14-1.5	8.0
080256A	M16-1.5	10.0
080731*	M16-1.5	

* Short type



Std pkg 10

Thread Bore
mm

081116	M10-1.5	4.0
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**Hollow Screws
Double**

Std pkg 10

Thread Bore
mm

080257A	M8-1	2
080806	M10-1	4
080807	M12-1.5	6
080258A	M14-1.5	8

Pipe w/ screwThread For hose I.D.
mm

080931	1/2"-20 UNF	8
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Pipe Bends

Std pkg 10

For Brass olive For hose I.D.
mm mm

080268A	8	8
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**Pipe Bends
w/ screw**Thread For hose I.D.
mm

080930	1/2"-20 UNF	8
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**Pipe Bends
w/ screw cap**

Std pkg 5

Thread For hose I.D.
mm

080829A	M10-1	6
080830A	M12-1.5	6
080831A	M14-1.5	8

Accessories
Pipe Nipples


Std pkg 10

	I.D. mm	For hose I.D. mm	
080269A	3	5	
080270A	4	6	
080271A	6	8	
080272A	8	10	
080273A	10	12	

Hose Nipples


Std pkg 10

	For hose I.D. mm	L mm
080274A	5	26
080997	6	30
080275A	8	32
080276A	10	34

Brass Olives


Std pkg 10

	I.D. mm	For pipe O.D. mm
080277A	4.1	4
080278A	5.1	5
080279A	6.1	6
080280A	8.1	8
080281A	10.1	10
080282A	12.1	12

Plastic Protecting Tubes

 For protection of hollow screws
Colour: Transparent

Std pkg 100

	I.D. mm	O.D. mm	L mm
191392	10	14	10
191393	16	20	15


 Thread protection
Colour: Transparent

Std pkg 100

	I.D. mm	O.D. mm	L mm
191359	11	13	22

Protecting Plugs

 Threaded
Colour: Red
Polyethylen (PE)

Std pkg 100

	Thread
191857 A	M8-1
191858 A	M10-1
191859 A	M12-1
191860 A	M12-1.5
191861 A	M14-1.5

Protecting Caps

 Threaded
Colour: Red
Polyethylen (PE)

Std pkg 100

	Thread	L mm
191862A	M8-1	10
191863A	M10-1	10
191864A	M12-1	12
191865A	M12-1.5	12
191866A	M14-1.5	12 .. Yellow


 Colour: Yellow
Polyethylen (PE)

Std pkg 50

	I.D. mm	L mm	No
191675	30	29	30


 Colour: Black
Polyethylen (PE)

Std pkg 100

	I.D. mm	L mm
191360	16	22.5
191361	22	28.0
191362	25	32.5
191363	30	30.0

Accessories



Colour: Red
Polyethylen (PE)

Std pkg 100 (*50)

Measure: mm

O.D. con	I.D. con	L	No
mm	mm	mm	

191364A	4.8/5.5	3.2/4.0	6.5	3
191641	5.5/6.2	4.0/4.8	5.9	4
191365A	6.0/6.7	4.5/5.3	6.7	5
191366A	6.4/7.4	4.9/5.9	7.8	6
191367A	7.6/8.5	6.0/7.1	8.8	8
191368A	8.2/9.2	6.6/7.8	10.0	10
191369A	9.8/11.0	8.1/9.5	10.9	12
191370A	10.8/12.3	9.0/10.6	10.4	15
191371A	11.4/12.7	9.9/11.3	10.8	16
191642	12.2/13.8	10.7/12.3	11.1	17
191372A	13.1/14.5	11.5/13.0	12.0	18
191373A	13.9/15.4	12.2/14.0	13.1	20
191374A	14.2/15.7	12.7/14.7	13.6	25
191375A	15.2/16.9	13.9/15.7	13.9	27
191480A	17.2/19.0	15.5/17.5	14.7	30
191376A	18.3/19.9	16.3/19.0	14.8	35
191565*	20.4/22.2	18.9/20.9	15.0	37
191566*	21.1/22.8	19.8/21.9	15.0	38
191612*	21.9/25.0	20.2/23.4	15.5	40
191567*	24.5/25.7	22.5/24.2	13.8	41
191568*	25.2/26.8	23.7/25.7	14.0	42

Seals



Std pkg 100

O.D.
mm

080750 Nylon 9

081006 Lead 8

Seal Wires



080751 Std pkg 100
L. 210 mm

Injection Pipe Holders



080041 A
Injection pipe holder, 4 pipes



080045 Min. supply 5 pcs. A
Injection pipe holder, 3 pipes



080042 Min. supply 5 pcs. A
Injection pipe holder, 2 pipes



080046 Std pkg 5 A
Servicing Mercedes
Injection pipe holder, 1 pipe



080043 Min. supply 5 pcs. A
Injection pipe holder, 3 pipes



080047 Std pkg 5 A
Servicing Mercedes
Injection pipe holder, 3 pipes



080044 Min. supply 10 pcs. A
Injection pipe holder, 2 pipes



080048 Std pkg 5 A
Servicing Mercedes
Injection pipe holder, 2 pipes

Accessories

080049 Std pkg 5 **A**
Servicing Mercedes
Injection pipe holder, 3 pipes



080053 Std pkg 50 **A**
Rubber for injection pipe holder, 3 pipes



080835 Std pkg 10
Screw caps for injection pipes
for M14-1.5 - pipe 6 mm



080050 Std pkg 50 **A**
Rubber for injection pipe holder, 2 pipes



080832 Std pkg 10
Soldering nipple for injection pipes
for M12-1.5 - pipe 6 mm



080054 **A**
Injection pipe nut set
M12-1.5
For 6 mm injection pipe



080051 Std pkg 50 **A**
Rubber for injection pipe holder, 3 pipes



080833 Std pkg 10
Soldering nipple for injection pipes
for M14-1.5 - pipe 6 mm



080055 **A**
Injection pipe nut set
M14-1.5
For 6 mm injection pipe



080052 Std pkg 50 **A**
Rubber for injection pipe holder, 2 pipes



080834 Std pkg 10
Screw caps for injection pipes
for M12-1.5 - pipe 6 mm



080056 Std pkg 10 **A**
Steel ring for Cargo 080054

Accessories**080057** Std pkg 10 **A**

Steel ring for Cargo 080055

**080058** Std pkg 10 **A**

Servicing CAV

Steel olive

6 mm I.D.

Injection Pipes

Min. supply 3 m

O.D. mm	I.D. mm
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090086	6	1.5
090087	6	2.0
090088	6	2.3
090089	6	3.0

Adhesive**Engineering Adhesive**

Typical application.
Prevent loosening through vibration and leakage of threaded fasteners.
Is a one component, anaerobic adhesive, which is thixotropic.
It cures when confined in the absence of air between close fitting metal surfaces.

200653 Std pkg 12**LOCTITE 222**

Low strength for easy disassembly.

100% breakaway strength after 4½ h. (22°C).

10 ml tube.

200726 Std pkg 12**LOCTITE 243**

Medium strength.

100% breakaway strength after 3 h. (22°C).
10 ml tube.**200760** Std pkg 12**LOCTITE 243**

As Cargo 200726, but 50 ml tube.

200027 Std pkg 12**LOCTITE 270**

High strength.

100% breakaway strength after 6 h. (22°C).

10 ml tube.



Typical application.
Used to bond cylindrical fitting parts, particularly where disassembly may be required.
Is a one component anaerobic adhesive, which cures rapidly between metal surfaces where air is excluded.

200654 Std pkg 12**LOCTITE 641**100% breakaway strength after 12 h. (22°C).
50 ml tube.**200648** Std pkg 12**LOCTITE 649****Non-smelling.**

100% breakaway strength after 12 h. (22°C).

50 ml tube.

Quick Epoxy Adhesive

2-component Epoxy adhesive for general purpose. High performance on metal, ceramic, wood etc. Bonding also at low temperatures. Can be overpainted. Fixturing time 5-20 min. (22°).

200652 Std pkg 12**Screw Security Lacquer****711712**Screw security lacquer, yellow.
20 ml.**Cyanoacrylate Adhesive****LOCTITE 401**

LOCTITE 401 is an ethyl cyanoacrylate adhesive with exceptional curing performance on wood, paper and other absorbent surfaces.

TYPICAL APPLICATIONS

Rapid bonding of leather, board, fabric or other absorbent surfaces.
Fixturing time 5 - 20 sec. (22°C).

**200028** Std pkg 10

3 g tube.

**200649** Std pkg 12

20 g tube

LOCTITE 480

LOCTITE 480 is a medium viscosity, fast curing, single component cyanoacrylate adhesive. It is specially formulated for increased flexibility and peel strength.

TYPICAL APPLICATIONS

Rapid bonding of a wide range of metal, plastic and elastomeric materials.
Fixturing time 60 - 120 sec. (22°C).

**200697** Std pkg 12

20 g tube.

Tools

Pressing Tools

**090085**

Pressing tool

Type for use in a vice. Six clamping jaws.
Presses up to 17 mm O.D.**090372**

Hose press

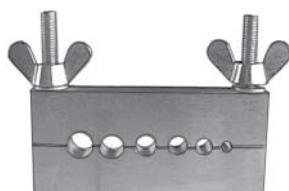
Presses from 6 - 18 mm O.D.

**090124**

Hose press

Presses from 6.5 - 16 mm O.D.

Clamp Tools

**090118**

Clamp tool for polyamid tubes 4-12 mm

Tube Benders

**090117**Tube bender with interchangeable formers
for tubes O.D. 6 mm, 8, 10 and 12 mm.

Impact Puller

**210788**For removing small bearings, particularly
where there is no room for normal support
braces.

For internal extractors Cargo 210777-786

Internal Extractors

Suitable for extraction of needle / roller
bearings, ball bearings, brass sleeves and
flame arresters.For bore
mm

210777	5 - 7
210778	7 - 9
210779	9 - 12
210780	10 - 13
210781	13 - 17
210782	14 - 19
210783	16 - 21
210784	18 - 23
210785	20 - 25
210786	25 - 30
211088	30 - 37

Support Braces

**210787**For internal extractors Cargo 210777-786
Min - max: 35-75 mmHose Clamp
Screwdrivers**210249**Flexible
For 7 mm screwhead

Tools**Injector Tester****090133**

Weight	5 kg
Filling capacity of testing fluid tank	1.0 L
Pressure gauge	0-40 MPa
Piston diameter	14 mm
Piston stroke	max. 10.5 mm
Testing liquid quantity	1600 mm³/stroke
Dimensions	O.D. 200 x 516 mm

**090259**

Servicing Cargo 090133
Glass bowl w/ filter

Quick Release Tool**090239**

Servicing Quick release tool for nozzle tester
For nozzle 12.5-1.5 and 14-1.5

**090302**

Servicing Cargo 090239
Nylon nippel

Adjustment Tool for VE-Pumps**090153**

Servicing Opel, VAG, Ford, Volvo, (TDI), Japanese appl.

Contains:

- Dial Indicator O.D. 41 mm - 0.01-5 mm
- Holder for Dial Indicator L. 38 mm
- Extender for Dial Indicator L. 42 mm
- Extender for Dial Indicator L. 101 mm
- Extender for holder M8-1.0
- Extender for holder M10-1.0
- Adjusting device (VAG)
- Mandrel (VAG)

**090307**

Servicing Cargo 090153
M8-1
Adapter for plug

**090308**

Servicing Cargo 090153
M10-1
Adapter for plug

090309

Servicing Cargo 090307, 090308
Pin 100 mm

Tools

Timing tool kit

**090245**

Servicing Ford Transit

**090324**

Servicing Audi A2, VW Lupo

**090310**Servicing Cav DP 200, Stanadyne
O.D. 3.75 mm
5 pin tork

Part of Cargo 090270

5 Pin Torks

**090270**Servicing Cav DP 200, Stanadyne
O.D. 5.55 mm / O.D. 3.75 mm
5 pin tork kit**090271**Servicing Stanadyne
O.D. 2.75 mm
5 pin tork**090272**Servicing Cav DP 200
O.D. 6.60 mm
5 pin tork

Extraction Tool

**090269**

Servicing Mercedes CDI

Tool set for the drilling of broken off CDI glow plugs M10-1.

Contains:

Torxtop E10, 3/8".
 Single-purpose drill with counterbore
 I.D. 9.0 mm. turned from 5.4 to 4.0 mm.
 Special retainer for single-purpose drill.
 Drill and extraction housing for glow plugs
 locked in the hole.
 Screw tap HSSG UNF 1/4" DIN 351.
 Tool holder with long ratchet for M3 - M8.
 Thread adaptor UNF 1/4": M16-1.5 with
 extraction nut.
 Bearing adaptor with bore I.D. 16.0 mm.
 Screw tap HMB M10-1 RSPI 354 plug tap.



Spare Parts

**090273**Servicing Cargo 090269
9.0 mm to 5.4 mm to 4.0 mm
Special drill**090357**Servicing Cargo 090269
Drill guide bushing

Tools**090356****Servicing** Cargo 090269
Special drill adapter**211075****Servicing** Cargo 090269
DIN 351
UNF 1/4"-28
Hand taps**090305****Servicing** Cargo 090269
1/4"
Extraction adapter**211076****Servicing** Cargo 090269
L. 55 mm
Torx bits 3/8", nutdriver socket**090358****Servicing** Cargo 090269
Bearing kit**090306****Servicing** Cargo 090269
M10-1 mm
Machine tap**090355****Servicing** Cargo 090269
Wrench tool**090296****Servicing** Extraction tool for pulling out injectors.**Servicing** Mercedes CDI**Contains:** Threaded hole protector, Fork, Guide tube, Short piston rod, Long piston rod, Press-on nut, Handle, Protective cap**Spare Parts****090322****Servicing** Cargo 090296
Fork

Tools

**090301****Servicing** Universal

Tool set for the drilling of broken off glow plugs M12-1.5.

Contains:

Torxtop E10, 3/8".
Single-purpose drill with counterbore I.D. 10.75 mm. turned from 6.0 to 5.0 mm.
Special retainer for single-purpose drill.
Drill and extraction housing for glow plugs locked in the hole.
Screw tap HSSG UNF 1/4" DIN 351.
Tool holder with long ratchet for M3 - M8.
Thread adaptor UNF 1/4": M16-1.5 with extraction nut.
Bearing adaptor with bore I.D. 16.0 mm.
Screw tap HMB M12-1.5 RSPI 354 plug tap.

Spare Parts**090349****Servicing** Cargo 090301

Single-purpose drill with counterbore I.D. 10.75 mm. turned from 6.0 to 5.0 mm.
Special Drill

**090335****Servicing** Cargo 090301

5/16"
For glow plugs
Extraction Adaptor

**090313****Replacing** 0986 614 260
Servicing P7100, P7800 pumps

Tool set equipped with 39 pieces for the assembling and dismounting of P7100 and P7800.

**090327**

Replacing Reamer tool for Mercedes
To repair/clean the injector seat and measure the deep in the seat to get the right flame arrest (the right thickness)

**090336**

Reamer tool kit for cleaning up carbon where the glow plug is coming into the combustion chamber.

Reamer size 8.2 to 5.1 mm, L. 165 mm

**090275**

Servicing Mercedes CDI
Reamer 7.99 mm
240 mm long
Reamer for cleaning glow plug mounting hole

Tools**Common rail Tool Kit****090331**

Servicing CP1

Includes 5 kit of spare bearings/bushings

**090332**

Servicing CP3

Includes 5 kit of spare bearings/bushings

Thread Inserts**192578**

Thread insert for glow plugs
Internal thread M10-1
External thread M12-1
L. 10 mm

Machine tap: Cargo 211063**192579**

As Cargo 192578,
but L. 19 mm
Thread insert for glow plugs

**192580**

Thread insert for glow plugs
Internal thread M12-1.25
External thread M14-1.25
L. 11 mm

*Machine tap: Cargo 211064***3 Side Wrench Tool****090240**

3 side wrench tool for Bosch VE-E, EDC
Mercedes sprinter
For screwhead O.D. 6.2 mm

**090241**

3 side wrench tool for Bosch VE pump
Audi, BMW
For screwhead O.D. 7.5 mm

**090274**

Replacing 0986 611 758
Servicing VE pump
Triangular wrench

Tools

**090282**

Replacing 1804-624
Servicing DPC
Triangular socket wrench

**090283**

Replacing 9531/C
Servicing DPC
Socket wrench for stop solenoid

**090287**

17 - 17 mm
Wrench for injection pipes

**090286**

Replacing 7244-125B,
Wrench for camring

**090284**

Replacing 9531/B
Servicing DPC
Socket wrench for stop solenoid

**090288**

27 mm
Socker wrench for injectors w/ sensors

**090285**

Replacing 9531/A
Servicing DPC
Socket wrench for stop solenoid

**080724**

Tool for Mercedes nozzle holder

Tools**090323**2 stage spring injector tool
For mounting and dismounting nozzles**090326**4 clamp nozzle holder
For injector type fitted on:
Audi, Fiat, Mercedes, Opel, VW, Volvo**Test injection Pipes****090255**Replacing Bosch 1680 750 014
6 x 2 x 600 mm
12 x 14 mm**090289**

Extractor for pulley VE pumps

**090291**Servicing Bosch VE-EDC
Adjustment tool complet for precise
adjustment of full load ccm³**090290**Servicing Bosch VE-EDC
Adjustment tool to be mounted on flange**090359**Replacing Bosch 0986 611 746
Servicing Fiat, Mercedes
Stroke holding spring device for MW
pumps
Secure Lock Tool

Fuel Filters

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Cross reference list page 205



RT1000 Std pkg 12

For gasoline
6 and 8 mm hose
Universal
Transparent

RT2002 Std pkg 24

Replacing 0014 774 201, 0014 775 301
Servicing Mercedes
6 and 8 mm hose
Transparent



RT2005 Std pkg 12

Replacing 0014 776 601, 0014 777 901
Servicing Mercedes
8 mm hose
Transparent



RT1003 Std pkg 24

For gasoline
6 and 8 mm hose
Universal
Transparent

RT2003



RT2006 Std pkg 8

6 and 8 mm hose
Universal
Transparent



RT1005 Std pkg 24

For gasoline
6 mm hose
Universal
Transparent

RT2004 Std pkg 12

Replacing 0014 776 601, 0014 777 901,
0450 904 077
Servicing Mercedes
8 mm hose



RT2016 Std pkg 12

6 and 8 mm hose
Universal
Transparent

Fuel Filters**AS301**

Replacing 7111-296

**AS301A**

Replacing 7111-796

**AS 304 K**Replacing 1457 431 030, -164
Servicing Mercedes, Renault, Volvo
½ Litre**AS 304 KA**Replacing 1457 429 359, 000 092 2705
Servicing Mercedes
½ Litre, paper**AS 308 K**Replacing 1457 431 020, -021
Servicing Mercedes, Renault, Volvo
1 Litre**AS 308 KA**Replacing 1457 429 354, 422 090 0051
Servicing Mercedes
1 Litre, paper**AS 3588**Replacing 1906 53, 9161 303
Servicing Citroen, Opel, Renault, Volvo**AS 3599**Replacing 1457 431 717, HDF 920
Servicing Citroen, Opel, Renault, Volvo**RT2030**Replacing 1457 434 051, -069
Servicing Ford
M16-1.5**RT2045**Replacing 1457 434 057
Servicing Fiat, Ford, Opel
M16-1.5**RT2058**Replacing 1457 434 075, -094, -105, -106
Servicing Fiat, Ford, Opel, Volvo
M16-1.5**RT 2065**Replacing 6807970
Servicing Ford

Fuel Filters**RT2066**

Replacing 191127401, C,
0450 906 101, -172, -173
Servicing Ford, VAG

**RT2067**

Replacing 191127401A, B
Servicing VAG

**RT2069**

Replacing 00010922201, 6010900352,
1457 434 117, -123
Servicing Mercedes
M12-1.5

**RT2139**

Replacing MB 220900
Servicing Mitsubishi, Isuzu
M20-1.5

**RT2140**

Replacing 23303-64010
Servicing Toyota
3/4"-16UNF

**RT2141**

Replacing 16405-05E01, 1457 434 281
Servicing Nissan
3/4"-16UNF

**RT2160**

Replacing 1901607, 4780270,
1457 434 205
Servicing Fiat
3/4"-16UNF

**RT2162**

Replacing 001092401, 1457 429 680,
1457 434 095
Servicing Mercedes
M14-1.5

**RT2170**

Replacing 1901605, 4613310,
1457 429 677, -681
Servicing Fiat
3/4"-16UNF

**RT2181**

Replacing 813566, 1457 434 099, -103
Servicing Opel, Renault
M16-1.5

**RT2201**

Replacing 16405-V0701, 16405-34W00
Servicing Nissan
3/4"-16UNF

**RT2202**

Replacing MB 433425
Servicing Mitsubishi
M20-1.5

Fuel Filters**RT2203**

Replacing 23303-54010
Servicing Toyota
3/4"-16UNF

**RT 3121**

Replacing 5414362, 1906-02
Servicing Citroen, Peugeot

**RTF 3297**

Replacing 1015734, EGF 319, WF 8053
Servicing Ford Transit, Motorcraft, WIX

**RT2438**

Replacing 23303-56021
Servicing Toyota
3/4"-16UNF

**RT 3122**

Replacing 1906-33, -38
Servicing Citroen, Peugeot

**SP 4066**

Replacing RE 58676, -62423, -65431
Servicing John Deere

**RT 3119**

Replacing 96089964, 1906-29
Servicing Citroen, Peugeot

**RT 3123**

Replacing 7701204497
Servicing Renault

**SP 7034**

Replacing 0450 906 373, HDF 516, -520
Servicing Seat, VW

**RT 3120**

Replacing 1906-35, -34
Servicing Citroen, Peugeot

**RT 3296**

Replacing 7111-996
Servicing CAV

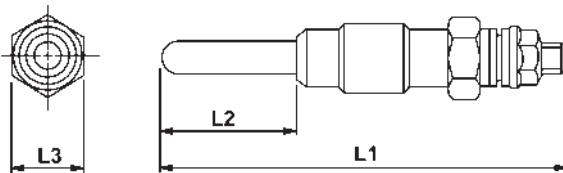
**090215**

Replacing 1457 434 293
Servicing Alfa Romeo, BMW, Fiat,
Lancia

*Applications list page 173
Cross reference list page 205*

Glow Plugs

Applications list page 180
Cross reference list page 205



CARGO	Plug V.	Battery	Amp.	Thread	L1	L2	L3	Sec.
100079	0.9	12	6.3	M18-1.5	87.5	27.5	21	SHP
100086	11	12	10	M14-1.25	78	28	14	<20
100177 A	11.5	12	13	UNF 7/8-14"	62	32	24	SHP
100245 A	5	12	11	M10-1.25	89	24	12	7-10
100246 A	12	12	8.5	M10-1.25	95	22	12	<20
100247	11	12	9	M10-1.25	69	19	12	<20
100248	11	12	9.2	M12-1.25	59	20	12	<20
100249	23	24	4.5	M10-1.25	76	19	12	<20
100250	6.5	12	11	M12-1.25	61	20	12	7-10
100251	11	12	8	M10-1.25	70	19	12	7-10
100252	23	24	7.5	M10-1.25	70	19	12	7-10
100253	6.5	12	11.5	M10-1	90	21	12	7-10
100254 A	10.5	12	6.5	M10-1.25	70	19	12	7-10
100256	8.5	12	9	M10-1.25	103	28	12	<20
100257 A	7	12	8.5	M10-1.25	101	28	12	7-10
100258 A	7	12	8	M10-1.25	95	31.5	12	7-10
100259	14	24	4.8	M10-1.25	101	28	12	7-10
100260	11	12	11	M10-1.25	96	31	12	<20
100261 A	10.5	12	16.5	M10-1.25	88	22	12	7-10
100262	10.5	12	9	M18-1.5	87	15.5	21	<40
100263	12	12	6	M10-1	97	28	15.9	<15
100267	1.7	12	4	M14-1.25	104.5	18.5	17	SHP
100268	8.5	12	8	M10-1.25	92	24	12	7-10
100270	10.5	12	8.5	M10-1.25	101	28	12	<20
100271 A	11	12	10	M10-1.25	68	17	12	<10
100272	6	12	10.2	M10-1.25	95	22	12	7-10
100275	10.5	12	6.5	M10-1.25	87	24	12	<20
100276 A	23	24	4.8	M10-1.25	67	17	12	<10
100277 A	6	12	8	M10-1.25	95	31.5	12	7-10
100280	20.5	24	5	M10-1.25	101	28	12	<20
100281	11	12	10	M10-1.25	101	28	12	<10
100282	23	24	4.6	M10-1.25	101	28	12	<20
100283	11	12	10	M10-1.25	101	28	12	<10
100284	11	12	10.5	M12-1.25	74	29	12	7-10
100286	8.5	12	9	M10-1.25	86	22	12	<20
100287 A	11	12	10	M10-1.25	88	22	12	<10
100288	12	12	11	M10-1.25	86	22	12	7-10
100291 A	11	12	6	M10-1.25	95	32	12	<10
100292	11	12	6	M10-1.25	89	24	12	<10
100294	11	12	15	M12-1.25	63	24	12	8-12 ¹
100295	9	12	15	M18-1.5	75	28	21	7-10
100297	20.5	24	5.8	M12-1.25	97.5	21.5	12	<15
100298	5	12		M10-1.25	89	24	12	7-10
100299	5	12		M10-1.25	83	18	12	7-10
100301	11	12	5.2	M12-1.25	106	25	12	7-12
100302	11	12	7	M10-1.25	83	18.5	12	<10
100303 A	11	12	7	M12-1.25	66	21	12	8
100306	10	12	9	M10-1.25	84	20	12	5
100307	11.5	12	9	M10-1	125	26.5	12	5
100309	11/6.2	12	14	M10-1.25	87	21	12	5
100310 A	11/6.2	12	14	M10-1.25	94	20	12	5
100320	11	12	13	M10-1	79	25	12	<7
100323	11	12	13	M10-1	79	25	12	<7 ¹
100324 A	6.5	12	5.5	M10-1.25	84	21.5	12	20
100325 A	6.5	12	5.5	M10-1.25	90	21.5	12	20



Glow Plugs

CARGO	Plug V.	Battery	Amp.	Thread	L1	L2	L3	Sec.
100326	11	12	10	M10-1.25	95.1	19	12	7
100327	11.5	12		M12-1.25	120	27.5	12	5 ¹
100329	11	12	10	M12-1.25	70.1	24.5	12	6 ¹
100330	11	12	10	M12-1.25	70.1	24.5	12	6 ¹
100331 A	11.5	12	10	M10-1.25	67.6	22	12	7 ¹
100332	11.5	12	10	M12-1.25	70.1	24.5	12	6 ¹
100333	11	12	10	M12-1.25	75.6	20	12	SHP
100335 A	11	12	9	M10-1	88.8	28.5	10	7 ¹
100336	11	12	10	M10-1.25	82.4	15.7	12	5
100337	11.5	12	10	M12-1.25	86	28	12	1 ¹
100339	11.5	12	10	M12-1.25	115	27.5	12	5 ¹
100426	11	12	7.2	M10-1.25	83	17	12	7-10
100427	11	12	6	M12-1.25	87	24	12	7-10
100428	23	24	3.3	M10-1.25	131	25	12	7-10
100429	11	12	8-10	M10-1.25	103	25	12	7-10
100430	11	12	6	M10-1.25	96	27	12	7-10
100431	23	24	3.5	M10-1.25	101	28	12	7-10
100432	11	12	8-10	M12-1.25	65.6	25	12	6 ¹
100433	10.5	12	7.5	M10-1.25	70	17	12	>20
100434	10.5	12	8	M10-1.25	75	16	12	>20
100435	10.5	12	6.5	M10-1.25	74	16	12	>25
100436 A	11	12	10	M10-1	92	24	10	6 ²
100510 A	11	12	7	M10-1.25	85	17.5	12	7
100511 A	11	12	22	M12-1.25	71.5	25	12	5 ²
100512 A	11	12	22	M12-1.25	61	20	12	7 ²
100513 A	11	12	7	M10-1.25	89	17.5	12	5
100514	11	12	6	M10-1.25	101	28	12	10
100515 A	11	12	6	M10-1.25	86	22	12	8-9
100516	11	12	5	M10-1.25	97	32	12	8
100517	11	12	6	M10-1	83	24	10	8-9
100518	11	12	7.3	M8-1	69	19.5	10	7
100519 A	11	12	6	M10-1.25	86	20	12	8
100520 A	11	12	6.5	M10-1.25	85	22.5	12	6
100521	10.5	12	9.7	M10-1.25	83.5	22	12	11
100522	10	12	10	M10-1.25	68	17	12	6
100523	11	12	6	M10-1.25	80	24.5	12	8.5
100524	11	12	6	M10-1.25	85	30	12	8.5
100527 A	11	12	10	M10-1	97	30	10	5 ²
100528	11	12	8	M10-1.25	97	22	12	6 ²
100529	11	12	8	M10-1	83	25	12	5 ²
100530	11	12	10	M10-1	118.8	33.4	12	6 ²
100531 A	10	12	10	M12-1.25	62	17.5	12	5 ²
100532 A	10	12	8-10	M10-1	95	24.5	10	6 ²
100533	11	12	6-11	M10-1	107	27.5	10	6 ²
100534	11	12	8-10	M10-1	96.5	24	10	5 ²
100535	11	12	8-10	M10-1	80	30	10	5 ²
100536	10.5	12	8-10	M10-1	106.4	30	10	5 ²
100537 A	11.5	12	8-10	M10-1	130	27	10	X ²
100538 A	12	12	8-10	M10-1	126	34	10	X ²
100539	11.5	12	8-10	M10-1	128	30	10	X ²
100540	11	12	8-12	M10-1	75	24	10	X ²
100541	11	12	10-12	M12-1.25	71	24.5	12	X ²
100543	11	12	8-10	M10-1	107	27	10	X ²
100544	11	12	8-10	M10-1	107	28	10	X ²
100545 A	11	12	10	M12-1.25	70.1	24.5	12	5
100546	11.5	12	10	M10-1.25	63.5	17.2	12	5-7
100547	11.5	12	10	M10-1.25	120.8	30.8	12	5-7
100548	6	12	10	M10-1.00	76.0	27.5	10	6
100549	6	12	10	M10-1.00	79.3	27.5	10	17
100550	11	12	10	M10-1.00	80.5	27	10	5-6
100555 A	11	12	10	M10-1.25	144.8	23.3	12	5-6
100556	11	12	10	M10-1.25	170	36.6	12	5-7 ⁴
100557 A	11	12	10	M10-1.25	85.5	17.3	12	5-7
100558	11	12	12	M10-1.25	170	34	12	5-7 ³
100559	11	12	10	M10-1.25	87.6	20.5	12	5-7
100560	11.5	12	10	M10-1.25	180	20.9	12	5-6 ⁴
100561	11.5	12	12	M10-1.00	180	21.3	12	5-9
100562	11	12	10	M10-1.25	96	22.5	12	5-7

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

Glow Plugs

Applications list page 180
Cross reference list page 205

CARGO	Plug V.	Battery	Amp.	Thread	L1	L2	L3	Sec.
100563 A	11	12	12	M10-1.25	88.5	20.6	12	5-9
100565	10	12	10	M10-1.00	96.8	25	10	5-10
100577	11	12	9	M10-1.25	101.2	22.5	12	<10
100578	11	12	10	M10-1.25	210	23	12	10 ⁴
100579	11	12	8-12	M10-1.25	84.8	21.3	12	8-12
100580 A	8	12	16	M22-1.50	64.5	33	24	SHP
100581	10.5	12	10	M10-1.25	81.1	22.5	12	7
100583	9.5	12		M18-1.50	86	38	21	10-12
100587	11	12	10	M10-1.00	150	26.5	8	7-10
100589	11	12	7-10	M10-1.25	102.3	28	12	5-11
100590	11	12	8	M10-1.25	158	36	10	7-10
100591	11	12	7-10	M10-1.25	144	23.5	12	
100592 A	11	12	9-13	M10-1.00	98.5	24	10	6-11
100593 A	11	12		M10-1.00	117.3	28.3	8	5-11
100594	11	12	7-10	M10-1.25	134.3	30.5	10	6-11
100595	11	12	6-11	M10-1.00	112	29.5	10	5-11
100596	11.5	12	7-10	M10-1.00	121	40	10	
100600	24	24	XX	7/8" UNF	59	20	24	SHP
100601	XX	24	XX	7/8" UNF	XX	XX	XX	SHP
100614	5	12	XX	M10-1.00	82	27	3/8"	XX
100615	11.5	12	XX	M10-1.00	82	27	3/8"	XX
100616	11	12	XX	M10-1.00	129.5	31	3/8"	XX
100619	XX	12	XX	M10-1.25	74.8	24.8	12	7-15
100622	11	12	7	M8-1.00	126	24.5	8	3-9 ^b
100624	5	12	7	M8-1.00	118.5	27	8	3-9 ^b
100625	XX	12	XX	XX	X	X	X	XX
100628	11	12	9	M10-1.00	87.75	17.75	12	9-13



- 1 Post heating type
- 2 Double coil, post heating type
- 3 Long type, Double coil
- 4 Ultra long, Double coil

SHP = Special heater plug



100177 A

Replacing Bosch 0257 100 010, CAV 1854050

Servicing Cold start heater plug for various diesel.

11.5 V. 13 Amp.



100600

Replacing Delphi 1854060 Thread 7/8" UNF

24 V.



100580 A

Replacing Beru GF859, Ford 92VB 9N424 AA, -BA

Servicing Cold start heater plug for various diesel.

8 V. 16 Amp.



100601

Replacing Delphi 1854090, 1854115 Thread 7/8" UNF

24 V.



Glow Plug Controller Descriptions

CARGO	Pre-heating time in sec. at +20°C	Postheating		Temperature measurement		Characteristic	CARGO	Pre-heating time in sec. at +20°C	Postheating		Temperature measurement		Characteristic
		W/	W/o	Int.	Ext.				W/	W/o	Int.	Ext.	
160416	< 8		✓	✓			160442	< 9		✓	✓		W/ defect warning
160417	< 13		✓	✓			160443	< 9		✓	✓		W/ defect warning
160418	< 8	✓		✓			160444	< 9		✓	✓		W/ defect warning
160419	< 6	✓		✓			160445	< 9	✓			✓	W/ defect warning
160420	< 8	✓			✓		160446	< 9	✓			✓	W/ defect warning
160421	< 4	✓			✓		160447	< 9	✓			✓	W/ defect warning
160422	< 18		✓		✓		160448	< 9	✓			✓	W/ defect warning
160423	< 14		✓	✓			160449	< 7	✓		✓		
160424	< 8		✓	✓			160450	< 9		✓	✓		W/ defect warning
160425	< 9		✓	✓			160451	< 7	✓			✓	Impulse postheating time
160426	< 7	✓		✓			160452						Technical specification on request
160427	< 14	✓		✓			160453						Switching relay - control by ECU
160428	< 8	✓		✓		W/ postheating cut-out	160454						
160429	< 13		✓	✓			160455						
160430	< 5	✓		✓			160456						
160431	< 10		✓	✓		Coding at plug	160457						
160432	< 7	✓		✓		W/ postheating cut-out, impulse postheating time	160458	< 12	✓			✓	
160433	< 9	✓			✓		160459						Switching relay - control by ECU
160434	< 8	✓			✓		160460						Switching relay - control by ECU
160435	< 12	✓		✓			160461						Switching relay - control by ECU
160436	< 8	✓			✓	W/ postheating cut-out	160463	< 9	✓			✓	W/ defect warning
160438	< 10	✓				Impulse postheating time	160464	< 5		✓		✓	
160439	< 5	✓		✓	✓		160469	< 5	✓		✓		
160440	< 9	✓		✓	✓	✓	160705	< 9	✓			✓	
160441	< 9		✓	✓		W/ defect warning	160706	< 9	✓			✓	

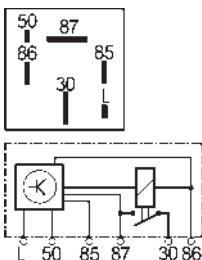
Terminal Designations

15 **Ignition controlled feed** (ignition / key switch)
 30 **Feed from positive battery terminal, direct**
 31 **Earth or battery negative**
 50 **Starter feed** (direct)
 Switching relays
 85 Finish of winding (earth)
 86 Start of winding
 87 Output
 87b Second output
 A **Finish of winding** (earth)
 ALFB **Output glow plug**
 B1 **Start of winding**
 B2 **Start of winding**
 Generator and generator regulator
 B+ Battery positive, generator output
 CTN **Temperature signal**

EVKSB **Electrical coldstart valve**
 G **Output glow plug**
 L **Controllamp**
 LA **Controllamp**
 n.c. **No connection**
 PC **Throttle position signal**
 S **Throttle position signal**
 S1 **Output glow plug**
 S2 **Output glow plug**
 SB **Ground**
 T **Temperature signal**
 TEC **Thermo switch**
 T/NTC **Temperature signal**

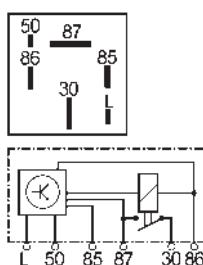
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Terminal Designations
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Glow Plug Controllers



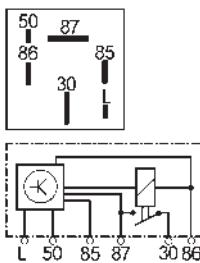
160416

Replacing 1238565.
Servicing Ford, Opel, Vauxhall.
12 V.
6 terminals.



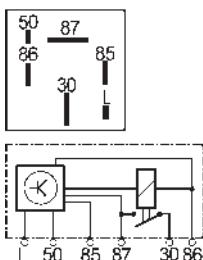
160417

Replacing 5000 409614.
Servicing Renault.
12 V.
6 terminals.



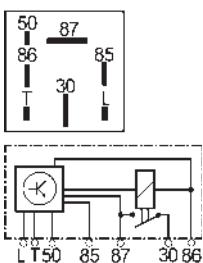
160418

Replacing 6132248.
Servicing Ford.
12 V.
Post heating type.
6 terminals.



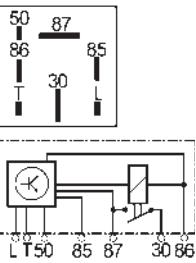
160419

Replacing 0281 003 098, HDC 111.
Servicing Ford, Opel, Vauxhall.
12 V.
Post heating type.
6 terminals.



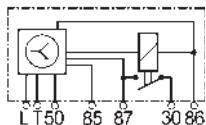
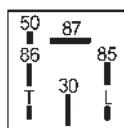
160420

Replacing 0250 201 933, 0333 402 512, 171911261A.
Servicing Audi, Seat, VW.
12 V.
Post heating type.
7 terminals.



160421

Replacing 0281 003 099, 191911261A.
Servicing Audi, VW.
12 V.
Post heating type.
7 terminals.

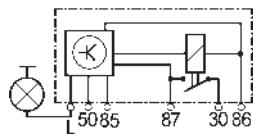
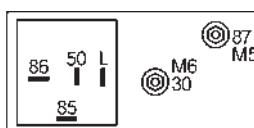
Glow Plug Controllers

160422

Replacing 321 191 261C.

Servicing VW.

12 V.

7 terminals.

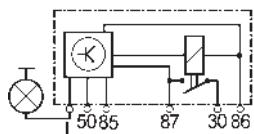
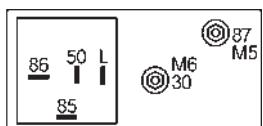

160424

Replacing 0250 201 952, 0333 402 509, 598111.

Servicing Citroen, Fiat, Iveco, Nissan, Peugeot, Renault, Rover.

12 V.

6 terminals.

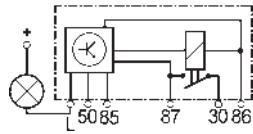
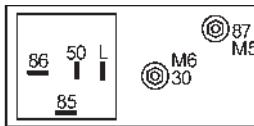

160423

Replacing 0333 402 501, 5981.10.

Servicing Alfa Romeo, Citroen, Fiat, Peugeot.

12 V.

6 terminals.


160425

Replacing 0333 402 513, 0333 402 524, 7700 757 776.

Servicing Alfa Romeo, Renault.

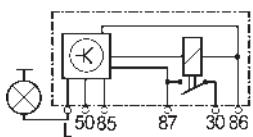
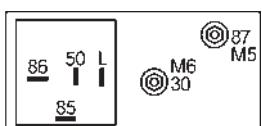
12 V.

6 terminals.

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page 127

Glow Plug Controllers



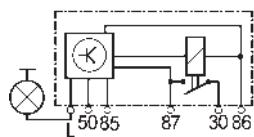
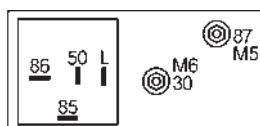
160426

Replacing 46428175, 59737540, 75896560, 76647630.
Servicing Fiat.

12 V.

Post heating type.

6 terminals.



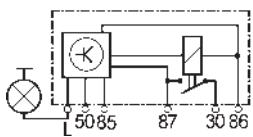
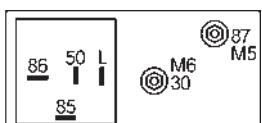
160428

Replacing 0333 402 520, 16206450100, 4686062.
Servicing Alfa Romeo, Chrysler.

12 V.

Post heating type.

6 terminals.



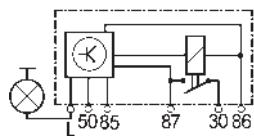
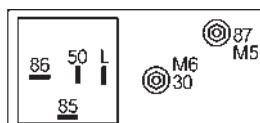
160427

Replacing 5946920, 061830058020.
Servicing Fiat, Seat.

12 V.

Post heating type.

6 terminals.

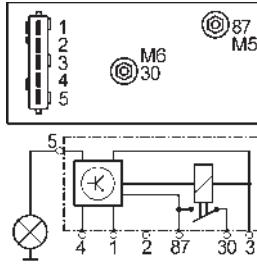
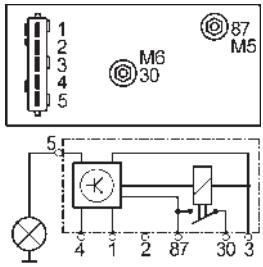
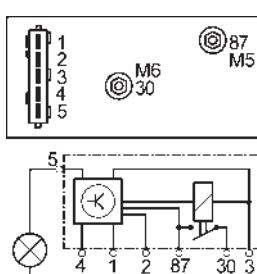
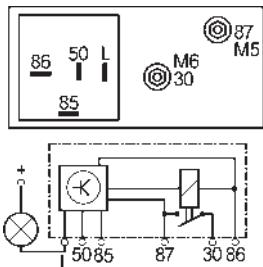


160429

Replacing 7700 733 390.
Servicing Renault.

12 V.

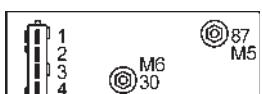
6 terminals.

Glow Plug Controllers


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Glow Plug Controller and
Terminal Designations
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Glow Plug Controllers



1=85/31 2=T/NTC 3=86/15 4=50 5=Controllamp

160434

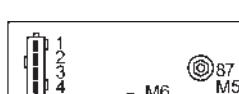
Replacing 0281 003 006, 0281 003 012, 598124.

Servicing Citroen, Fiat, Peugeot.

12 V.

Post heating type.

7 terminals.



1=85/31 2=T/NTC 3=86/15 4=50 5=Controllamp 6=n.c. 7=S

160436

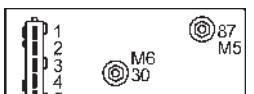
Replacing 0281 003 009, 5981121.

Servicing Citroen, Rover.

12 V.

Post heating type.

9 terminals.



1=85/31 2=n.c. 3=86/15 4=50 5=Controllamp

160435

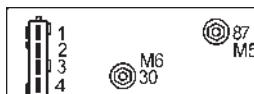
Replacing 43423043, 46423043.

Servicing Citroen, Fiat, Lancia.

12 V.

Post heating type.

7 terminals.



1=85/31 2=T/NTC 3=86/15 4=50 5=Controllamp

160453

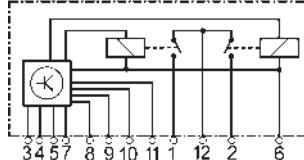
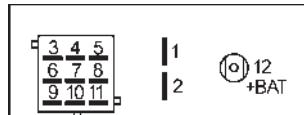
Replacing 5981.31.

Servicing Citroen, Peugeot.

12 V.

Post heating type.

7 terminals.

Glow Plug Controllers


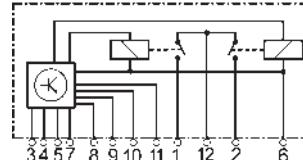
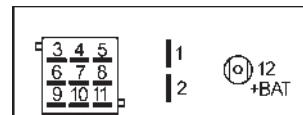
1=87(plug 1+2) 2=87b(plug 3+4) 3=n.c. 4=PC 5=TEC
6=86/15 7=50 8=Controllamp 9=EVKSB 10=85/31 11=Clim 12=30

160438

Replacing HDC 124, 7700790579, 7700851443.
Servicing Renault.

12 V.

Post heating type.
12 terminals.



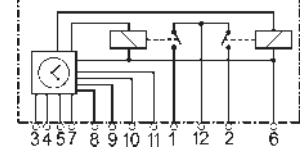
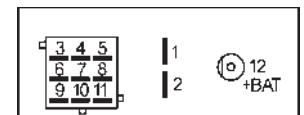
1=87(plug 1+2) 2=87b(plug 3+4) 3=S2 4=PC 5=CTN
6=86/15 7=50 8=Controllamp 9=S1 10=85/31 11=Clim 12=30

160440

Replacing 7700869 319.
Servicing Renault.

12 V.

Post heating type.
12 terminals.



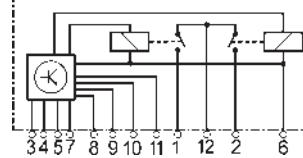
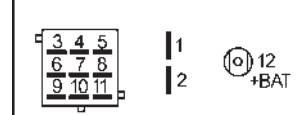
1=87(plug 1+2) 2=87b(plug 3+4) 3=ALFB 4=PC 5=T/NTC
6=86/15 7=50 8=Controllamp 9=EVKSB 10=85/31 11=Clim 12=30

160439

Replacing 7700 863 626, 7700 102 036.
Servicing Renault.

12 V.

Post heating type.
12 terminals.



1=87(plug 1+2) 2=87b(plug 3+4) 3=ALFB 4=PC 5=T/NTC 6=86/15 7=50
8=Controllamp 9=EVKSB 10=85/31 11=Clim 12=30/+BAT.

160452

Replacing 7700 870 715, 7700870 715/A, 7700 870 715/B.
Servicing Renault.

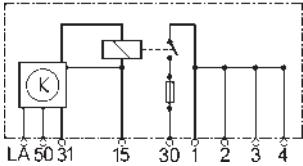
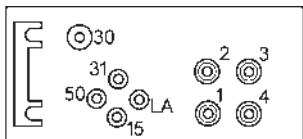
12 V.

12 terminals.

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page 127

Glow Plug Controllers



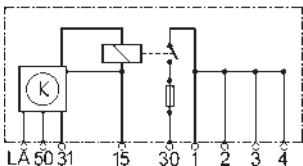
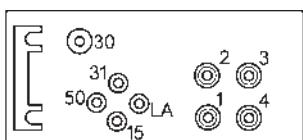
160441

Replacing 0333 402 505, 0333 402 506, 002 545 0532.

Servicing Mercedes.

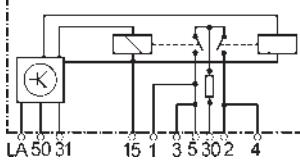
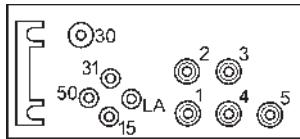
12 V.

9 terminals.



160442

As Cargo 160441, but w/ fixing on opposite side.



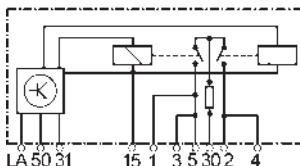
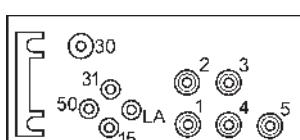
160443

Replacing 0333 402 507, 0333 402 508, 001 545 9832.

Servicing Mercedes.

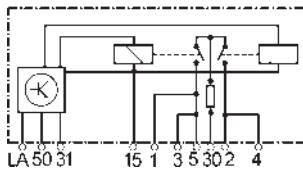
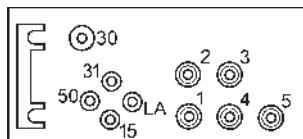
12 V.

10 terminals.



160445

As Cargo 160443, but w/ fixing on opposite side.

Glow Plug Controllers

160449

Replacing 0281 003 096, 025 545 5432.

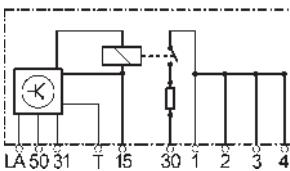
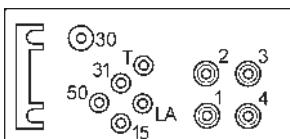
Servicing Mercedes.

12 V. Post heating type.

Exchange Cargo 160441 and 160443 in connection

with change to post heating glow plug.

10 terminals.


160445

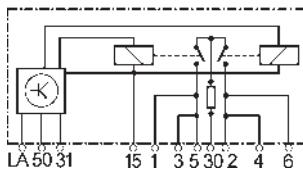
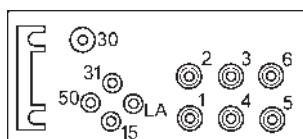
Replacing 007 545 9832.

Servicing Mercedes.

12 V.

Post heating type.

10 terminals.

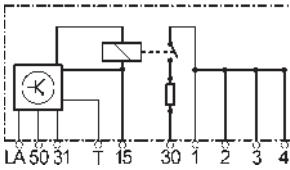
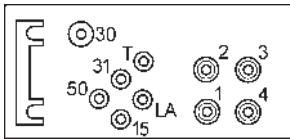

160444

Replacing 005 452 4532, 003 545 2532.

Servicing Mercedes.

12 V.

11 terminals.


160446

Replacing 008 545 0032.

Servicing Mercedes.

12 V.

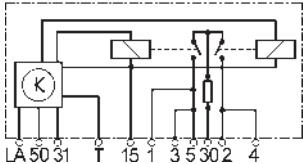
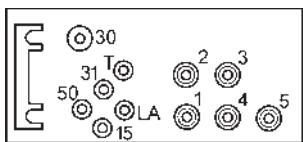
Post heating type.

10 terminals.

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Glow Plug Controllers



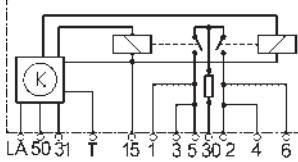
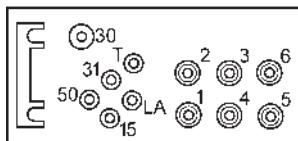
160447

Replacing 007 545 9932.

Servicing Mercedes.

12 V.

11 terminals.



160448

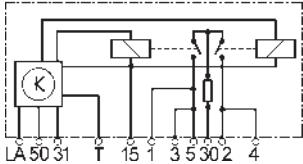
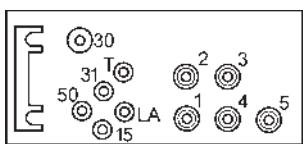
Replacing 007 545 1632.

Servicing Mercedes.

12 V.

Post heating type.

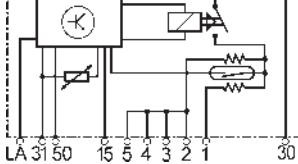
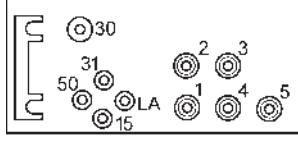
12 terminals.



160463

As Cargo 160447, but w/ fixing on the opposite side.

12 V.



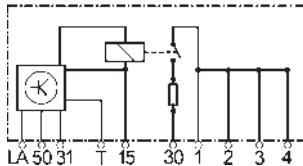
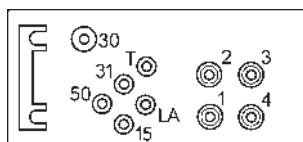
160455

Replacing 003 545 1032.

Servicing Mercedes.

12 V.

10 terminals.

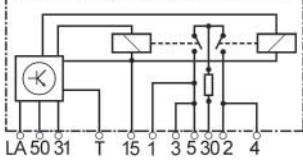
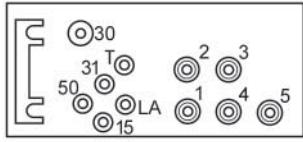
Glow Plug Controllers

160705

Replacing 012 545 8832

Servicing Mercedes

12 V.

10 terminals

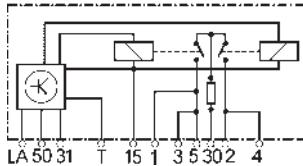
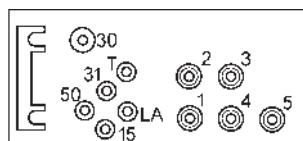

160707

Replacing 018 545 7232

Servicing Mercedes

12 V.

11 terminals

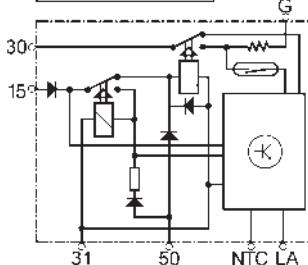
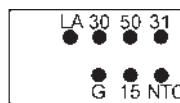
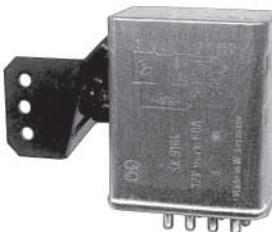

160706

Replacing 012 545 8932

Servicing Mercedes

12 V.

11 terminals


160454

Replacing 001 545 2232.

Servicing Mercedes.

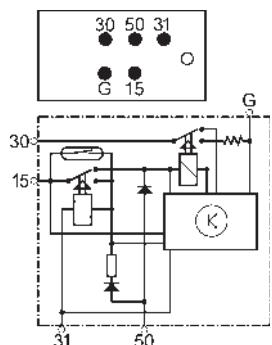
12 V.

7 terminals

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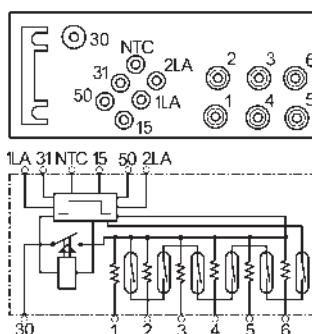
160456

Replacing 001 545 1832.

Servicing Mercedes.

12 V.

5 terminals.



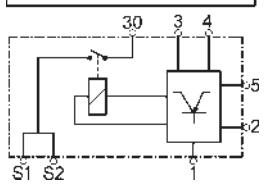
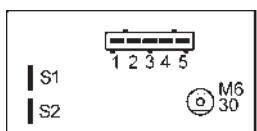
160457

Replacing 1 285 085.

Servicing BMW.

12 V.

13 terminals.



1=85/31 2=T/NTC 3=86/15 4=50 5=Controllamp
M6=30 S1=87 S2=87a

160451

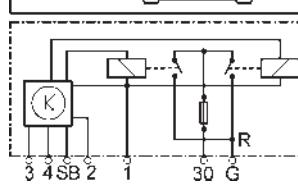
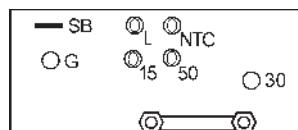
Replacing 7700 866 727.

Servicing Renault.

12 V.

Post heating type.

8 terminals.



1=L 2=NTC 3=50 4=15 SB=31 G=87

160458

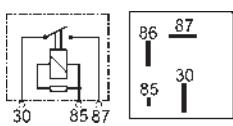
Replacing 1363438, 9162987.

Servicing Volvo.

12 V.

7 terminals.

Post heating type.

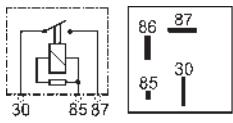
Glow Plug Controllers

160459

Replacing 357 911 253A.

Servicing VW.

12 V. 4 terminals.

UWD type.

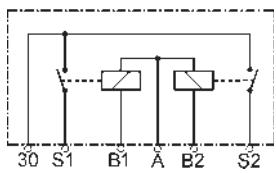
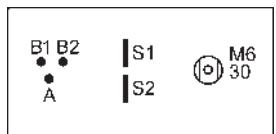

160460

Replacing 357 911 253.

Servicing VW.

12 V. 4 terminals

For engines w/ electronic diesel control (EDC).



A=85/31 B1=86 B2=86a S1=87 S2=87a M6=30/+Bat.

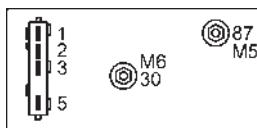
160461

Replacing 7700 107 794, 7700 867 558C, 30872555.

Servicing Renault, Volvo.

12 V.

6 terminals.

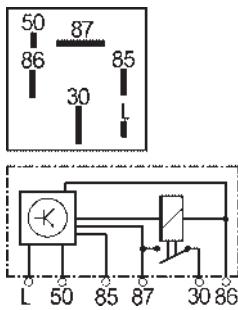

160464

Replacing 46438456.

Servicing Alfa Romeo, Citroen, Fiat, Lancia, Peugeot, Renault.
For engines w/ electronic diesel control (EDC).

12 V.

6 terminals.


160469

Replacing 93BB 6M092AA, BA.

Servicing Ford

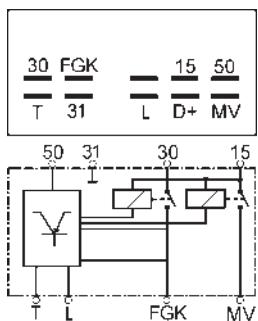
12 V.

6 terminals.

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page 127

Glow Plug Controllers



160462

Replacing 98 411 034, 99 484 736.

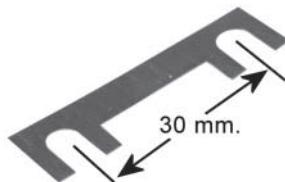
Servicing Iveco.

12 V.

9 terminals.

For flame start system.

Fuses



Strip type.

Small size.

DIN 72581.

Std pkg 10

Amp.

191184	A	30
191185	A	40
191186	A	50
191187	A	60
191188	A	80
191189	A	100
192338		150



ASSORTMENTS

PART 6

6th Edition



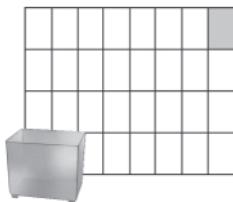
ISO/TS 16949:2002 certified supplier

Contents

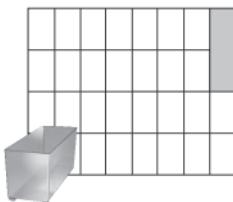
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806005	Adjustment Shims 7.25 mm	146
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806026	Adjustment Shims 9.40 mm Servicing CAV	147
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Assortment Box and Inserts

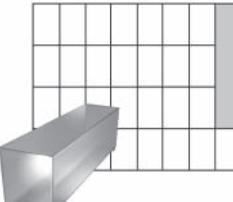
200663 Std pkg 6
Profi Service Case, empty.
Can be divided using inserts.
57 x 340 x 265 mm.
Polypropylene (Unbreakable).

**INSERTS FOR
ASSORTMENT BOXES**
**Polypropylene
(Unbreakable)**

200664 Std pkg 96
45 x 40 x 55 mm.



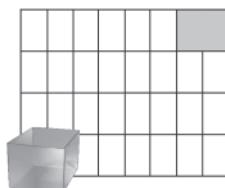
200665 Std pkg 48
45 x 40 x 110 mm.



200666 Std pkg 30
45 x 40 x 165 mm.



200667 Std pkg 24
45 x 40 x 220 mm.



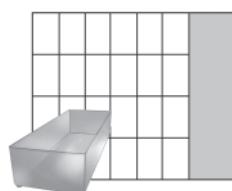
200668 Std pkg 48
45 x 80 x 50 mm.



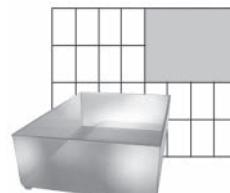
200669 Std pkg 24
45 x 160 x 55 mm.



200670 Std pkg 15
45 x 220 x 55 mm.



200672 Std pkg 12
45 x 80 x 220 mm.



200673 Std pkg 12
45 x 160 x 110 mm.



200676
Display for 4 Profi Service Cases.
Dim.: 330 x 360 x 200 mm

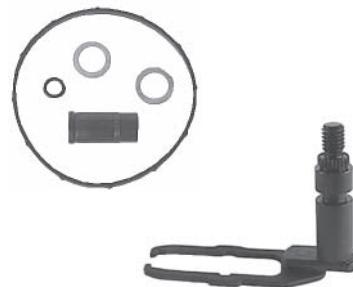


200693
Display for 4 Profi service cases.
Dim.: 373 x 313 x 265 mm
Can be assembled horizontal or vertical.

Throttle Shafts I - Repl. Bosch

806003

080136	Throttle shaft VE	1
080139	Throttle shaft VE	1
080140	Throttle shaft VE	1
080141	Throttle shaft VE	1
080142	Throttle shaft VE	1
080143	Throttle shaft VE	1
080144	Throttle shaft VE	1
080145	Throttle shaft VE	1
080146	Throttle shaft VE	1
080154	Throttle shaft VE	1
080166	Bushing, O-ring kit	1
080169	Bushing, O-ring kit	1
080170	Bushing, O-ring kit	1



Throttle Shafts II - Repl. Bosch

806029

	Qty.
080161	Bushing for cover
080162	5
080163	Bushing for cover
080164	3
080165	Bushing for cover
080166	5
080167	Bushing for cover
080168	5
080169	Bushing for cover
080170	5
080232	Bushing for cover
080123	3
080124	Throttle shaft
080141	1
080755	Throttle shaft
080828	1
081112	Throttle shaft
080420	1
080098	O-ring for throttle shaft
080099	20
080098	Cover gasket
080099	10
080098	Cover gasket
080099	10

	Qty.
080972	Cover gasket
080009	10
080009	Sealing ring
080009	100



Solenoid Stops

806024

	Qty.
080177	Solenoid stop, 12 V.
080178	2
080207	Solenoid stop, 24 V.
080209	1
080210	Solenoid stop, 12 V.
080212	1
080595	Solenoid stop, 24 V.
080595	1
080595	Solenoid stop, 12 V.
080595	1



Throttle Shafts & Cover Gaskets - Repl. CAV

806008

	Qty.
080186	Throttle shafts
080187	2
080188	Throttle shafts DPS
080189	2
080190	Throttle shafts
080191	2
080192	Throttle shafts DPC
080193	2
080194	O-rings
080204	20
080205	Gasket cover DPC
080205	5
080738	Gasket cover DPA
080753	5
080932	Bushing for cover DPC
080932	5
080932	Gasket cover DPS
080932	5



Throttle Shafts - Japanese Applications
806014

	Qty.
080099 Gasket cover VE	1
080215 Throttle shaft VE	1
080218 Throttle shaft VE	1
080220 Throttle shaft VE	1
080221 Throttle shaft VE	1
080222 Throttle shaft VE	1
080223 Throttle shaft VE	1
080420 O-ring	10


Nozzle Holder Parts
806012

Qty.		Qty.	
080331 Pins for nozzle holders	2	080345 Injector spacers	2
080332 Pins for nozzle holders	2	080346 Injector spacers	2
080333 Pins for nozzle holders	2	080347 Injector spacers	2
080334 Pins for nozzle holders	2	080348 Injector spacers	2
080335 Pins for nozzle holders	2	080353 Injector spacers	2
080336 Pins for nozzle holders	2		
080337 Pins for nozzle holders	2		
080338 Injector spacers	2		
080339 Injector spacers	2		
080340 Injector spacers	2		
080341 Injector spacers	2		
080342 Injector spacers	2		
080343 Injector spacers	2		
080344 Injector spacers	2		


Flame Arresters - European Applications
806009

Qty.		Qty.	
080039 Flame arresters, steel	6	080405 Flame arresters, steel	6
080231 Flame arresters, steel	6	080407 Flame arresters, steel	6
080385 Flame arresters, steel	6	080408 Flame arresters, steel	6
080386 Flame arresters, steel	6	080409 Flame arresters, steel	6
080388 Flame arresters, steel	6	080413 Flame arresters, steel	6
080390 Flame arresters, steel	6	080421 Flame arresters, steel	6
080392 Flame arresters, steel	6	080732 Flame arresters, steel	6
080393 Flame arresters, steel	6	080736 Flame arresters, steel	6
080394 Flame arresters, steel	6	080748 Flame arresters, steel	6
080395 Flame arresters, steel	6		
080397 Flame arresters, copper	6		
080398 Flame arresters, steel	6		
080400 Flame arresters, copper	6		
080402 Flame arresters, copper	6		


**Flame Arresters & Thermal Washers
Japanese Applications**
806010

Qty.		Qty.	
080236 Flame arresters, brass	6	080415 Thermal washers, brass	6
080399 Flame arresters, brass	6	080416 Thermal washers, steel	6
080400 Flame arresters, copper	6	080417 Thermal washers, copper	6
080401 Flame arresters, copper	6	080418 Thermal washers, brass	6
080402 Flame arresters, copper	6	080419 Thermal washers, brass	6
080403 Flame arresters, copper	6		
080404 Flame arresters, steel	6		
080406 Flame arresters, brass	6		
080410 Flame arresters, copper	6		
080411 Flame arresters, copper	6		
080412 Flame arresters, copper	6		
080423 Flame arresters, steel	6		
080677 Flame arresters, brass	6		
080414 Thermal washers, brass	6		



Thermal Washers

806011

	Qty.
080296	Thermal washers, copper.....10
080424	Thermal washers, copper.....10
080425	Thermal washers, copper.....10
080426	Thermal washers, copper.....10
080427	Thermal washers, copper.....10
080428	Thermal washers, copper.....10
080429	Thermal washers, copper.....10
080430	Thermal washers, copper.....10
080431	Thermal washers, copper.....10
080432	Thermal washers, copper.....10
080433	Thermal washers, copper.....10
080434	Thermal washers, copper.....10
080435	Thermal washers, copper.....10
080436	Thermal washers, copper.....10
080437	Thermal washers, aluminium 10

	Qty.
080438	Thermal washers, copper.....10
080439	Thermal washers, copper.....10
080440	Thermal washers, copper.....10
080441	Thermal washers, copper.....10
080442	Thermal washers, copper.....10
080443	Thermal washers, copper.....10
080444	Thermal washers, copper.....10
080446	Thermal washers, copper.....10
080447	Thermal washers, copper.....10
080448	Thermal washers, copper.....10
080449	Thermal washers, steel/asbestos10
080450	Thermal washers, copper.....10
080452	Thermal washers, copper.....10
080453	Thermal washers, copper.....10
080454	Thermal washers, copper.....10

	Qty.
080456	Thermal washers, copper.....10
080688	Thermal washers, copper.....10



Adjustment Shims O.D. 6.80 mm. I.D. 3.2 mm.

806004

	Qty.
080507	Shims for nozzle holders.....10
080508	Shims for nozzle holders.....10
080509	Shims for nozzle holders.....10
080510	Shims for nozzle holders.....10
080511	Shims for nozzle holders.....10
080512	Shims for nozzle holders.....10
080513	Shims for nozzle holders.....10
080514	Shims for nozzle holders.....10
080515	Shims for nozzle holders.....10
080516	Shims for nozzle holders.....10
080517	Shims for nozzle holders.....10
080518	Shims for nozzle holders.....10
080519	Shims for nozzle holders.....10
080520	Shims for nozzle holders.....10

	Qty.
080521	Shims for nozzle holders.....10
080522	Shims for nozzle holders.....10
080523	Shims for nozzle holders.....10
080524	Shims for nozzle holders.....10
080525	Shims for nozzle holders.....10
080526	Shims for nozzle holders.....10



Adjustment Shims O.D. 7.25 mm. I.D. 3.0 m.

806005

	Qty.
080486	Shims for nozzle holders.....10
080487	Shims for nozzle holders.....10
080488	Shims for nozzle holders.....10
080489	Shims for nozzle holders.....10
080490	Shims for nozzle holders.....10
080491	Shims for nozzle holders.....10
080492	Shims for nozzle holders.....10
080493	Shims for nozzle holders.....10
080494	Shims for nozzle holders.....10
080495	Shims for nozzle holders.....10
080496	Shims for nozzle holders.....10
080497	Shims for nozzle holders.....10
080498	Shims for nozzle holders.....10
080499	Shims for nozzle holders.....10

	Qty.
080500	Shims for nozzle holders.....10
080501	Shims for nozzle holders.....10
080502	Shims for nozzle holders.....10
080503	Shims for nozzle holders.....10
080504	Shims for nozzle holders.....10
080505	Shims for nozzle holders.....10
080506	Shims for nozzle holders.....10



Adjustment Shims O.D. 8.50 mm. I.D. 3.0 mm.

806025

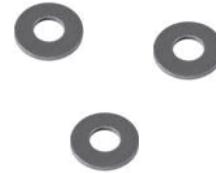
	Qty.
080876	Shims for nozzle holders.....10
080877	Shims for nozzle holders.....10
080878	Shims for nozzle holders.....10
080879	Shims for nozzle holders.....10
080880	Shims for nozzle holders.....10
080881	Shims for nozzle holders.....10
080882	Shims for nozzle holders.....10
080883	Shims for nozzle holders.....10
080884	Shims for nozzle holders.....10
080885	Shims for nozzle holders.....10
080886	Shims for nozzle holders.....10
080887	Shims for nozzle holders.....10
080888	Shims for nozzle holders.....10
080889	Shims for nozzle holders.....10

	Qty.
080890	Shims for nozzle holders.....10
080891	Shims for nozzle holders.....10
080892	Shims for nozzle holders.....10
080893	Shims for nozzle holders.....10
080894	Shims for nozzle holders.....10
080895	Shims for nozzle holders.....10
080896	Shims for nozzle holders.....10
080897	Shims for nozzle holders.....10
080898	Shims for nozzle holders.....10
080899	Shims for nozzle holders.....10
080900	Shims for nozzle holders.....10



**Adjustment Shims O.D. 9.40 mm. I.D. 4.0 mm.
Servicing CAV**
806026

Qty.		Qty.	
080901	Shims for nozzle holders 10	080915	Shims for nozzle holders 10
080902	Shims for nozzle holders 10	080916	Shims for nozzle holders 10
080903	Shims for nozzle holders 10	080917	Shims for nozzle holders 10
080904	Shims for nozzle holders 10	080918	Shims for nozzle holders 10
080905	Shims for nozzle holders 10	080919	Shims for nozzle holders 10
080906	Shims for nozzle holders 10	080920	Shims for nozzle holders 10
080907	Shims for nozzle holders 10	080921	Shims for nozzle holders 10
080908	Shims for nozzle holders 10	080922	Shims for nozzle holders 10
080909	Shims for nozzle holders 10	080923	Shims for nozzle holders 10
080910	Shims for nozzle holders 10	080924	Shims for nozzle holders 10
080911	Shims for nozzle holders 10	080925	Shims for nozzle holders 10
080912	Shims for nozzle holders 10		
080913	Shims for nozzle holders 10		
080914	Shims for nozzle holders 10		


Adjustment Shims O.D. 9.80 mm. I.D. 3.2 mm.
806006

Qty.		Qty.	
080325	Shims for nozzle holders 10	080477	Shims for nozzle holders 10
080326	Shims for nozzle holders 10	080478	Shims for nozzle holders 10
080327	Shims for nozzle holders 10	080479	Shims for nozzle holders 10
080328	Shims for nozzle holders 10	080480	Shims for nozzle holders 10
080329	Shims for nozzle holders 10	080481	Shims for nozzle holders 10
080468	Shims for nozzle holders 10	080482	Shims for nozzle holders 10
080469	Shims for nozzle holders 10	080483	Shims for nozzle holders 10
080470	Shims for nozzle holders 10	080484	Shims for nozzle holders 10
080471	Shims for nozzle holders 10	080485	Shims for nozzle holders 10
080472	Shims for nozzle holders 10		
080473	Shims for nozzle holders 10		
080474	Shims for nozzle holders 10		
080475	Shims for nozzle holders 10		
080476	Shims for nozzle holders 10		


Adjustment Shims O.D. 11.50 mm. I.D. 5.0 mm.
806007

Qty.		Qty.	
080299	Shims for nozzle holders 10	080313	Shims for nozzle holders 10
080300	Shims for nozzle holders 10	080314	Shims for nozzle holders 10
080301	Shims for nozzle holders 10	080315	Shims for nozzle holders 10
080302	Shims for nozzle holders 10	080316	Shims for nozzle holders 10
080303	Shims for nozzle holders 10	080317	Shims for nozzle holders 10
080304	Shims for nozzle holders 10	080318	Shims for nozzle holders 10
080305	Shims for nozzle holders 10	080319	Shims for nozzle holders 10
080306	Shims for nozzle holders 10	080320	Shims for nozzle holders 10
080307	Shims for nozzle holders 10	080321	Shims for nozzle holders 10
080308	Shims for nozzle holders 10	080322	Shims for nozzle holders 10
080309	Shims for nozzle holders 10	080323	Shims for nozzle holders 10
080310	Shims for nozzle holders 10	080324	Shims for nozzle holders 10
080311	Shims for nozzle holders 10		
080312	Shims for nozzle holders 10		


Hollow Screws & Sealing Rings
806016

Qty.		Qty.	
080251	Hollow screws 10	190815	Sealing rings 100
080257	Hollow screws 10	190817	Sealing rings 100
080252	Hollow screws 10	190826	Sealing rings 100
080254	Hollow screws 10	190828	Sealing rings 100
080255	Hollow screws 10	191489	Sealing rings 100
080258	Hollow screws 5		
080256	Hollow screws 5		
080253	Hollow screws 10		
080009	Sealing rings 100		
080290	Sealing rings 20		
190806	Sealing rings 100		
190808	Sealing rings 100		
190809	Sealing rings 100		
190812	Sealing rings 100		



Hose Nipples**807002**

	Qty.
070009	R 1/8", 6.0 mm. hose I.D.3
070067	R 1/4", 10.0 mm. hose I.D.3
080855	R 1/2", 10.0 mm. hose I.D.3
070077	1/8-27 NPTF, 6.0 mm. hose I.D.3
080955	1/8-27 NPFT, 8.0 mm. hose I.D.3
080960	1/2"-20 UNF, 10.0 mm. hose I.D.3
080954	M14-1.5, 6.0 mm. hose I.D.3
080854	M14-1.5, 8.0 mm. hose I.D.3
080959	M14-1.5, 10.0 mm. hose I.D.3
080858	M16-1.5, 8.0 mm. hose I.D.3
070070	M16-1.5, 10.0 mm. hose I.D.3

	Qty.
080958	M18-1.5, 10.0 mm. hose I.D.3

**Sealing Rings I****804020**

	Qty.
190807	Alumin. 12 / 16 x 1.5 mm20
190811	Alumin. 14 / 18 x 1.5 mm20
190813	Alumin. 14 / 20 x 1.5 mm20
190823	Copper 6 / 10 x 1.0 mm20
190824	Copper 6 / 12 x 1.0 mm20
190826	Copper 8 / 12 x 1.0 mm20
190828	Copper 8 / 14 x 1.0 mm20
080009	Copper 10 / 14 x 1.0 mm20
190806	Copper 10 / 16 x 1.0 mm20
190808	Copper 12 / 16 x 1.5 mm20
190809	Copper 12 / 18 x 1.5 mm20
191358	Copper 12 / 24 x 1.0 mm20
190810	Copper 13 / 18 x 1.5 mm20
190812	Copper 14 / 18 x 1.5 mm20

	Qty.
190815	Copper 14 / 20 x 1.5 mm20
190816	Copper 16 / 20 x 1.0 mm20
190817	Copper 16 / 20 x 1.5 mm20
190818	Copper 16 / 22 x 1.5 mm20
191489	Copper 16 / 24 x 1.5 mm20
190819	Copper 18 / 22 x 1.5 mm20
190820	Copper 18 / 24 x 1.5 mm20
191490	Copper 18 / 26 x 1.5 mm20
190821	Copper 20 / 26 x 1.5 mm20
190822	Copper 22 / 27 x 1.5 mm20

**Sealing Rings II****806002**

	Qty.
080018	Steel/rubber sealing rings20
080019	Steel/rubber sealing rings20
080020	Steel/rubber sealing rings20
080021	Steel/rubber sealing rings20
080022	Steel/rubber sealing rings20
080024	Steel/rubber sealing rings20
080025	Steel/rubber sealing rings20
080026	Asbestos/copper washers20
080027	Asbestos/copper washers20
080028	Asbestos/copper washers20
080029	Asbestos/copper washers20
080030	Asbestos/copper washers20

**Sealing Rings III****806028**

	Qty.
080018	Steel/rubber sealing rings10
080019	Steel/rubber sealing rings10
080020	Steel/rubber sealing rings10
080021	Steel/rubber sealing rings10
080022	Steel/rubber sealing rings10
080024	Steel/rubber sealing rings10
080025	Steel/rubber sealing rings10
080865	Steel/rubber sealing rings10
080866	Steel/rubber sealing rings10
080867	Steel/rubber sealing rings10
080868	Steel/rubber sealing rings10
080869	Steel/rubber sealing rings10
080870	Steel/rubber sealing rings10
080871	Steel/rubber sealing rings10

	Qty.
080872	Steel/rubber sealing rings10



Rubber Clamps
804021

	Qty.
190899	6.4 mm 10
190900	7.9 mm 10
190901	9.5 mm 10
190902	11.1 mm 10
190903	12.7 mm 5
190904	14.1 mm 5
190905	15.9 mm 5
190906	17.5 mm 5
190907	19.0 mm 5
190908	22.2 mm 5
190909	25.4 mm 5
191417	28.6 mm 5


Angle Joints & Fork Heads
806017

	Qty.
080653	Angle joint M5-0.80 10
080654	Angle joint M6-1.00 10
080655	Angle joint M8-1.25 5
080656	Angle joint M10-1.50 5
080657	Angle joint M12-1.75 5
080658	Ball studs 6 x 1.00 mm 10
080659	Fork heads M6 L. 12 mm 5
080660	Fork heads M8 L. 16 mm 5
080661	Fork heads M8 L. 32 mm 5
080662	Fork joint bolt 6 x 18 mm 10
080663	Fork joint bolt 6 x 22 mm 10
080664	Fork joint bolt 10 x 28 mm 10
080665	Fork joint bolt 12 x 35 mm 10
080666	Fork joint bolt 14 x 40 mm 10

	Qty.
190638	Cotter pins 3.2 x 32 mm 100
190632	Cotter pins 2.0 x 32 mm 100
191575	Cotter pins 1.5 x 15 mm 100
191577	Cotter pins 4.0 x 36 mm 50
191587	Cotter pins 4.0 x 25 mm 50


Cotter Pins, Fork Heads & Joints
806022

	Qty.
080662	Fork joint bolt 6 x 18 10
080663	Fork joint bolt 8 x 22 10
080664	Fork joint bolt 10 x 28 10
080665	Fork joint bolt 12 x 35 5
080666	Fork joint bolt 14 x 40 5
080843	Fork head 5 x 10 10
080659	Fork head 6 x 12 10
080660	Fork head 8 x 16 5
080661	Fork head 8 x 32 5
191575	Cotter pin 1.6 x 16 200
190632	Cotter pin 2 x 32 200
190633	Cotter pin 2 x 40 200
190634	Cotter pin 2.5 x 25 200
191576	Cotter pin 3.2 x 25 200

	Qty.
190638	Cotter pin 3.2 x 32 200
191587	Cotter pin 4.0 x 25 100
191577	Cotter pin 4.0 x 36 100


Special Hex Nuts
804028

	Qty.
190520	Hex nut M3 200
190521	Hex nut M4 200
190524	Self-locking hex nut M5 200
190525	Self-locking hex nut M6 200
190527	Self-locking hex nut M8 200
190779	Hex nut M5 200
190780	Hex nut M6 200
190782	Hex nut M8 200
191302	Counter hex nut M5 200
191303	Counter hex nut M6 200
191304	Counter hex nut M8 100
191306	Hex flange nut M4 200
191307	Hex flange nut M5 200
191308	Hex flange nut M6 100

	Qty.
191513	Hex flange nut M8 50



Injector Washers & Overflow

806019

	Qty.
080351	Injector washers10
080389	Injector washers10
080457	Injector washers10
080458	Injector washers10
080459	Injector washers10
080460	Injector washers10
080723	Injector washers10
080778	Injector washers10
080779	Injector washers10
080581	Eye union overflow 1 outlet2
080582	Eye union overflow 1 outlet2
080583	Eye union overflow 2 outlets.....2
080584	Eye union overflow 2 outlets.....2
080585	Eye union overflow 3 outlets.....2

	Qty.
080586	Eye union overflow 3 outlets....2



Mini Clamps

804040

	Qty.
190005	Min. 6 mm - Max. 8.3 mm15
190006	Min. 7 mm - Max. 9.3 mm15
190007	Min. 8 mm - Max. 10.3 mm....15
190008	Min. 9 mm - Max. 11.3 mm....15
190009	Min. 9 mm - Max. 12.3 mm....10
190010	Min. 10 mm - Max. 13.3 mm..10
190937	Min. 11 mm - Max. 14.3 mm..10
190938	Min. 12 mm - Max. 15.3 mm..10



Ring Nipples & Hose Sleeves

806015

	Qty.
080259	Hose sleeves10
080260	Hose sleeves10
080261	Hose sleeves10
080262	Hose sleeves10
080263	Hose sleeves10
080264	Hose sleeves10
080265	Hose sleeves10
080237	Ring nipples5
080238	Ring nipples5
080239	Ring nipples5
080240	Ring nipples5
080241	Ring nipples5
080242	Ring nipples5
080243	Ring nipples5

	Qty.
080245	Double hose nipples5
080246	Double hose nipples5
080247	Double hose nipples5



Hollow Screws & Hose Nipples

806020

	Qty.
080003	Hose nipples3
080251	Hollow screws5
080252	Hollow screws5
080253	Hollow screws5
080254	Hollow screws5
080255	Hollow screws10
080256	Hollow screws10
080257	Double hollow screws10
080258	Double hollow screws10
080237	Hose nipples3
080238	Hose nipples3
080239	Hose nipples3
080240	Hose nipples3
080241	Hose nipples3

	Qty.
080242	Hose nipples3
080243	Hose nipples3
080246	Double hose nipples3
080247	Double hose nipples3



Pipe & Hose Nipples
806021

	Qty.
080274	Hose nipple 3 mm 3
080275	Hose nipple 5.5 mm 3
080276	Hose nipple 7.5 mm 3
080667	Pipe nut M10-1.0 3
080297	Pipe nut M12-1.5 3
080829	Elbow banjo 90° 3
080830	Elbow banjo 90° 3
080831	Elbow banjo 90° 3
080668	Pipe nut M14-1.5 3
080669	Pipe nut M16-1.5 3


Pipe Nipples & Brass Olives
806018

	Qty.
080269	Pipe nipples 3.0 mm 5
080270	Pipe nipples 4.0 mm 5
080271	Pipe nipples 6.0 mm 5
080272	Pipe nipples 8.0 mm 5
080273	Pipe nipples 10.0 mm 5
080287	Pipe connectors 12 x 1.5 mm 2
080288	Pipe connectors 14 x 1.5 mm 2
080289	Pipe connectors 16 x 1.5 mm 2
080281	Brass olives 10.1 mm 20
080277	Brass olives 4.1 mm 20
080278	Brass olives 5.1 mm 20
080279	Brass olives 6.1 mm 20
080280	Brass olives 8.1 mm 20
080268	Pipe bends 8.0 mm..... 5

	Qty.
080282	Brass olives 12.1 mm20


Protecting Plugs
804064

	Qty.
191857	Protecting plugs M8-1.0 100
191858	Protecting plugs M10-1.0 ... 100
191859	Protecting plugs M12-1.0 ... 100
191860	Protecting plugs M12-1.5 ... 100
191861	Protecting plugs M14-1.5 ... 100


Protecting Caps
804065

	Qty.
191862	Protecting caps M8-1.0 100
191863	Protecting caps M10-1.0 100
191864	Protecting caps M12-1.0.... 100
191865	Protecting caps M12-1.5 100
191866	Protecting caps M14-1.5 100



Plastic Caps**804041**

	Qty.
191364	Plastic cap 100
191365	Plastic cap 100
191366	Plastic cap 100
191367	Plastic cap 100
191368	Plastic cap 100
191369	Plastic cap 50
191370	Plastic cap 50
191371	Plastic cap 50
191372	Plastic cap 30
191373	Plastic cap 30
191374	Plastic cap 30
191375	Plastic cap 50
191376	Plastic cap 40
191480	Plastic cap 40

**Injection Pipe Holders & Nut Sets****806001**

	Qty.
080041	Injection pipe holders 5
080042	Injection pipe holders 5
080043	Injection pipe holders 5
080044	Injection pipe holders 5
080045	Injection pipe holders 5
080046	Injection pipe holders 10
080047	Injection pipe holders 6
080048	Injection pipe holders 10
080049	Injection pipe holders 6
080050	Rubber for injection pipe holders .6
080051	Rubber for injection pipe holders .6
080052	Rubber for injection pipe holders .6
080053	Rubber for injection pipe holders .6
080054	Injection pipe nut sets 6

	Qty.
080055	Injection pipe nut sets 4
080056	Steel rings 12 mm 10
080057	Steel rings 14 mm 10
080058	Steel olives 6 mm 10

**Glow Plugs I****806023**

	Qty.
100177	Glow plug 2
100245	Glow plug 4
100254	Glow plug 4
100257	Glow plug 4
100258	Glow plug 4
100271	Glow plug 4
100276	Glow plug 6
100277	Glow plug 4
100287	Glow plug 4
100291	Glow plug 4
100303	Glow plug 4
100324	Glow plug 3
100325	Glow plug 3
100331	Glow plug 6

	Qty.
100511	Glow plug 6
100512	Glow plug 6

**Glow Plugs II****806027**

	Qty.
100246	Glow plug 4
100287	Glow plug 4
100291	Glow plug 4
100303	Glow plug 4
100310	Glow plug 4
100324	Glow plug 3
100325	Glow plug 3
100331	Glow plug 6
100436	Glow plug 4
100510	Glow plug 4
100511	Glow plug 4
100512	Glow plug 4
100513	Glow plug 4
100519	Glow plug 4

	Qty.
100520	Glow plug 4
100580	Glow plug 2



Glow Plugs III**N****806030**

	Qty.
100261 Glow plug	4
100335 Glow plug	4
100515 Glow plug	4
100527 Glow plug	4
100531 Glow plug	4
100532 Glow plug	4
100537 Glow plug	4
100538 Glow plug	4
100545 Glow plug	4
100555 Glow plug	4
100557 Glow plug	4
100563 Glow plug	4
100592 Glow plug	4
100593 Glow plug	4



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191587	806017	149
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THROTTLE SHAFT SURVEY

PART 6

6th Edition

Certified ISO/TS 16949 by



ISO/TS 16949:2002 certified supplier

05.2006

Replacing VE Pumps

VE Pump	Throttle shaft	Bushing	Repair kit	Repair kit +
0460 403 003	080116	080161	080166	080727
0460 403 007	080116	080161	080166	080727
0460 403 008	080157	080165	080170	080730
0460 403 009	080157	080165	080170	080730
0460 403 010	080123	080162	080856	
0460 403 011	080123	080162	080856	
0460 403 012	080123	080162	080856	
0460 403 013	080157	080165	080170	080730
0460 403 014	080123	080162	080856	
0460 403 015	080755	080164	080169	080729
0460 404 001	080123	080162	080856	
0460 404 002	080123	080162	080856	
0460 404 005	080123	080162	080856	
0460 404 006	080123	080162	080856	
0460 404 010	080123	080162	080856	
0460 404 011	080158	080161	080166	080727
0460 404 014	080123	080162	080856	
0460 404 018	080158	080161	080166	080727
0460 404 025	080121	080162	080856	
0460 404 026	080120	080161	080166	080727
0460 404 029	080123	080162	080856	
0460 404 030	080123	080162	080856	
0460 404 034	080145	080161	080166	080727
0460 404 036	080143	080161	080166	080727
0460 404 037	080143	080161	080166	080727
0460 404 039	080143	080161	080166	080727
0460 404 040	080157	080165	080170	080730
0460 404 041	080144	080161	080166	080727
0460 404 042	080149	080165	080170	080730
0460 404 045	080755	080164	080169	080729
0460 404 047	080755	080164	080169	080729
0460 404 048	080158	080161	080166	080727
0460 404 050	080149	080165	080170	080730
0460 404 051	080149	080165	080170	080730
0460 404 052	080123	080162	080856	
0460 404 053	080157	080165	080170	080730
0460 404 054	080123	080162	080856	
0460 404 055	080143	080161	080166	080727
0460 404 056	080143	080161	080166	080727
0460 404 057	080158	080161	080166	080727
0460 404 058	080149	080165	080170	080730
0460 404 059	080160	080165	080170	080730
0460 404 062	080755	080165	080170	080730
0460 404 065	080149	080165	080170	080730
0460 404 066	080147	080165	080170	080730
0460 404 067	080755	080164	080169	080729
0460 404 068	080151	080165	080170	080730
0460 404 070	080149	080165	080170	080730
0460 404 071	080143	080161	080166	080727
0460 404 073	080151	080165	080170	080730
0460 404 074	080143	080161	080166	080727
0460 404 077	080139	080165	080170	080730
0460 404 079	080139	080165	080170	080730
0460 404 085	080139	080165	080170	080730
0460 404 086	080151	080165	080170	080730
0460 404 091	080135	080165	080170	080730
0460 404 100	080755	080165	080170	080730
0460 404 101	080755	080165	080170	080730
0460 405 001	080145	080161	080166	080727
0460 405 005	080136	080161	080166	080727
0460 405 006	080136	080161	080166	080727
0460 405 027	080145	080161	080166	080727
0460 405 030	080146	080165	080170	080730
0460 405 032	080146	080165	080170	080730
0460 405 033	080146	080165	080170	080730
0460 405 035	080144	080161	080166	080727
0460 406 002	080123	080162	080856	
0460 406 003	080154	080165	080170	080730
0460 406 005	080121	080162	080856	

VE Pump	Throttle shaft	Bushing	Repair kit	Repair kit +
0460 406 007	080123	080162	080856	
0460 406 008	080116	080161	080166	080727
0460 406 009	080154	080165	080170	080730
0460 406 013	080121	080162	080856	
0460 406 015	080123	080162	080856	
0460 406 016	080123	080162	080856	
0460 406 017	080123	080162	080856	
0460 406 018	080139	080165	080170	080730
0460 406 019	080139	080165	080170	080730
0460 406 020	080145	080161	080166	080727
0460 406 021	080145	080161	080166	080727
0460 406 022	080157	080165	080170	080730
0460 406 027	080123	080162	080856	
0460 406 029	080136	080161	080166	080727
0460 406 030	080136	080161	080166	080727
0460 406 033	080143	080161	080166	080727
0460 406 034	080143	080161	080166	080727
0460 406 036	080139	080165	080170	080730
0460 406 037	080154	080165	080170	080730
0460 406 045	080755	080164	080169	080729
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0460 406 048	080155	080163	080168	080728
0460 406 049	080160	080165	080170	080730
0460 406 052	080155	080163	080168	080728
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0460 406 057	080123	080162	080856	
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0460 406 062	080155	080163	080168	080728
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0460 406 066	080155	080163	080168	080728
0460 406 067	080155	080163	080168	080728
0460 406 076	080160	080165	080170	080730
0460 406 077	080139	080165	080170	080730
0460 406 078	080157	080165	080170	080730
0460 412 001	080755	080165	080170	080730
0460 412 002	080755	080165	080170	080730
0460 412 003	080755	080165	080170	080730
0460 413 001	080123	080162	080856	
0460 413 002	080123	080162	080856	
0460 413 004	080123	080162	080856	
0460 413 005	080123	080162	080856	
0460 413 006	080755	080164	080169	080729
0460 413 007	080755	080164	080169	080729
0460 413 008	080755	080165	080170	080730
0460 413 009	080755	080164	080169	080729
0460 413 010	080755	080164	080169	080729
0460 413 030	080755	080165	080170	080730
0460 414 001	080115	080161	080166	080727
0460 414 003	080123	080162	080856	
0460 414 004	080123	080162	080856	
0460 414 005	080123	080162	080856	
0460 414 006	080123	080162	080856	
0460 414 008	080135	080165	080170	080730
0460 414 009	080123	080162	080856	
0460 414 011	080755	080165	080170	080730
0460 414 012	080123	080162	080856	
0460 414 013	080123	080162	080856	
0460 414 014	080755	080165	080170	080730
0460 414 015	080123	080162	080856	

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Replacing VE Pumps

VE Pump	Throttle shaft	Bushing	Repair kit	Repair kit +	VE Pump	Throttle shaft	Bushing	Repair kit	Repair kit +
0460 414 016.....	080123	080162	080856		0460 414 101.....	080755	080164	080169	080729
0460 414 017.....	080123	080162	080856		0460 414 102.....	080157	080165	080170	080730
0460 414 019.....	080755	080165	080170	080730	0460 414 103.....	080157	080165	080170	080730
0460 414 020.....	080755	080165	080170	080730	0460 414 107.....	080874	080165	080170	080730
0460 414 022.....	080755	080165	080170	080730	0460 414 108.....	080874	080165	080170	080730
0460 414 023.....	080755	080164	080169	080729	0460 414 109.....	080755	080164	080169	080729
0460 414 024.....	080123	080162	080856		0460 414 110.....	080157	080165	080170	080730
0460 414 025.....	080123	080162	080856		0460 414 111.....	080157	080165	080170	080730
0460 414 026.....	080135	080165	080170	080730	0460 414 112.....	080157	080165	080170	080730
0460 414 027.....	080755	080164	080169	080729	0460 414 113.....	080874	080165	080170	080730
0460 414 028.....	080755	080164	080169	080729	0460 414 114.....	080755	080164	080169	080729
0460 414 029.....	080685	080165	080170	080730	0460 414 115.....	080755	080164	080169	080729
0460 414 030.....	080149	080165	080170	080730	0460 414 117.....	080755	080164	080169	080729
0460 414 031.....	080755	080165	080170	080730	0460 414 119.....	080874	080165	080170	080730
0460 414 032.....	080755	080164	080169	080729	0460 414 123.....	080874	080165	080170	080730
0460 414 033.....	080123	080162	080856		0460 414 124.....	080755	080164	080169	080729
0460 414 034.....	080755	080165	080170	080730	0460 414 126.....	080149	080165	080170	080730
0460 414 035.....	080115	080161	080166	080727	0460 414 127.....	080157	080165	080170	080730
0460 414 036.....	080123	080162	080856		0460 414 130.....	080755	080164	080169	080729
0460 414 037.....	080755	080164	080169	080729	0460 414 132.....	080874	080165	080170	080730
0460 414 038.....	080135	080165	080170	080730	0460 414 137.....	080755	080164	080169	080729
0460 414 039.....	080755	080164	080169	080729	0460 414 138.....	080874	080165	080170	080730
0460 414 040.....	080755	080164	080169	080729	0460 414 139.....	080874	080165	080170	080730
0460 414 041.....	080755	080164	080169	080729	0460 414 141.....	080874	080165	080170	080730
0460 414 042.....	080755	080164	080169	080729	0460 414 142.....	080874	080165	080170	080730
0460 414 043.....	080755	080164	080169	080729	0460 414 144.....	080165	080165	080170	080730
0460 414 044.....	080115	080161	080166	080727	0460 414 145.....	080874	080165	080170	080730
0460 414 045.....	080755	080164	080169	080729	0460 414 146.....	080874	080165	080170	080730
0460 414 046.....	080755	080164	080169	080729	0460 414 147.....	080755	080164	080169	080729
0460 414 047.....	080123	080162	080856		0460 414 148.....	080755	080164	080169	080729
0460 414 048.....	080123	080162	080856		0460 414 149.....	080755	080164	080169	080729
0460 414 049.....	080123	080162	080856		0460 414 150.....	080874	080165	080170	080730
0460 414 050.....	080123	080162	080856		0460 414 151.....	080874	080165	080170	080730
0460 414 051.....	080979	080165	080170	080730	0460 414 152.....	080874	080165	080170	080730
0460 414 052.....	080979	080165	080170	080730	0460 414 153.....	080874	080165	080170	080730
0460 414 053.....	080755	080164	080169	080729	0460 414 154.....	080874	080165	080170	080730
0460 414 055.....	080979	080165	080170	080730	0460 414 155.....	080685	080165	080170	080730
0460 414 056.....	080151	080165	080170	080730	0460 414 158.....	080755	080164	080169	080729
0460 414 057.....	080755	080164	080169	080729	0460 414 160.....	080685	080165	080170	080730
0460 414 058.....	080755	080164	080169	080729	0460 414 166.....	080685	080165	080170	080730
0460 414 059.....	080151	080165	080170	080730	0460 414 170.....	080755	080165	080170	080730
0460 414 060.....	080135	080165	080170	080730	0460 414 177.....	080755	080165	080170	080730
0460 414 061.....	080755	080164	080169	080729	0460 414 183.....	080755	080165	080170	080730
0460 414 062.....	080979	080165	080170	080730	0460 414 184.....	080755	080165	080170	080730
0460 414 063.....	080115	080161	080166	080727	0460 414 185.....	080755	080165	080170	080730
0460 414 064.....	080755	080164	080169	080729	0460 414 186.....	080755	080165	080170	080730
0460 414 065.....	080685	080165	080170	080730	0460 414 187.....	080755	080165	080170	080730
0460 414 067.....	080755	080164	080169	080729	0460 414 189.....	080755	080165	080170	080730
0460 414 068.....	080135	080165	080170	080730	0460 414 192.....	080755	080165	080170	080730
0460 414 069.....	080157	080165	080170	080730	0460 414 196.....	080755	080165	080170	080730
0460 414 070.....	080151	080165	080170	080730	0460 414 201.....	080755	080165	080170	080730
0460 414 076.....	080151	080165	080170	080730	0460 414 204.....	080755	080165	080170	080730
0460 414 077.....	080123	080162	080856		0460 414 214.....	080755	080165	080170	080730
0460 414 078.....	080135	080165	080170	080730	0460 414 222.....	080755	080165	080170	080730
0460 414 079.....	080755	080164	080169	080729	0460 414 229.....	080755	080165	080170	080730
0460 414 080.....	080157	080165	080170	080730	0460 414 230.....	080755	080165	080170	080730
0460 414 083.....	080874	080165	080170	080730	0460 414 232.....	080755	080165	080170	080730
0460 414 084.....	080123	080162	080856		0460 414 233.....	080755	080165	080170	080730
0460 414 085.....	080874	080165	080170	080730	0460 414 234.....	080755	080165	080170	080730
0460 414 086.....	080874	080165	080170	080730	0460 414 241.....	080755	080165	080170	080730
0460 414 088.....	080979	080165	080170	080730	0460 415 001.....	080123	080162	080856	
0460 414 089.....	080874	080165	080170	080730	0460 415 002.....	080123	080162	080856	
0460 414 090.....	080755	080164	080169	080729	0460 415 005.....	080123	080162	080856	
0460 414 091.....	080157	080165	080170	080730	0460 415 007.....	080120	080161	080166	080727
0460 414 092.....	080755	080164	080169	080729	0460 416 001.....	080123	080162	080856	
0460 414 095.....	080755	080164	080169	080729	0460 416 002.....	080123	080162	080856	
0460 414 097.....	080157	080165	080170	080730	0460 416 003.....	080123	080162	080856	
0460 414 098.....	080157	080165	080170	080730	0460 416 004.....	080123	080162	080856	
0460 414 100.....	080157	080165	080170	080730	0460 416 005.....	080123	080162	080856	

Replacing VE Pumps



Replacing VE Pumps

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Replacing VE Pumps

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Replacing VE Pumps

VE Pump	Throttle shaft	Bushing	Repair kit	Repair kit +	VE Pump	Throttle shaft	Bushing	Repair kit	Repair kit +
0460 484 105.....	080949	080165	080170	080730	0460 494 123.....	080158	080161	080166	080727
0460 484 107.....	081112	080165	080170	080730	0460 494 124.....	080141	080161	080166	080727
0460 484 108.....	080139	080165	080170	080730	0460 494 125.....	080144	080161	080166	080727
0460 484 111.....	080828	080165	080170	080730	0460 494 126.....	080683	080162	080856	
0460 484 127.....	080949	080165	080170	080730	0460 494 131.....	080142	080165	080170	080730
0460 484 128.....	080949	080165	080170	080730	0460 494 132.....	080146	080165	080170	080730
0460 484 138.....	081112	080165	080170	080730	0460 494 138.....	080142	080165	080170	080730
0460 484 139.....	080755	080164	080169	080729	0460 494 140.....	080142	080165	080170	080730
0460 484 140.....	080755	080164	080169	080729	0460 494 141.....	080157	080165	080170	080730
0460 484 141.....	080755	080164	080169	080729	0460 494 143.....	080123	080162	080856	
0460 484 142.....	081112	080165	080170	080730	0460 494 145.....	080146	080165	080170	080730
0460 484 145.....	081112	080165	080170	080730	0460 494 148.....	080142	080165	080170	080730
0460 484 162.....	081112	080165	080170	080730	0460 494 150.....	080755	080164	080169	080729
0460 485 001.....	081112	080165	080170	080730	0460 494 151.....	080755	080164	080169	080729
0460 485 003.....	080828	080165	080170	080730	0460 494 152.....	080154	080165	080170	080730
0460 485 006.....	081112	080165	080170	080730	0460 494 156.....	080157	080165	080170	080730
0460 485 007.....	080828	080165	080170	080730	0460 494 157.....	080155	080163	080168	080728
0460 485 012.....	081112	080165	080170	080730	0460 494 160.....	080155	080163	080168	080728
0460 485 017.....	080828	080165	080170	080730	0460 494 165.....	080141	080161	080166	080727
0460 485 018.....	080828	080165	080170	080730	0460 494 167.....	080149	080165	080170	080730
0460 485 020.....	080828	080165	080170	080730	0460 494 168.....	080755	080164	080169	080729
0460 485 021.....	080828	080165	080170	080730	0460 494 169.....	080121	080162	080856	
0460 485 024.....	080828	080165	080170	080730	0460 494 170.....	080146	080165	080170	080730
0460 485 028.....	080828	080165	080170	080730	0460 494 173.....	080154	080165	080170	080730
0460 485 029.....	080828	080165	080170	080730	0460 494 179.....	080139	080165	080170	080730
0460 485 032.....	080828	080165	080170	080730	0460 494 183.....	080142	080165	080170	080730
0460 485 033.....	080828	080165	080170	080730	0460 494 184.....	080142	080165	080170	080730
0460 485 034.....	080828	080165	080170	080730	0460 494 185.....	080148	080163	080168	080728
0460 485 035.....	080828	080165	080170	080730	0460 494 186.....	080147	080165	080170	080730
0460 485 037.....	080828	080165	080170	080730	0460 494 188.....	080159	080165	080170	080730
0460 494 002.....	080140	080161	080166	080727	0460 494 189.....	080121	080162	080856	
0460 494 004.....	080116	080161	080166	080727	0460 494 192.....	080157	080165	080170	080730
0460 494 006.....	080116	080161	080166	080727	0460 494 193.....	080160	080165	080170	080730
0460 494 010.....	080123	080162	080856		0460 494 195.....	080159	080165	080170	080730
0460 494 011.....	080123	080162	080856		0460 494 196.....	080146	080165	080170	080730
0460 494 013.....	080123	080162	080856		0460 494 198.....	080146	080165	080170	080730
0460 494 017.....	080123	080162	080856		0460 494 200.....	080148	080163	080168	080728
0460 494 018.....	080123	080162	080856		0460 494 204.....	080139	080165	080170	080730
0460 494 020.....	080121	080162	080856		0460 494 206.....	080160	080165	080170	080730
0460 494 022.....	080116	080161	080166	080727	0460 494 207.....	080139	080165	080170	080730
0460 494 023.....	080116	080161	080166	080727	0460 494 210.....	080148	080163	080168	080728
0460 494 024.....	080116	080161	080166	080727	0460 494 211.....	080159	080165	080170	080730
0460 494 028.....	080141	080161	080166	080727	0460 494 212.....	080159	080165	080170	080730
0460 494 034.....	080120	080161	080166	080727	0460 494 213.....	080755	080164	080169	080729
0460 494 035.....	080123	080162	080856		0460 494 214.....	080146	080165	080170	080730
0460 494 039.....	080146	080165	080170	080730	0460 494 215.....	080159	080165	080170	080730
0460 494 044.....	080145	080161	080166	080727	0460 494 216.....	080159	080165	080170	080730
0460 494 046.....	080683	080162	080856		0460 494 217.....	080755	080164	080169	080729
0460 494 050.....	080140	080161	080166	080727	0460 494 221.....	080148	080163	080168	080728
0460 494 052.....	080141	080161	080166	080727	0460 494 222.....	080159	080165	080170	080730
0460 494 062.....	080141	080161	080166	080727	0460 494 223.....	080159	080165	080170	080730
0460 494 070.....	080116	080161	080166	080727	0460 494 224.....	080159	080165	080170	080730
0460 494 071.....	080144	080161	080166	080727	0460 494 225.....	080150	080165	080170	080730
0460 494 072.....	080141	080161	080166	080727	0460 494 227.....	080139	080165	080170	080730
0460 494 079.....	080144	080161	080166	080727	0460 494 228.....	080157	080165	080170	080730
0460 494 080.....	080140	080161	080166	080727	0460 494 233.....	080147	080165	080170	080730
0460 494 086.....	080123	080162	080856		0460 494 235.....	080147	080165	080170	080730
0460 494 087.....	080123	080162	080856		0460 494 236.....	080152	080165	080170	080730
0460 494 092.....	080123	080162	080856		0460 494 237.....	080148	080163	080168	080728
0460 494 093.....	080123	080162	080856		0460 494 238.....	080139	080165	080170	080730
0460 494 105.....	080141	080161	080166	080727	0460 494 240.....	080159	080165	080170	080730
0460 494 107.....	080123	080162	080856		0460 494 241.....	080139	080165	080170	080730
0460 494 108.....	080123	080162	080856		0460 494 244.....	080139	080165	080170	080730
0460 494 109.....	080121	080162	080856		0460 494 247.....	080157	080165	080170	080730
0460 494 111.....	080121	080162	080856		0460 494 250.....	080150	080165	080170	080730
0460 494 112.....	080141	080161	080166	080727	0460 494 251.....	080157	080165	080170	080730
0460 494 114.....	080144	080161	080166	080727	0460 494 253.....	080147	080165	080170	080730
0460 494 121.....	080158	080161	080166	080727	0460 494 263.....	080139	080165	080170	080730
0460 494 122.....	080139	080165	080170	080730					

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Replacing VE Pumps

VE Pump	Throttle shaft	Bushing	Repair kit	Repair kit +	VE Pump	Throttle shaft	Bushing	Repair kit	Repair kit +
0460 494 266	080755	080164	080169	080729					
0460 494 268	080755	080164	080169	080729					
0460 494 269	080139	080165	080170	080730					
0460 494 273	080155	080163	080168	080728					
0460 494 274	080148	080163	080168	080728					
0460 494 279	080159	080165	080170	080730					
0460 494 282	081112	080165	080170	080730					
0460 494 286	081112	080165	080170	080730					
0460 494 288	081112	080165	080170	080730					
0460 494 289	080151	080165	080170	080730					
0460 494 297	081112	080165	080170	080730					
0460 494 298	081112	080165	080170	080730					
0460 494 303	080157	080165	080170	080730					
0460 494 304	080150	080165	080170	080730					
0460 494 315	080155	080163	080168	080728					
0460 494 316	080139	080165	080170	080730					
0460 494 324	080157	080165	080170	080730					
0460 494 325	080157	080165	080170	080730					
0460 494 326	081112	080165	080170	080730					
0460 494 327	081112	080165	080170	080730					
0460 494 328	081112	080165	080170	080730					
0460 494 329	081112	080165	080170	080730					
0460 494 332	080828	080165	080170	080730					
0460 494 335	081112	080165	080170	080730					
0460 494 333	080828	080165	080170	080730					
0460 494 338	080150	080165	080170	080730					
0460 494 340	080121	080162	080856						
0460 494 346	080949	080165	080170	080730					
0460 494 350	080160	080165	080170	080730					
0460 494 352	080755	080164	080169	080729					
0460 494 361	081112	080165	080170	080730					
0460 494 363	081112	080165	080170	080730					
0460 494 367	081112	080165	080170	080730					
0460 494 368	080949	080165	080170	080730					
0460 494 377	081112	080165	080170	080730					
0460 494 378	081112	080165	080170	080730					
0460 494 379	081112	080165	080170	080730					
0460 494 380	081112	080165	080170	080730					
0460 494 382	081112	080165	080170	080730					
0460 494 401	080160	080165	080170	080730					
0460 494 405	080828	080165	080170	080730					
0460 494 406	080828	080165	080170	080730					
0460 494 411	081112	080165	080170	080730					
0460 494 412	081112	080165	080170	080730					
0460 494 413	080949	080165	080170	080730					
0460 494 416	080949	080165	080170	080730					
0460 494 418	080160	080165	080170	080730					
0460 494 422	080160	080165	080170	080730					
0460 494 427	081112	080165	080170	080730					
0460 494 432	080120	080161	080166	080727					
0460 494 433	080120	080161	080166	080727					
0460 494 434	080120	080161	080166	080727					
0460 494 444	080949	080165	080170	080730					
0460 494 445	080949	080165	080170	080730					
0460 494 447	081112	080165	080170	080730					
0460 494 455	081112	080165	080170	080730					
0460 494 456	080828	080165	080170	080730					
0460 494 457	080755	080164	080169	080729					
0460 494 464	081112	080165	080170	080730					
0460 494 466	081112	080165	080170	080730					
0460 494 470	081112	080165	080170	080730					
0460 494 471	081112	080165	080170	080730					
0460 494 476	081112	080165	080170	080730					
0460 494 477	081112	080165	080170	080730					
0460 494 482	081112	080165	080170	080730					
0460 494 483	081112	080165	080170	080730					
0460 494 484	081112	080165	080170	080730					
0460 494 486	081112	080165	080170	080730					



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PART 6

6th Edition



ISO/TS 16949:2002 certified supplier

Feed Pumps AC

Acmat	Cargo	Bolinder Munktell	Cargo
Various models	Perkins 6.354	S950	Perkins 6.354
		Tractor D430, T430	Perkins D3.152, D3.152TA ...
Activ Fisher	090007	Braud	090174
Combine M 800	Perkins 4.236	505	Perkins 6.354, T6.354.1 ...
AEC	090005	Bristol	
Guy	Leyland 470 Simms P4/6731 ...	Compresor	Perkins 4.236
AIFO		Perkins 4.236
Industrial	8041.25.200	LH Serie	Layland 401, 410
	8051.05.200		
Alfa Romeo		Broome & Wade	
164	2500 TD	Compresor CA2/3	Perkins 4.236
Alfa 6	2500 TD	Perkins 4.236
75	2000 TD	CAI	Perkins D3.152
90	2400 TD	CR/CV 250	Perkins 6.354
Alfetta Turbo D.	VM		
Furgone 30AR8,32AR8	090178	Broyt	
35AR8,40AR8	090178	Escavatore	Perkins 6.354
		X20, X21	Perkins 6.354.4
Allis-Chalmers (USA)		Bührer	
B272, D272 Tractor	Perkins P3.144TA	Tractor	Perkins 4.236
Combine	Perkins P3. 144	Perkins D4.203
Macchine Agricole 345	Perkins 4.238	Carraro	
Tractor TL545	Perkins 6.354	Tractor 502, 504	285
4000 Various models	Perkins 6.288, 6.305	600, 700	Perkins 4.236
	090174	800	Perkins 4.248
Arbos		Case	
Combine	Perkins 4.236	Tractor 1190,1290,1390,	
Various models	Perkins 4.236	1490,1690	David Brown
	Perkins 6.354	580	David Brown
Atkinson	090174		
L 1 266 PT	Perkins 6.354	Caterpillar	
		V160/300	Perkins 6.354
Aveling Barford		V40-60 C	Perkins 4.203.2
Dump Truck RD017	Leyland 680,690	VC60C, 660P	Perkins 4.236
GB5	Perkins 3.152.1		
GN TR3 GD/PTR	Perkins 4.236	Cav	
		Equipment	Leyland OE370/400
		Industrial	Leyland OE370/400
			Perkins P3.144
Tractor AM100A	Perkins 6.354	Clark	
Various models	Perkins 6.354.4	C500Y-40-060PD	Perkins 4.203.2
	090011	C60/70/80 'B' CY40/60	Perkins 4.203
Balkancar		DC70	Perkins 4.236
2.4 Ton	Perkins 4.203		Perkins 4.236
Impex	Perkins 4.203.2	Fork Tractor	Perkins 6.354
	090183	Tractor 45B	Perkins 6.354
Bedford		Coles Cranes	
B7B, B10, 200 & 220	090003	Hydra 6-10 Ton Cranes	Ford 2713E
Blitz 2100 CF Furgone	Opel	Mobil Crane R270	Perkins 6.354.4
TJ, TK (E) 200 & 220	45775		
TKD 370, 400	090003	Compair	
TL 220	090003	Compresor CV 250	Perkins 6.354.4
VA Autotolio	400		
	090005	Consolidated Pneumatic	
Berliet		Compresor	Perkins D3.152
550K Carro	Perkins 4.236	125-RO-1	Perkins 4.236
Truck	Perkins 4.236	125-RO-1	Perkins 4.236
	090007	250 CFM	Perkins 6.354.4
Bernard Moteurs	090185		
Industriale	090235		

Feed Pumps AC
Conveyancer

TC Serie 7	Perkins 4.236	Cargo
.....	Perkins 4.236	090007
Serie 8	Perkins 4.203	090185

Coventry

DA 7/8 FLT	Perkins 6.354.4	090011
FLT	Perkins 4.203	090183
Mod. DA 2.5	Perkins 4.203.2	090010

Cummins

Industrial	Serie B	090156
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DAF

F 1000 CT Turbo	Commins 5.9 Lit. D	090156
FA 500, FA 700	Perkins 4.236	090185

Dale Electric

Generator Electric	Perkins 6.354.4	090011
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David Brown

Tractor 1390, 1490, 1690	090184
1x58, 1190, 1290	090184
990, 1200, 1400, Serie 900	090184

Dennis

Dart	Perkins 6.354	090174
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Dinamica

Industrial	Perkins 4236.2, 4248	090192
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Douglas

Tractive Units NS8/250	Leyland 680, 690	090174
Tugmaster	Perkins 6.354	090174

Dronningborg

Combine	Perkins 4.236	090007
SP	Perkins 6.354.4	090011
D1600	Perkins 6.354	090174
Various models	Perkins 4.236	090185

Eaton

2.4 Ton.	Perkins 4.203	090174
3.4 Ton.	Perkins 4.203.2	090010

Eicher

Tractor	Perkins 4.248	090007
3155, 3255, 3256	Perkins D3.152	090006
3355, 3356	Perkins 4.203	090176
.....	Perkins 4.203.2	090010

Epple Buxbaum

Combine	Perkins 4.236	090007
Various models	Perkins 4.236	090185

Fenwick

D3/SD3B, SD3A	Perkins D3.152	090002
FLT	Perkins 4.203	090176
Various models	Perkins 4.203.2 France	090010

Fiat

131 Marengo	D 2500	090178
Argenta	D 2500	090178
Campagnola	D 2500	090178
Torpedo	D 2500	090178
Ducato	D 2500	090178

Fiat-Allis

AD4, FL4, FL4/C, FL4/D	Cargo
090187	
Idrovert TL5, TL5H, S60	
090187	
Industrial	
8055.05.200, 8065.05.200	
.....	090188
8055.25.200 (5 Cyl.)	
.....	090188
8061.05.200 (6 Cyl.)	
.....	090188
8065.06.200	
.....	090188
8065.25.200 TD	
.....	090188
Tractor 666, 670, 680, 780, 855	
6 Cyl.	090188

Fiat-Om Carrelli Elevatori

DI12, DI15, DI20, DI25	Cargo
.....	090187
DI130	
.....	090188
DI20C, DI25C, DI30C	
3 Cyl.	090187
DI30CH, DI35C, DI140C, DI50 4 Cyl.	
.....	090187
DI30, DI35, DI40	
4 Cyl.	090187

Ford

Industrial	Cargo
.....	090009
D/N D 4200,6000,6200	
.....	090009
D/N D DA10, DA21, DT17/20	
.....	090190

Tractor

.....	Cargo
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.....	090190
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Feed Pumps AC

Hyster

Fork Truck H1100/150F	Perkins 4.236	Cargo
H110/150F	Perkins 4.236	090185
H150, H250	Perkins 6.354, 6.354.1 ..	090007
H40H	Perkins 4.203	090174
HB100,H100C,RC150	Perkins 6.305.1	090176
S30/40C	Perkins 3.152.1,D3.152 ..	090174
S60B, H60C	Perkins 4.203	090002
H150, 300, 350H	Perkins 6.354.4	090183
H60, 80C	Perkins 4.203.2	090011
Karry Krane KE	Perkins 4.203	090010
M300	Perkins 6.354, 6.354.1 ..	090183
		090174

IHC

C1600, C1800	Perkins 6.354	090174
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Ingersoll

Comprecor 85 CFM	Perkins D3.152	090002
DRF 250	Perkins 6.354	090174
DR 125/140/150	Perkins 4.236	090007
	Perkins 4.236	090185

International Harvester

B 275 Tractor	Perkins 3B/152	090003
Load Star Truck 1600, 1700	Perkins 6.354	090174
1800	Perkins 6.354	090174
Macch.lav.cotone1822-2022 ...	Commins 6TA 590	090156
Pala meccanice HG5	Perkins 6.354.1	090174
JH60, H65	Perkins 6.354	090174
Tractor 474	Perkins 4.212	090007
585	Perkins 4.236	090007

Iveco

Autocarro 40, 50/8, 40/35		090188
40/35AB, 40A/B		090188
50A/B/C, 55A/B		090188
50NC/A, 50NC/B		090188
50NC/C		090188
50/10, 55/10, 55NC		090188
50/8, 55/8, 65/10		090188
55NC/A, 55NC/B		090188
55NC/C		090188
616 N3/4		090188
65 A/B/C, 70 A/B		090188
70/10, 75/10		090188
Daily	D, TD 2500	090178
Eurocargo	150 E18	090367
Grinta	D, TD 2500	090178
Industrial	D, 8031.05.300	090187
	D, 8035.05.200	090187
	D, 8035.05.208/265/308/359	090187
	D, 8035.06.240/309/340	090187
	D, 8035.06.342/343	090187
	D, 8040.05X 4900..4955	090367
	D, 8040.05X 4981	090367
	D, 8040.25B 4200..4235	090367
	D, 8040.25B 4502..4985	090367
	D, 8040.25X 4000..4035	090367
	D, 8040.25X 4550..4555	090367
	D, 8040.25X 4600..4800	090367
	D, 8040.25X 4900..4910	090367
	D, 8040.25 4900	090367
	D, 8040.45 273..283	090367
	D, 8040.45 4020..4035	090367
	D, 8040.45 4300..4800	090367
	D, 8040.45 5200..261	090367
	D, 8040 Euro 2	090367
	D, 8041.05.200/206/306	090187
	D, 8041.05.260	090188
	D, 8045.05.200	090187

Industrial	D, 8045.05.206/207/209	Cargo
	D, 8045.05.307/359/370/389	090187
	D, 8045.06.206/320/32/346	090187
	D, 8045.25.305/370/375	090187
	D, 8045.25.382	090188
	D, 8045.45C 5000	090367
	D, 8045.45D 5100..5101	090367
	D, 8045.45X 4182	090367
	D, 8051.05.200	090188
	D, 8055.05.200/205/250	090188
	D, 8055.25.210	090188
	D, 8060.05.245/246/270/271	090188
	D, 8060.05X 4600	090367
	D, 8060.05X 4900..4955	090367
	D, 8060.05 4996	090367
	D, 8060.25A 4160	090367
	D, 8060.25R 4200..4300	090367
	D, 8060.25R 4610..4760	090367
	D, 8060.25R 4870	090367
	D, 8060.25R 4975..4978	090367
	D, 8060.25V 4000..4025	090367
	D, 8060.25V 4100..4160	090367
	D, 8060.25V 4600..4754	090367
	D, 8060.25V 4800..4850	090367
	D, 8060.25V 4901..4916	090367
	D, 8060.25 221..241	090367
	D, 8060.25 261..267	090367
	D, 8060.45A 4100	090367
	D, 8060.45B 4305	090367
	D, 8060.45B 5100..5150	090367
	D, 8060.45L 4485	090367
	D, 8060.45R 4200	090367
	D, 8060.45R 5000..5021	090367
	D, 8060.45X 4180..4610	090367
	D, 8060.45 4400..4402	090367
	D, 8060.45 4600	090367
	D, 8060.45 4700..4755	090367
	D, 8060. Euro 2	090367
	D, 8061.05.260/300	090188
	D, 8062.05.270	090188
	D, 8065.05.220/289/290	090188
	D, 8065.05.225/230/325/330	090180
	D, 8065.05.295/297/300/320	090188
	D, 8065.06.200/300	090188
	D, 8065.06.230/330	090180
	D, 8140.07.2730/2731	090178
	D, 8140.21.209/219	090178
	D, 8140.23.3700/3701/3705	090178
	D, 8140.23.3710/3713/3720	090178
	D, 8140.23.3711	090178
	D, 8140.23.3721/3723/3730	090178
	D, 8140.23.3731/3733	090178
	D, 8140.23.3750/3751	090178
	D, 8140.23.3760/3761	090178
	D, 8140.275.2711/2710	090178
	D, 8140.275.2720/2721/2731	090178
	D, 8140.27R.2780	090178
	D, 8140.27S.3740/3741	090178
	D, 8140.43.3700/3705/3711	090178
	D, 8140.43.3713/3718/3721	090178
	D, 8140.43.3723/3728/3729	090178
	D, 8140.43.3731/3733/3780	090178
	D, 8140.43.3911/3921/3931	090178
	D, 8140.47.2710/2711/2714	090178
	D, 8140.47.2711/2721/2785	090178
	D, 8140.61.219	090178
	D, 8140.61.300	090178
	D, 8140.67F.3700/3701	090178
	D, 8140.67F.3710/3711/3713	090178

Feed Pumps AC

Industrial	D. 8140.67F.3721/3723
.....	D. 8140.67F.3740/3741
.....	D. 8141.27.2000/2585
.....	D. 8141.67F.3000
.....	D. 8141.67.2000
.....	D. 8141.67.203/2030
.....	D. 8141.67.2075
.....	D. 8144.67.220/221
.....	D. 9045.05.200/201/204

Veicolo 35.12 P, 49.12 P	35/40.8 P
.....	49.10 G
.....	59.12 P
.....	A45.10, A40.10 G.SX
.....	A90.14 P, A70.14 P

John Deere (Europa)

Industrial 3,4,6 Cyl. D	-00.89 ..
.....	00.90-

Johnston Bros

Serie 400	Perkins 4.236
Various models	Perkins 4.236

Jones Cranes

04 Mobil Crane	Perkins 4.236
.....	Perkins 4.236

J.C.B.

Escavatore 7, 7C, 8	Perkins 6.354
807	Perkins 6.354
Macchine Agricole 110	Perkins 4.248
413	Perkins 6.354
418	Perkins T6.354
Tractor 112	Perkins 6.354.1
114 Hydrostatic	Perkins T6.354.1
808	Perkins 6.354
.....	Perkins 6.354.4

KHD (Deutz)

Industrial	1011 3,4 Cyl.
.....	B/F 3,4,5,6 L 912/913 W/T
.....	F1/2 FL 511
.....	F1/2L 410
.....	F2L 511
.....	F2L 912
.....	F3I 812 D,F3L 912/913 W
.....	F3L 913
.....	F4L 812 D,F4L 912/913 W
.....	F5L 912/ 912 W
.....	F6L 812 D,F6L 912/912 W
.....	K220 FL 1011

Lamborghini

Tractor 1056	Same 6 Cyl.
.....	090177

Lancer Boss

700 FLT	Perkins 6.354.4
Various models	Perkins 4.203
.....	090183
.....	Perkins 4.203
.....	090176
.....	Perkins 4.236
.....	090007
.....	Perkins 6.354
.....	090174

Landini

MF 244, 4000, 5000	Perkins 3.152
Tractor 10500,12500,13500	Perkins 6.354.4
12500,14500, - 4RM	Perkins 6.354.4
4500, 5500 4RM	Perkins 3.152
6000	Perkins 4A/192-4A/203.

Cargo
090178

 Tractor 6500
 Perkins 4.203 |**Cargo**
090175

 8000
 Perkins 4.248 |**090185**

 MF 1100,1134,14500
 Perkins 6.354.4 |**090011**

 MF 1104, R9500
 Perkins 6.354.1 |**090174**

 MF174,MF184,MF194
 Perkins 4.236 |**090007**

 R6500,R6550,R7500
 Perkins 4.236 |**090007**

 R9500 Mk II, 4RM
 Perkins 6.354.4 |**090011**

 TL 16N
 Perkins D4.203 |**090176**

 TL 19C, TL 21C
 Perkins D3.152 |**090006**

 TL 19N/A, R9500
 Perkins 6.354.1, A6.354.1 |**090174**

 TL 20C
 Perkins 4.212 |**090007**

 TL 20N/A, TL20DT
 Perkins 4.236 |**090007**

 TL 23
 Perkins 4.248 |**090007**
Lansing Bagnall

 Various models
 Perkins 4.203 |**090183**

 Perkins 4.236 |**090007**
Laverda

 Combine
 Perkins 4.236 |**090185**

 Perkins 6.372.4 |**090011**

 Mietitrebbiatrice
 Perkins 6.354, 6.372 |**090174**

 Various models M92
 Perkins 4.236 |**090007**
Leyland

 1200 FJT,1500,1800 5,7
 D |**090009**

 255,262,270,272
 4/98 DT, NT |**090004**

 344
 3.4 TD |**090004**

 5,7 lit. D
 Perkins W8.510,W8.540 |**090009**

 950FJ,1200/1700 FJT
 5,1 Lit. |**090009**

 Albion K & M
 4/6 Cyl. D E370/400 |**090005**

 BX1425, BX20F
 6/98 TD |**090190**

 Boxer
 6/98 TD |**090190**

 Perk. 6.354 (Pompa 2 fori) .. |**090174**

 BX 1000
 5.1 Lit. V.D |**090004**

 BX 1000,1200,1300
 5.7 Lit. V.D |**090004**

 BX 1200,1300,16TA
 6/98 D |**090004**

 BX 984,1000,1160
 6/98 D |**090004**

 BX18TF,BX19TA/TF
 Perkins 6.354 |**090011**

 DV/NV
 6/98 D |**090004**

 Buffalo
 500 |**090190**

 Bus Atlantean FE30 680, 690
 Perkins 6.354 |**090174**

 BX1200, BX1300, BX1425
 Perkins 6.354 |**090174**

 Clydesdale EDC 23, EDC 27
 401 |**090190**

 Comet
 370 (Simms P4606/1) |**090005**

 Mastiff
 Perkins 6.354.2 |**090174**

 National
 502 |**090190**

 Viking EVK 55
 401 |**090190**

 Viking FF 1100
 6/98 D |**090004**

 Carro Lynx 26T, 28T
 500 |**090190**

 Octopus 30T
 502 |**090190**

 Reiver
 401,410 |**090190**

 Chieftain
 410 Turbo |**090190**

 Clydesdale
 301 |**090190**

 EAHorizontal
 (Simms P4614) |**090005**

 FG 350,360,550,700
 3.8 Lit. D |**090004**

 4/98 D |**090004**

 FGK 100
 5.1 & 5.7 Lit. V. D |**090004**

 FJ 950,1160,1300
 5.7 Lit. D |**090009**

 FJ-FJK100,140,160,240
 5.7 Lit. D |**090009**

 FJ-FJK100,240,340
 5.1 Lit. Horizont. D |**090009**

 FJ-FJK300,360
 5.7 Lit. D |**090009**

 FM 420
 3.8 Lit. D |**090004**

 Industrial
 370 (Simms P4606/21/57) |**090005**

 400 con CAV |**090190**

 400 (Simms P4572,P4613) |**090005**

 400 (Simms P4637/54/92) |**090005**

Feed Pumps AC

Leyland continued

Industrial	400 (Simms P4654,P4692)	Cargo
.....	400 (Simms P4572,P4613/37)	090190
.....	500	090190
.....	OE 370, 400 CAV Equip.	090005
.....	OE 370, 400 Simms inj.	090005
LR1800, 1825 (Trac.Units)	5.7 Lit. D	090009
Laird LR1200,LR1300	5.7 Lit. D	090009
LR950,LR1000	5.1 Lit.	090009
LR950,1000,1160	5.7 Lit. D	090009
Scammel Routeman	680	090174
Skidded Units	4/98 NT	090004
Terrier 360,420,600	4/98 D	090004
.....	650 Tr.,750 Tr.	090004
.....	650,750,850,950	090004
.....	830,900 WF	090004
.....	950 Tr.	090004
Tractor 245,253	Perkins D3.152	090006
384 Nuffield	4/65 3.8 T, TA, TD	090004
Bison	500	090190
Nuffield 2100, 4100	6/98 DT, NT	090004
Nuffield 285,485	6/98 DT, NT	090004
WF 360,420,600,830,900	3.8 Lit. D	090004
.....	830,900,1025	090004
.....	830,900,1025,1160	090004
WFK 100,120	5.1 & 5.7 Lit. D	090004
.....	100,120,140	090004
WGK, WFK 30,40,60,80	3.8 Lit. D	090004
Worldmaster	680,690	090174

Lincoln Electric

Generat.Elet.300&400 Amp.	Perkins 4.236	090007
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Lindner

Tractor	Perkins 4.236	090007
Transporter 520S	Perkins D3.152	090006

Lister Petter

HA, HB, LD, LS	D Air Cooled	090001
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MAN

LKW 690, 890 F (90HP)	090179
8136, 9136 F (136HP)	090179

Marshall

Rullo Comprenur	Perkins 3.152.1	090002
Tractor TM90	Perkins 6.354	090174

Massey Ferguson

CX65	Perkins 4AD/236	090183
Escavatore 450C	Perkins 6.354/1	090174
MF350,W350,MF487	Perkins 4.248	090007
MF 5400,620/5,3366	Perkins 6A/354	090174
MF 1080 Phase 111	Perkins 4.318	090176
MF 11	Perkins 4.248	090185
11 Shovel Loader	Perkins 4.248	090007
MF 165 Combine	Perkins 4.212	090007
.....	Perkins 4.212	090185
MF 186 Combine	Perkins 4.212	090185
MF 487 Combine	Perkins 4.248	090185
MF 50 Phase II Skid	Perkins 4.212	090185
MF 6130	Perkins 1004 4.40	090143
Macchine Agricola MF 33	Perkins 4.248	090185
Model 500 Combine	090174
Model 86-6 Combine	Perkins 4AD/203	090183
Tractor 122	Perkins 3.152	090002
122 MF133/135 Vigneto	Perkins D3.152	090006
135	Perkins 3.152,152UA38570D ...	090002
135, 203, 205	Perkins A3.152	090002
165,300,HX21	Perkins 4AD.203	090175

.....	Cargo
.....	090185
.....	D400C, 4 Ruote Motrici	090174
.....	DX35,DX40,HX210	090006
.....	DX45, HX211, MF165	090175
.....	Tractor Indust. MF 30/50	090007
.....	090185
.....	090006
.....	I.C.M. Aprilia MF 100C	090006
.....	090174
.....	1250,2720,530	090011
.....	135	090006
.....	135Mk III, 135V	090006
.....	090002
.....	135, 135ET	090006
.....	090002
.....	135/2135	090006
.....	140Mk III, 145V	090006
.....	140,140V	090006
.....	148MkIII,152,152ET	090006
.....	148,148/148V	090006
.....	150,203,2200	090006
.....	152Mk III,152V	090006
.....	155, 158	090176
.....	155,158,260,560	090010
.....	158, 158ET, 158Mk III	090175
.....	168 Narrow	090007
.....	168,168MkIII/168F	090007
.....	175/175S,175/178	090007
.....	178	090007
.....	178, 185, 188	090185
.....	185, 188	090007
.....	186 Combine	090007
.....	188, 194	090007
.....	195	090176
.....	206,307Comb.Harv.	090007
.....	2203-7,2205-7	090006
.....	235,245,255	090006
.....	240,250,254,550	090006
.....	260	090176
.....	2620,2640,2680	090011
.....	2620,2680 Beauvais	090011
.....	265,274,275	090007
.....	275, 290,292	090192
.....	285,290	090007
.....	295, 298	090176
.....	300	090185
.....	300, 302, 304	090175
.....	300, 33	090007
.....	304, 365	090175
.....	3303, 3305	090175
.....	365, 3265S	090175
.....	400X/D, 507, 520, 525	090174
.....	50 Phase II Skid	090007
.....	500, 507, 525	090174
.....	50, 50B Indust. TDL	090007
.....	560	090176
.....	090176
.....	565, 575	090007
.....	590	090007
.....	590X, 595S	090176
.....	592	090176
.....	595	090176
.....	598	090176
.....	600	090007
.....	65, Mk I-II	090184
.....	675, 690	090007
.....	765	090175
.....	RX85 33C, 530	090011
.....	Tractor Mod. 165	090184
.....	Tractor & Combine TE20	090003

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

Feed Pumps AC
Motor Iberica

Various models Perkins 4.203

Cargo
090183
Muirhill

 Macchine agricole Perkins 6.354
 Tractor Agr. 4RM Perkins 6.354.4

090174
090011
New Holland (Fiat Geotech)

 Tractor 350, 355, 400
 420, 450, 450DT
 455
 455C, 470, 480D
 500, 500DT, 505
 505C, 500DT Special
 540, 550, 550DT
 555, 580, 600DT
 600DT3, 605
 605C, 640, 640DT

090187
090187
090187
090187
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090187
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090187
090187
090187
090187
Nissan (Datsun)

Patrol 2700 MD 270

090010
Nuffield

Tractor 3/45, 4/65

090004
Opel

 Ascona, Rekord 2000 D
 Rekord TD 2000 D
 E 2100/ 2300 D
 Omega 2300 D
 Senator TD
 Fratera D

090012
090012
090012
090012
090012
Orenstein & Koppel

V 25 Perkins 4.203

090183
Perkins

 All. Volkswagen 4.165
 Industrial 1004 4.40
 3A.144, 3.152.1, 3.152TA
 4-4.203, D4.203 e deriv.
 4.165 (spagna)
 4.203.2
 4.212, 4.236, 4.248
 4.212, 4.236, 4.248
 4.236.2, 4.248
 6.354.4, T6.354.4
 A3.152, D3.152
 A4.318, 4.203
 D3.152, 3.152, 3AD.152
 D4.203
 F3 con Simms P4442, P4588
 F3 con Simms P4696
 G4.236
 P 3/Simms P4609 (spagna)
 6.354, 6.372
 P3,P3/144,P3/144TA,3B/152 ...
 Marine 4/99Mar.6.288, 6.305, 6.340 ...

090010
090143
090002
090183
090010
090010
090007
090185
090192
090011
090002
090176
090006
090010
090003
090003
090007
090003
090174
Peugeot

 403
 404

090235
090235
Ransomes & Rapier

Mobil Crane Perkins 4.203/1

090183
Rayton- fissore

Magnum 4x4 TD VM TD

090186
Rossi

 Macchine Agricole Perkins 4.236
 Perkins 4.236

Cargo
090007
090185
Rover

 2000 SC, TC 2000
 2200 2200
 Discovery 2.5 lit. TDI
 Land Rover 90 2.2 lit. D
 110 2.5 lit. D
 Range Rover 2495 D, TD
 2/4 porte 2393 TD
 90, 110 (t.t.) D, TD
 Rover 2400 SD Turbo VM HR 492H

090184
090184
090182
090182
090182
090189
090189
090189
090189
Rubery Owen

 SA 35/41 Perkins 4.203
 TC Serie Perkins 4.203

090183
090176
Same Deutz-Fahr Group

 Industrial
 Tractor Bufalo 130 6 Cyl.
 Condor Sincro 55
 Drago 120 6 Cyl.
 Panther 90 5 Cyl.
 Tiger 100 5 Cyl.

090177
090177
090177
090177
090177
090177
Saviem (RVI)

Autocarro S800, S1000 Perkins 6.354

090174
Schilter

Tractor Perkins 4.236

090007
Seddon Atkinson

 Truck MK3 13/4 Perkins 6.354.2
 Veicole municip.200 Export Perkins 6.354.4

090174
090011
Shelvoke

Intapak, PT Revopak Leyland 401, 410

090190
Sisu

 BX84BO City Autotel. 500TurboLeyland
 Truck R141, R142, R149, M169Leyland
 Valtra 420,620,634

090190
090174
090366
Sperry New Holland

S/Propelled Bale Wagon Perkins 6.354.4

090011
S.O.S.

Industrial Perkins 6.354

090174
Talbot

 407 7 & 8 Ton Perkins 6.354
 Carrier Bantam Perkins 4.203
 Commer Comm. 100 RG Perkins 4.236
 Commer KC Walk Thru Perkins 4.203
 Perkins 4.236
 1,5 Ton 4 Cyl.
 2 & 3 Ton 4 Cyl.
 Commer RC Walk Thru Perkins 4.203
 Dodge 100 Perkins T6.354.4
 3.5/5.6 Ton F/C Perkins 6.354
 6/7.8/9.5/10/11/12 Ton Perkins 6.354
 Bus Light/Heavy Perkins 6.354
 Comm. 100 RG Perkins 4.236
 C/D500, C/D600 'S' Perkins 6.354
 D405 3.5 & 5 Ton Perkins 6.305
 D406, D500 Perkins 6.305, 6.354
 KC Walk Thru Perkins 4.203
 Perkins 4.236 236U5670
 Perkins 4.236 236U5670

090174
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090007
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090183
090183
090007

Feed Pumps AC

Talbot *continued*

Dodge & Commer D407	Leyland 370	Cargo
Karrier VA, VB Truck 8/12 Ton ..	Perkins 6.354	090005
Karrier VC Truck 8/12 Ton	Perkins 6.354	090174
MKV	Perkins 4.203	090174
Serie G Commando (100)	Perkins 6.354	090183
Serie K (500)	Perkins 6.354	090174
Walk Thru 50	Perkins 4.236	090007
.....	Perkins 4.236	090185

Volvo Penta

MD 1B	7.3 kW.	090151
MD 2B	17 kW.	090151
MD 3B	26 kW.	090151
MD 21	090235
MD 32	090235

Weatherhill

Shovel Loader	Perkins 6.354.4	090011
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White Arbos

Combine	Perkins 6.372	090174
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Yale & Towne

FLT D51 AT 40	Perkins 4.203	090176
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Towmotor

FLT, V100/120/140	Perkins 4.236	090007
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Toyota

Land Cruiser BJ73LV	VM TD	090186
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Tractorul Brasov

Trattore	1500	090187
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Valmet

FLT	Perkins 4.203	090176
6200	420 DSRE	090366
6300	420 DS	090366
6400	420 DW	090366
6600	420 DS	090366
6800	420 DWI	090366
8000	620 D	090366
8050	620 DS	090366
8150	620 DS	090366
8450	620 DW	090366
8550	634 DS	090366
8750	634 DS	090366

Vauxhall

Cartton	D 2300	090012
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Venieri

Pale Meccanica 92A/3	VM HR 494 HPT	090186
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Vetus

Marine	M.3.10 3 Cyl. (22HP)	090235
Marine	M.4.14 4 Cyl. (33HP)	090235

VM

Industrial	104,106,954,956 SU	090013
.....	HR 388, HR 388H, HR 388HT ..	090189
.....	HR 392, HR 392H, HR 392HT ..	090189
.....	HR 488, HR 488H, HR 488HT ..	090186
.....	HR 492 Leyland	090189
.....	HR 588, HR 588R, HR 588HT ..	090186
.....	HR 692HI	090186
.....	1056, T1056SU, 6105	090013
.....	M 494 HID-H-HT	090186
.....	T6105 SUN	090013

VW

Furgone 230/313 D	Perkins 4.165	090010
LT28,31,35 D	Perkins 4.165	090010

Volvo

Loaders LM621, LM641, LM4300	090190
Tractor	T650, T700	090191
P300, P830	Perkins 4.236	090007
P827, T500, P838	Perkins 4.236	090007
Truck F82, F83	Perkins 4.236	090185
F82/83,G65/80,F407	Perkins 4.236	090007

Fuel Filters

Alfa Romeo

Alfa 6 TD 2500	00.85-
Alfa 33 TD 1800	
1.8 TD	00.86-00.94
1.8 TD Sportwagon	03.88-12.89
1.8 TD Sportwagon	01.90-10.94
75 TD 2000/2400	
Alfa 90 TD 2400	00.84-
Alfa 145 TD 1900	00.94-
1.9 TD	11.96-05.98
1.9 JTD	05.98-02.00
Alfa 146 1.9 TD	11.96-05.98
1.9 JTD	02.99-12.00
Alfa 155 TD 1900/2500	00.92-
Alfa 156 1.9 JTD	10.97-09.00
2.4 JTD	10.97-09.00
Alfa 164 TD 2500	00.87-
Alfa 166 2.4 JTD	10.98-09.00
Alfetta TD 2000/2400	
Giulia Super D [Perkins]	
Giuletta TD 2000	

American Motors Jeep

CJ 5 D 2400 (Isuzu)
 6 D 2400 (Isuzu)
 7 D 2100 (Renault)
 7 D 2100 (Renault) (Type CAV 296)
 7 D 2400 (Isuzu)

Aro Ciemme

D 1600 (VW) Enduro 4x4/Hardtop/Pickup	00.83-
240	00.83-
241 D	
243/244 2.5D	00.83-

Audi

80 D 1600 (CAV System)	00.78-00.86
80 D 1600, TD	00.78-
90 TD 1600	-00.87
100 D 2000, TD	00.76-00.90
4000 D, TD	
5000 D 2000, TD	
A4 1.9 DI	00.96-
1.9 TDI	00.94-
1.9 TDI	00.95-
Avant 1.9 TDI	00.95-
A6 1.9 DI	00.94-00.97
1.9 TDI	00.97-
2.5 TDI Quattro	00.94-00.97

Austin Rover Group

Defender 90/110/130 2500 TDi	00.90-
Discovery D/ TD 2500		
Discovery Tdi	09.89-
Discovery Van 300 Tdi	00.94-
Land Rover (Eng. 2286cc)	-00.80	..
2400 TD		
90/110 D/ TD 2500		
Maestro D 2000		
Montego D/ TD 2000	00.87-
Range Rover D 2300 (Type CAV 296)		
(Type CAV 796)		
TD 2400/2500		
2.5 Tdi	00.92-00.94	..
Rover (200 II Facelift) 220 D,SD,SDi,SLDi	00.96-
Rover (200III) 220 Di	00.97-
Rover (400) 420 D,Di,SDi,Sldi	00.96-
Rover (400II) 420 D, Di	00.95-00.97	..
Rover (600) 620 Di	00.95-00.97	..

Cargo

RT 2058
090215
090215
090215
090215
RT 2058
090215
090215
090215
RT 2058
090215
RT 2058
AS 301
RT 2058

Rover 115 SD/SLD D	RT 2181
218 TD 1800	AS 301A
.....	RT 3119
218 TD	RT 3122
418 TD 1800	AS 301A
418 TD	RT 3122
620 SDi	RT 2066
Rover 825 TD	RT 2058
Sherpa Van 185/350 D	AS 301
200 D	RT 2058

Bedford

Astramax 1.6 D	-00.89 ..	RT 2181
D/ TD 1700	00.91-	RT 2058
Astra Van D 1600	-00.89 ..	RT 2181
D/ TD 1700		RT 2058
CF 230,250,280,2300 Diesel	09.80-00.84 ..	RT 2181
Midi Van D 2000	00.84-00.88 ..	RT 2139
Pick-Up D 2000		RT 2139

BMW

324 D 2400	00.88-	RT 2058
318 tds (E36) Compac	00.94-00.98 ..	RT 2058
(E36) Touring	00.95-00.99 ..	RT 2058
324 d (E30)	00.85-11.88 ..	RT 2058
325 td. tds (E36)	00.91-00.99 ..	RT 2058
525 td (E34)	00.95-00.97 ..	RT 2058
525 tds(E34)	00.95-03.97 ..	RT 2058
(E39)	00.95-00.98 ..	RT 2058
725 tds (38)	00.95-00.98 ..	RT 2058

Citroen

AX D1400	00.91-00.94 ..	RT 2139
AX D1500	11.94-00.96 ..	RT 2139
AX Entreprise 1400 D	00.88-00.96 ..	RT 2139
AX D 1400/1500		RT 2181
BX 17 D	00.83-00.93 ..	RT 3121
BX 17 D/TD 1700		AS 301A
BX 19 D		AS 301A
BX 19 D, RD, TRD	10.92-00.93 ..	RT 3119
BX Estate/Break 19 TD	00.89-00.94 ..	RT 3119
TD	00.92-	RT 3119
D (Lucas System)	00.92-	RT 3122
D/ TD Some Models		RT 2058
C 15 D 1800 (Rd)	-00.92 ..	AS 301A
(Bosch System)	-00.92 ..	RT 3121
.....	00.92-	RT 3119
C 25 D (Rd)		AS 301A

CX/CSC D (CAV 250)		AS 301
(CAV 796)		AS 301A
(Purflux C112)		RT 3121
CX D 2200/2500 (Rd)	-00.85 ..	AS 301
(Bosch System)		RT 3121
CX 25 D/Break	00.85-00.92 ..	AS 301A
CX TD 2500 Some Models		RT 2058
Evasion TD 1900	00.94-	RT 3119
2100	00.96-	RT 3120
Jumper D/TD 1900/2500		AS 301
D/TD 1900		RT 3119
D/TD 1900 (Lucas)		RT 3122
Saxo D 1500		RT 2181
.....	00.96-	RT 2139
Visa D 1700 (CAV 296)		AS 301
(CAV 796)		AS 301A
Xantia D 1900 (CAV 7176-902)	00.94-	AS 301A
(CAV 9001-910)	00.94-	RT 3119
Xantia D/TD 1900 (Lucas)	-00.95 ..	RT 3122
TD, Break 1900	00.95-	RT 3120
TD 2100 D12	-00.95 ..	RT 3122



Fuel Filters

Citroen *continued*

Xantia TD 2100	00-95-
2.1 TD	00-95-12.95
Xantia Estate/Break 1.9 TD	00-95-00.98
XM D/TD 2100 (Rd)	
TD 2100	
TD 2100 VSX	00-94-
TD 2100 12V	00-94-12.95
2.5 TD	05-94-10.00
XM Estate/Break 2.1 TD 12V	00-91-00.94
.....	01-96-
ZX D/TD 1.9	00-92-00.98
1800/1900 (Lucas)	
Xsara 1.5D	00-97-
1.8D	00-97-
1.9D	00-98-00.99
Xsara Estate/Break D, TD	00-98-
Visa 17D, RD	00-84-00.88

Daihatsu

Delta D 1600 (IC)/ D 2000 (2C)	
D 2700 (DL)	
D 3000 (B)/ D 3400 (3B)	-00.88 ..
TD 2000 (2C-T)	
Rocky 2800 D,TD	00.84-00.93 ..
Rocky F70,F75	00.84-
Wide Cab D/ TD 2000 (2C/ 2C-T)	

Ebro

All Models (Perkins)
Patrol D 6 cyl (Nissan SD33)
Vanette 815 D 2000 (LD20)

Fiat

127 D 1300	00.81-00.86 ..
131 D 2000/2500	
132 D 2000	00.78-00.82 ..
132 D 2500	00.78- ..
132 D 2000/2500	
Argenta TD 2500	
D/ TD 2000/2500 (CAV 296)	

Cargo

RT 3120
RT 3119
RT 3119
AS 301A
RT 3120
RT 3118
RT 3119
AS 3588
RT 3119
RT 3120
RT 3119
RT 3122
RT 3119
RT 3119
RT 3119
RT 3119
RT 3121

Marena 1.9 JTD 03.99- 090215

2.4 JTD	03.99-	090215
Marengo 131 D	03.99-	AS 301
Marengo 1.9 JTD	03.99-	090215
Multipila 1.9 JTD	01.99-	090215
Panda D 1300	RT 2058
Punto D	09.95-00.96 ..	RT 2139
TD 60	00.96-00.97 ..	RT 2139
TD 70	00.93-00.97 ..	RT 2139
TD 1700	00.93-	RT 2058
1.9 JTD	05.99-	090215
Regata D/ TD 1700/1900/2000	RT 2058
D 1700/1900/2000 (CAV 796)	AS 301A
1700 D	00.83-00.90 ..	RT 2058
1900 TDS	05.86-07.89 ..	RT 2058
1900 DS	00.83-00.90 ..	RT 2058
Ritmo D/ TD 1700/1900	RT 2058
D 1700 (CAV 796)	AS 301A
Scudo D/ TD 1.9	00.95-	RT 3119
.....	RT 3122
Talendo D 1900	00.88-00.94 ..	RT 2058
Tempra D/1900	00.90-00.93 ..	RT 2058
TDs1900	00.90-00.93 ..	RT 2058
D 1900 SW	00.93-00.97 ..	RT 2139
Typo D 1700	00.88-00.93 ..	RT 2139
D 1700	-0.92 ..	RT 2058
TD 1700	00.93-	RT 2181
D 1900	07.89-00.93 ..	RT 2139
TDs 1900	00.88-00.93 ..	RT 2139
D/ TD 1900	00.87-	RT 2181
Ulysse TD 1900	00.96-	RT 3119
TD 1900/2100	RT 3122
TD 2100	00.96-	RT 3120
Uno D 1300	00.89-00.90 ..	RT 2139
D 1400	00.86-00.90 ..	RT 2139
D 1700	00.93-00.97 ..	RT 2139
D 60 DS 1700	00.89-00.97 ..	RT 2139
D/ TD 1300/1400/1700/1900	RT 2058
Unijet 70 TD 1400	00.93-	RT 2181

Ford

Escort D 1600	RT 2058
D/ TD 1800	RT 2066
D (CAV 296)	AS 301
Escort Van 1.8D	RT 2065
Escort (III) 1.8 D	RT 2066
Escort (IV) 40,60 Van 1.8 D	RT 2066
Facelift 40,60 1.8 D	RT 2066
Escort (V) 1.8 TD	RT 2066
1.8 TDi	RT 2066
Fiesta D 1600 (Bosch System)	RT 2058
(CAV System)	AS 301
1800	RT 2066
1800	RT 2065
(CAV 296)	AS 301
Fiesta (III) 1.8 D	RT 2066
1.8 TD	RT 2066
Classic 1.8 D	RT 2066
Fiesta (IV) 1.8D	RT 2065
35, 1.8 D	RT 2066
Granada D/ TD 2500	AS 301A
Mondeo TD 1800	RT 2066
Orion D 1600 (Bosch System)	RT 2058
(CAV System)	AS 301
D 1800 (RTA/RTB)	RT 2065
D/ TD 1800 (Bosch System)	RT 2066
D/ TD 1800 (CAV System)	AS 301
Orion (II) Facelift	RT 2065

Fuel Filters

Scorpio D/ TD 2500	-00.93
TD 2500	00.93-
Sierra TD 1800	00.82-00.93
D 2300	
P 100 TD 1800	
D (CAV 296)	
Transit D 2400 (CAV System)	00.78-00.84
D 2500	00.84-00.97
Transit 80 2.5	00.85-00.86
Transit 100/130 2.4, 2.5 D	00.76-00.86
Transit 190 2.5 D	00.85-00.86
Transit (III) 100 2.5 Di,DTi	00.86-00.94
120/130 2.5 Di	00.86-
150 Di, DTi	00.91-00.94
160 2.5 Di	00.86-00.91
160 2.5 DTi	00.89-00.91
190 2.5 Di, DTi	00.86-00.94
80,100,120,150,190 2.5 Di	00.95-
80,100,120,150,190 2.5 Di Turbo	00.95-

Isuzu

117 Coupe D 2200 (C223)	
Aska D/ TD 2000 (4FC1)	00.83-
Big Horn D 2200/2800	
TD 2200/2800	
Campo D 2200/2500	00.88-
Elf 150/250/350/450 2000/2400/3300/3900	
150/250/350 2500/2800/3600/3900	
Fargo D 1800 (4FB1)	
D 2000/2200/2400	
TD 2000	
Fastar D 2000/2200	
Trooper D 2200 (C223)/ 2800 (4JB1)	
TD 2200 (C223T)/ 2800 (4JB1T)	

Lada

Niva D 1.9 D	00.87-
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Lancia

Dedra TD 1900	
Delta TD 1900	
Kappa TD 2400	00.95-
Lybra 1.9 JTD	10.99-09.00
Prisma D/ TD 1900	
D 1900 (CAV 796)	
Thema TD 2500 (Bosch System)	
(CAV System)	
Zenta (Z) Tds	00.96-10.96
Zeta TD 2100	

Mazda

121 D 2200 [S2]	
323 Kombi D 1700	-00.89
323 (III Facelift) D 1700	11.89-00.90
626 D/ TD 2000 [RF]	
929 D [S2]	
Bongo D 2200 [RF,R2,S2]	

Mercedes

190 D/ TD 2000/2500 (W201)	00.83-00.93
200 D (W123)	00.76-00.85
(W124)	00.85-00.93
240 D/ TD (W123)	00.76-00.85
250 D/ TD (W124)	00.85-00.93
300 D/ TD (W123)	00.76-00.85
(W124)	00.85-00.93
C 200 D (W202)	00.93-
C 220/250 D (W202)	00.93-
C 250 TD (W202)	00.95-

Cargo
AS 301A

E 200 D (W124)

00.93-00.95

E 220 D (W210)

00.95-

E 250 D, TD (W124)

00.93-

E 250 D (W210)

00.95-

E 290 TD (W210)

00.96-

E 300 D, TD (W124)

00.93-

E 300 D (W210)

00.95-

S 300 TD (W140)

00.96-

S 350 TD (W140)

00.93-

V 230 TD

00.96-

240 GD

00.79-

250 GD

00.87-

290 GD

.....

300 GD

-00.89

.....

00.90-

350 GD

00.92-

MB 100D

00.88-

206 D/ 306 D/ 406 D

.....

207 D/ 307 D/ 407 D/ 507 D

.....

208 D/ 308 D/ 408 D/ 508 D

00.88-00.95

209 D/ 309 D/ 409 D

.....

210 D/ 310 D/ 410 D

00.88-

212 D/ 312 D/ 412 D

00.95-

609 D/ 709 D/ 809 D

00.86-

613D/813/913/1013/1213/1413/1613

.....

RT 2139

RT 2202

RT 2139

Fuel Filters

Nissan continued

Cabstar-Homer D 2200 (SD22)	Cargo
D 2000/ 2200 (LD22, SD22)	AS 301
D 2300/ 2700 (TD23, TD27)	RT 2201
Caravan-Homy TD 2000 (LD20T)	RT 2141
TD 2000 (LD20T)	RT 2201
TD 2700 (LD27T)	RT 2141
Cedric D 2000/ 2200 (SD20, SD22)	RT 2141
D 2800 (LD28)	RT 2201
D 2800 (RD28)	RT 2141
Cherry D 1700 (CD17)	RT 2201
..... 00.84-	RT 2141
Civilian D 3000/ 3300 (ED30, ED33)	RT 2438
D 3300 (ED33)	RT 2201
D 3300 (ED33, TD42)	RT 2141
TD 3300 (FD33T)	RT 2438
Datsun D 1700 (CD17)	RT 2141
D 2200 (SD22)	RT 2438
D 2300 (SD23)	RT 2141
D 2300 (SD23, TD23)	RT 2141
D 2700 (TD27)	RT 2141
Interstar 2.2 dCi	AS 3599
King Cab D 2200 (SD22)	RT 2203
D 2300/ 2500 (SD23, TD23, SD25, TD25)	RT 2141
Langley D 1700 (CD17)	RT 2141
..... 00.84-	RT 2201
Laurel D 2000/ 2800 (LD20, LD28)	RT 2201
D 2800 (LD28, RD 28)	RT 2141
Laurel Spirit D 1700 (CD17)	RT 2201
D 1700 (CD17) (SB12)	RT 2141
Patrol D 2800 (TD28)	RT 2201
D 2800 GR (TD28)	RT 2141
D 3300 (SD33)	RT 2203
TD 2800 (RD28T)	RT 2141
TD 3300 (SD33T)	RT 2201
Pick-Up D 2200 (SD22)	RT 2201
D 2300/ 2500 (SD23, SD25)	RT 2203
D 2500 (SD25)	RT 2141
Primera 1.9 (P12)	AS 3588
2.0 D (P10)	RT 2141
Primastar dCi 80, 100	AS 3599
Pulsar D 1700 (CD17)	RT 2141
Safari D 3300 (SD33)	RT 2438
D 4200 (TD42)	RT 2141
TD 3300 (CD33T)	RT 2201
Skyline D 2800 (LD28)	RT 2201
..... 00.83-	RT 2141
D 2800 (RD28)	RT 2141
Skyline Van D 2000 (LD20)	RT 2201
..... 00.83-	RT 2141
Sunny D 1700 (CD17)	RT 2141
Terrano D/ TD 2700 (TD27, TD27T)	RT 2141
Trade D 2000 (LD20, LD2011)	RT 2141
D 2800 (A4.28, A4.2811)	RT 2141
Urvan D 2200/ 2300 (SD22, SD23)	RT 2201
D 2300/ 2500 (SD23, TD23, TD25)	RT 2141
Vanette D 2000 (LD20)	RT 2201
D 2000 (LD20, LD2011)	RT 2141
TD 2000 (LD20T)	RT 2141

Opel

Arena 1.9 D	AS 3588
Ascona C 1.6 D	RT 2181
Ascona D 1600	RT 2181
D 2000	RT 2058
Astra D/ TD 1700	RT 2058
Astra (III) TD 1700	RT 2030
Compo D 2200	RT 2139
Corsa A 1.5 D	RT 2058
1.5 TD	RT 2058

Cargo		Cargo
AS 301	Corsa B 1.5 TD	00.93-
RT 2201	1.7 D	00.95-
RT 2141	Frontera A 2.3 TD	00.91-00.95 ..
RT 2201	2.5 TDS	00.96-00.98 ..
RT 2141	2.8 TDI	00.95-00.96 ..
RT 2141	Kadett D 1600 (Ch j2661242-)	00.82-00.84 ..
RT 2201 00.88-	RT 2181
RT 2141	D/ TD 1500/1600/1700	RT 2058
RT 2141	Kadett E 1600 D(Ch j2661242- j5114846)	RT 2058
RT 2201	1700 D	RT 2058
RT 2141	Monza TD 2300	RT 2159
RT 2438	Monterey D 3100	00.93-
RT 2201	Movano 1.9 DTI	09.00-10.01 ..
RT 2141	2.2 DTi	09.00-
RT 2438	2.5 D	07.98-09.00 ..
RT 2141	2.5 DTi	10.01-
RT 2141	2.8 DTi	01.99-10.01 ..
RT 2201	Omega D/ TD 2300	00.86-
RT 2141	TD 2500	00.94-
AS 3599	Rekord D/ TD 2000/ 2300	RT 2058
RT 2203	Senator D/ TD 2300	RT 2058
RT 2141	Vectra A 1.7 D	10.88-00.92 ..
RT 2141	1.7 TD	05.92-00.95 ..
RT 2141	Vivaro 1.9 D, DTi	08.01-
RT 2201	(Diesel Pre-Filter)	AS 3599
RT 2141 00.94-	RT 2016
Peugeot		
RT 2201	106 D 1400 Enterprise	00.92-00.94 ..
RT 2141	D 1500	00.94-
RT 2201	D 1400/1500	-00.95 ..
RT 2141	106 D (II) 1500	00.96-
RT 2203	204 D 1200	00.68-00.74 ..
RT 2141	204 GL D 1400	RT 3121
RT 2201	205 D 1800/1900	00.92 ..
RT 2141 00.92-	AS 301A
RT 2201	D 1800 XAD/XLD/XRD/XTD	RT 3119
RT 2141	TD 1800	RT 3122
RT 2201 00.92-	RT 3121
RT 2141	(Bosch System)	RT 2181
RT 2201	(CAV System)	AS 301A
RT 2141	304 D 1600 GLD/ Break	RT 3121
RT 2201	305 D GLD/SRD	-00.82 ..
RT 2141 00.82-	AS 301
RT 2201	GLD/SRD/GRD/GLSD	RT 3121
RT 2141 00.82-	AS 301
RT 2201	306 D/ TD 1900 XND/XRD/XRDT/XTDT	RT 3119
RT 2141	D/ DT SL/SR/ST/XND/XRD/XRDT/XTDT	RT 3122
RT 2201	TD 1900 (CAT)	00.97-00.99 ..
RT 2141	309 TD 1800	RT 3119
RT 2141	or	AS 301
RT 2141	D 1900	AS 301
RT 2141	or	AS 301A
RT 2141 00.92-	RT 3119
RT 2201	GLD/GRD/SRD/XAD/XLD	RT 3122
RT 2141 00.92-	AS 301A
RT 2201	405 TD 1800	-00.92 ..
RT 2141 00.92-	RT 3119
RT 2201	D/ TD 1900	00.92- ..
RT 2141 00.92-	AS 301A
RT 2201 00.92-	RT 3122
RT 2141	405 1.9 TD Estate/Break	00.92-
RT 2141	2.1 TD Estate/Break	00.96-
RT 2201	406 TD 1900/ 2100 SR/ST/SV	RT 3122
RT 2141	TD 1900	00.95-
RT 2201	TD 2100	00.95-
RT 2141	504 D 2000 GRD/SRD	RT 3120
RT 2141 00.92-	AS 301
RT 2141	D 2300 GLD/GRD/Break	RT 3121
RT 2141 00.92-	AS 301
RT 2201	505 D 2300 GLD/GRD/SRD (Bosch System)	RT 3121
RT 2141	(CAV System)	AS 301

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

Fuel Filters

505 TD 2300 GLD/SRD	-00.82
505 D 2500 GLD/GRD/SRD/SXD+Break (Bosch)	(CAV)
505 TD 2500 GRD/GTD/SRD (Bosch)	-00.82
(CAV)	
604 TD 2300 GRD/SRD	-00.82
TD 2500 GRD/SRD	00.82-
605 TD 2100 (CAV System)	
TD 2100	00.95-
TD 2100 TD	
TD 2100 SLTD/SRDTY/SVDT	-00.95
TD 2500 (CAV System)	
2.5 TD	07.94-09.99
806 TD 1900/ 2100	
TD 1900 SRDT/SVDT/ST	
TD 2100	00.96-
Boxer D 1900/ 2500	
TD 1900/ 2500	
(Diesel Pre-Filter)	
Expert D/ TD 1900 220 C	
.....	
Partner D 1800/ 1900	
D 1800/ 1900 170C/190C	
J5 D/ TD (Bosch System)	
(CAV System)	
.....	
J7 D (Bosch System)	
(CAV System)	
J9 D (Bosch System)	
(CAV System)	
Renault	
Avantime 2.2 dCi	05.02-
Clio D 1900	
(Bosch System)	
RL/RN/RT	00.95-
Espace TD 2100	00.84-00.91
(Bosch)	
(CAV 296)	
(CAV 796)	
Espace III 1.9 dTi	02.99-
2.2 TD 12V	11.96-10.00
Espace IV 1.9, 2.2, 3.0 dCi	11.02-
Express D 1600	
D 1900	
Fuego TD 2100 Spin-On	
Fuego TD 2100 Cartridge	
Kangoo 1.9 dCi	10.01-
Laguna 1.9 dCI	03.01-
2.2D	11.93-03.01
2.2 dT	03.96-03.01
2.2 dCi	10.01-
Master D 2100 (Bosch System)	
(CAV System)	
Master D 2500 P30/T30 (Bosch System)	-00.83
(CAV System)	-00.83
(Purflux System)	
Master D 2500 P35/T35 (Bosch System)	00.80-
(CAV System)	00.80-
or (CAV System)	00.80-
(Purflux System)	00.80-
Master TD 2500	
(Diesel Pre-Filter)	
Master II 2.2 dCI	09.00-
2.8 dTi	07.98-10.01
Megane D/ TD 1900	00.96-
R5 D 1600 (Bosch System)	
(CAV System)	
(Purflux)	

Cargo
RT 3121
RT 3121
AS 301
RT 3121
AS 301
RT 3121
RT 3121
AS 301A
RT 3120
RT 3120
RT 3122
AS 301A
AS 3588
RT 3119
RT 3122
RT 3120
RT 2058
AS 301
RT 2016
RT 3119
RT 3122
RT 3119
RT 3122
RT 3121
AS 301
AS 301A
RT 3121
AS 301
RT 3121
AS 301

AS 3588
AS 301
RT 3121
RT 3123
RT 3121
RT 2058
AS 301
AS 301A
AS 3588
AS 3588
AS 3588
AS 3588
RT 3121
RT 3121
RT 2058
AS 301A
AS 3588
AS 3588
AS 3588
AS 3588
AS 3588
AS 3588
RT 2058
AS 301A
RT 2058
AS 301
AS 301A
RT 3121
RT 3121
RT 2016
AS 3599
AS 3588
RT 3123
RT 2058
AS 301
RT 3121

R9 D/ TD 1600 (Bosch System)	00.83-	RT 2058
(Cav System)		AS 301
R11 D 1600 (Bosch System)		RT 2058
(Cav System)		AS 301
R18 D/ TD 2100 (Bosch System)		RT 2058
(CAV System)		AS 301A
R19 D 1900 (Bosch System)		RT 2181
(CAV System)		AS 301
R19 TD		AS 301
R21 D/ TD 2100 (Bosch System)		RT 2058
(CAV System)		AS 301A
R25 D 2100/2200		RT 2181
R25 TD 2100 (Bosch System)		RT 2058
(CAV 296)		AS 301
(CAV 796)		AS 301A
Rapid D 1600 (Bosch System)		RT 2058
(CAV System)		AS 301
Rapid D 1900 (Bosch System)		RT 3121
(CAV System)		AS 301
Safrane D 1900		RT 3123
Safrane Baccara D 3000	00.93-	RT 2058
Scenic II 1.9 dCi	06.03-	AS 3588
Trafic D 2100 (Bosch System)	00.81-	RT 2058
(CAV 296)		AS 301
(CAV 796)		AS 301A
Trafic D 2500 (Bosch System)		RT 2058
(CAV 296)		AS 301
(CAV 796)		AS 301A
Trafic P 1400 2.5 D	00.81-00.89 ..	RT 3121
Trafic dCi 80, 100	03.01-	AS 3599
Vel Satis 2.2, 3.0, dCi	06.02-	AS 3588
3.0 V6	06.02-	AS 3588
(Diesel Pre-Filter)		RT 2016
Seat		
Alhambra 1.9TDi	00.95-	RT 2067
SE 1.9 TD		RT 2067
Arosa 1.4 TDi	01.00-	SP 7034
1.7 SDi	08.97-	SP 7034
Cordoba D/ TD 1.9	00.94-	RT 2067
1.9 TDi	00.96-00.99 ..	RT 2067
Ibiza D 1.7 (Bosch System)		RT 2058
(CAV System)		AS 301
D/ TD 1.9	00.94-	RT 2067
Ibiza (III) D,TD	00.93-	RT 2067
Malaga D 1.7 (Bosch System)		RT 2058
(CAV System)		AS 301
Ronda D 1.7		RT 2058
Toledo D/ TD 1.9	00.92-	RT 2067
Toledo (II) 1.9 TDi	00.98-	RT 2067
Terra 1.3 D	00.87-00.91 ..	RT 2066
1.4 D	00.91-	RT 2067
(Diesel Pre-Filter)		RT 2016
Talbot		
Solara D 1.9		AS 301A
(Diesel Pre-Filter)		RT 2016
Toyota		
4 Runner TD 2500	00.89-	RT 2140
Blizzard D 2200 (L)	-00.84 ..	RT 2203
D/ TD (2L) type Q-LD21		RT 2140
Camry TD 1800	00.84-00.85 ..	RT 2140
TD 2000	10.85-00.86 ..	RT 2140
Carina D RWD 1800/ 2000	00.82-00.84 ..	RT 2140
Carina E 2.0 D	00.92-00.96 ..	RT 2140
Chaser D 2200 (L)	-00.84 ..	RT 2203
D/ TD 2400		RT 2140

Fuel Filters

Toyota *continued*

Coaster D 2500/3200	
D 3400	-00.83 ..
..... 00.83-00.84 ..	
..... 00.84- ..	
D 3700	00.88- ..
D/ TD 4000	00.82 ..
Commuter D 2200/2400/2800	
Corolla D 1800/2000	
Corolla II TD 1500	
Corolla (V) D 1800	00.80-00.83 ..
Corolla (VI) D 1800	05.87-00.92 ..
Corolla (VII) D 2000	00.93-00.95 ..
Corona D 1800/ 2000	
Cressida D 2200 (L)	
D/ TD 2400	
Crown D 2200 (L)	
D/ TD 2400	
Dyna D 2200/ 2400 (LY50/LY60)	
D 3000	00.77-00.83 ..
..... 00.83-00.84 ..	
..... 00.84- ..	
D 3000 (11B)	-00.88 ..
..... 00.88- ..	
D 3200 (2B/3BN)	
D 3400 (13B)	00.84-00.88 ..
D 3400 (14/B)	00.88- ..
TD 3400 (13B-T)	00.84- ..
Hi-Ace D 2200/ 2800	
D 2400 (LH 102/ 112/ 51/ 61)	
D 2400 (LH 60/ 65/ LN 85)	
Hi-Ace (III) 2200	00.82-00.85 ..
Hi-Ace (IV) 2400	00.89- ..
Hi-Lux (III) TD 2400 4x4	00.90- ..
D 2800	00.91- ..
Land Cruiser TD 2400	
D 3000/ 3200	
D 3400 (BJ42/ 46)	
D 3400 (BJ 60)	
Land Cruiser D 3400 (BJ 61)	00.82-00.84 ..
D 3400 (BJ 61/ 70/ 73)	00.84- ..
TD 3400/ 4000	
Land Cruiser Estate D4000 (HJ60)	00.81-00.90 ..
TD 4000 (HJ60)	00.84-00.90 ..
Lite-Ace D 1800/ 2000	
Masterace D/ TD 1800/ 2000	
Sprinter D 1800	
Starlet D 1500	
Tercel TD 1500	
Townace D/ TD 1800/ 2000	
Toyo-Ace D 2200	-00.83 ..
D 2200	00.83-00.85 ..
D 2400/ 2800	
D 3000	-07.85 ..
..... -0.85 ..	
..... 00.85- ..	
D 3000 (11B)	00.88- ..
D/ TD 3400 (13B)	00.85-00.88 ..
D 3700 (14B)	00.88- ..

Vauxhall

Arena 1.9 D	03.98-08.01 ..	AS 3588
Astra D 1600	00.82-00.89 ..	RT 2181
D 1700	-00.81 ..	RT 2181
D, TD 1700	00.91- ..	RT 2058
Astra 2 1.6 D	00.88-00.89 ..	RT 2181
1.7 D	00.89-00.91 ..	RT 2058
1.7 TD	00.92- ..	RT 2058
Astra 3 1.7 D	00.91-00.94 ..	RT 2058
1.7 D (LP Turbo)	00.94-00.98 ..	RT 2058

Cargo

RT 2438	Belmont D 1600	00.86-00.87 ..
RT 2438	D 1700	
RT 2203	Carlton D, TD 2300	00.84- ..
RT 2140	Cavalier D 1600	00.82-00.88 ..
RT 2140	D 1700	00.88-00.95 ..
RT 2203	Corsa D, TD 1500 (Isuzu)	00.93- ..
RT 2140	Frontera D, TD 2300	00.92- ..
RT 2140	TD 2800	
RT 2140	Movano 1.9 DTi	09.00-10.01 ..
RT 2140	2.2 DTi	09.00- ..
RT 2140	2.5 D, 2.8 DTi	10.98-09.00 ..
RT 2140	Nova D, TD 1500	00.89- ..
RT 2140	Omega TD 2500	00.94- ..
RT 2203	Vectra TD 1700	00.95- ..
RT 2140	Vivaro 1.9 DI, DTI	08.01- ..
RT 2140	(Diesel Pre-Filter)	

Cargo

RT 2181	RT 2181
RT 2058	RT 2058
RT 2058	RT 2181
RT 2058	RT 2058
RT 2058	RT 2058
RT 2058	RT 2058
AS 3588	AS 3588
AS 3599	AS 3588
RT 2058	RT 2058
RT 2058	RT 2058
RT 2058	RT 2058
AS 3599	AS 3599
RT 2016	RT 2016

VW

Caddy D 1600		RT 2058
Golf D, TD 1500, 1600	-00.83 ..	RT 2058
D, TD 1600 [1V/JP]	00.83-00.87 ..	RT 2066
..... 00.87- ..		RT 2067
Golf II D, TD 1600 [JP/JR]	00.84-00.91 ..	RT 2066
Golf II D (Cat)	00.89-00.91 ..	RT 2067
Golf III D, TD 1900	00.91- ..	RT 2067
Jetta D 1400	00.84-00.91 ..	RT 2066
..... 00.90-00.92 ..		RT 2067
D, TD 1600	-00.83 ..	RT 2058
..... 00.84-00.87 ..		RT 2066
..... 00.87- ..		RT 2067
D, TD 1600 [JR]	00.84-00.90 ..	RT 2067
D, TD [JR/MF]	00.84-00.92 ..	RT 2066
Lupo 1.2, TDi	10.98- ..	SP 7034
1.7 SDi	10.98- ..	SP 7034
1.4 TDi	06.98- ..	SP 7034
LT 35D 2.4	00.79-0093 ..	RT 2058
TD 2.4	00.86-00.90 ..	RT 2066
..... 00.89-00.92 ..		RT 2067
LT 45D 2.4	00.79-00.93 ..	RT 2058
Passat D, TD 1600	-00.88 ..	RT 2058
..... 00.88- ..		RT 2067
D, TD 1900	00.91- ..	RT 2067
Passat (IV) 1.9 TDI	10.96-00.98 ..	RT 2058
Polo D 1.3 D	-00.87 ..	RT 2066
D 1.3,1.4	00.87- ..	RT 2067
1.4 TDi	10.99-04.00 ..	SP 7034
1.7 SDi	10.99-09.01 ..	SP 7034
1.9 D, SDi	10.99-09.01 ..	SP 7034
1.9 TDi	09.00- ..	SP 7034
Santana D, TD 1600	00.82-00.87 ..	RT 2058
Transporter (T2) TD 1600	00.84-00.92 ..	RT 2066
D, TD 1600	-00.87 ..	RT 2058
..... 00.88-00.90 ..		RT 2067
D 1700	00.85-00.87 ..	RT 2058
or	00.86-00.90 ..	RT 2066
..... 00.88-00.90 ..		RT 2067
D, TD 1900	00.91- ..	RT 2067
Transporter (T4) D 1900	00.90-00.97 ..	RT 2067
TD 1900	00.93-00.96 ..	RT 2067
D 2400	00.90- ..	RT 2067
TDi 2400	00.95- ..	RT 2067
Taro D 2400	00.89-00.94 ..	RT 2140
Vento D,TD	00.92- ..	RT 2067
SDi	00.95- ..	RT 2067
TDi	00.96- ..	RT 2067
(Diesel Pre-Filter)		RT 2016

Fuel Filters**Volvo**

240 D 2400 00.82-00.93 ..
242 D 2000 00.79-00.81 ..
244 2.4 GL D6 00.78-00.82 ..
340 D 1600/ 2400 ..
460 TD 1900 ..
740 D, TD 2400 ..
760 TD 2300/ 2400 ..
780 TD 2400 00.86-
940 D, TD 2400 00.91-00.93 ..
960 TD 2400 00.92-
Coupe TD 2400 ..
S 70 2.5 TDI 00.97-
V/S 40 1.9 DI 07.00-12.03 ..
(Diesel Pre-Filter) ..

Cargo

RT 2058
RT 2058
RT 2058
RT 2058
AS 301
RT 2058
AS 3588
RT 2016

Glow Plugs

Alfa Romeo

	Cargo
Alfa 6 2.5 TD	06.83-02.87 ..
33 1.8 TD	09.86-03.94 ..
75 2.0 TD	05.85-02.92 ..
75 2.4 TD	10.88-02.92 ..
90 2.4 TD	10.84-01.87 ..
145 1.9 TD	04.94-
.....	10.96-
.....	11.96-05.98 ..
145 1.9 JTD	00.99-
146 1.9 TD	10.96-
.....	11.96-05.98 ..
155 1.9 TD	04.93-
.....	05.96-10.97 ..
155 2.0 TD	04.93-
155 2.5 TD	04.93-04.95 ..
156 1.9 JTD	00.99-
156 2.4 JTD	00.99-
164 2.5 TD	06.87-08.92 ..
164 2.5 Super TD	09.92-04.95 ..
166 2.4 JTD	00.99-
Alfetta 2.0 TD	10.79-09.83 ..
2.4 TD	04.83-12.84 ..
Guilietta 2.0 TD	03.83-04.85 ..
10, 13 AR6 2.5 D	04.85-02.86 ..
10, 14 AR6 2.5 D	03.86-
30, 32, 35, 40 AR8	04.78-12.89 ..

ARO

Aro 240, 241, 242, 244 2.5D [Peugeot]	03.77-09.86 ..	100511
Aro 240, 241, 242, 244, 246 2.5 D [XD3P, XD3TP Peugeot]	100511	
Enduro iD [VW]	01.86-	100512
10.1, 10.2, 10.3, 10.4 1.9 D	100511	

Audi

A2 1.2 TDI 3L [ANY]	09.99-	100436
A2 1.4 TDI [AMF]	09.99-	100436
1.4 TDI	11.03-	100624
A3 1.9 TDI [AGR]	09.96-	100436
1.9 TDI [ALH,AHF, ASV]	08.97-	100436
1.9 TDI [ATD, ASZ]	09.00-04.03 ..	100436
1.9 TDI	05.03-	100624
2.0 TDI	05.03-	100625
A4 1.9 TD	-04.96	100512
1.9 TDI	04.96-05.04 ..	100436
1.9 TDI	06.04-	100624
2.5 TDI Quattro [AFB]	09.97-	100538
A6 1.9 TDI [1Z]	07.94-	100436
1.9 TDI [AFN]	02.97-	100436
2.0 TDI	07.04- ..	100625
2.5 TDI [AAT]	-04.94 ..	100436
2.5 TDI [AEL]	09.94-	100436
2.5 TDI [AFB]	04.97-	100538
A8 2.5 TDI [AFB]	01.97-	100538
3.3 TDI	06.00-	100538
80 1.6 D, 1.9 D, TD	08.80-08.91 ..	100512
1.9 TD [AAZ]	09.91-	100512
1.9 TDI [1Z]	09.91-	100436
90 1.6 TD	10.84-03.87 ..	100512
.....	04.87-07.91 ..	100512
100 2.0 D 5D	08.78-07.89 ..	100512
2.0 D Avant	08.82-11.90 ..	100512
2.0 TD Avant	08.82-10.87 ..	100512
2.0 D, TD	08.89-	100512
2.4 D	08.89-11.90 ..	100512
2.5 TDI [ABP, AAT]	04.91-	100436
2.5 TDI [1T]	04.90-	100436
Water Heating	08.78-07.89 ..	100512

Austin (see Rover Group)

	Cargo
Astra 1.6 D	03.82-00.86 ..
Astra Max 1.6 D	03.85-
Brava 2.2 D	12.88-
CF 2.0 D	10.79-00.81 ..
CF2 2.3 D	00.81-00.84 ..
.....	00.84-
KB [C223 Isuzu]	08.87-
KBD26 Pick-up	04.84-
KBD41 4x4 Pick-up	07.82-
Midi van [Isuzu]	12.84-
2.0 D, 2.2 D	03.88-
Blitz 2.0 D	10.78-10.79 ..
.....	11.79-12.80 ..
2.3 D	09.80-00.84 ..
2.3 D [Peugeot XDP4/90]	01.69-12.74 ..

Buick

Century 4.3	00.82-00.83 ..	100549
4.3	00.84-	100615
5.7	100549
Electra 4.3	00.85-	100615
5.7	00.80-00.81 ..	100615
5.7	00.81-00.83 ..	100549
Lesabre 5.7	00.80-00.84 ..	100549
5.7	00.84-00.85 ..	100615
Regal 4.3 V6	00.82-00.83 ..	100549
4.3	00.84-	100615
5.7 V8	00.82-00.83 ..	100549
Riviera 4.1 5.7 V8	00.80-00.83 ..	100549
5.7	00.84-	100615

BMW

318 TDS 1.7 D	01.94-12.94 ..	100511
.....	01.95-	100511
TDS 1.8 D [M41]	11.94-	100545
320 D (E46) [M47]	09.98-	100536
330 D 3.0 (E46)	10.99-	100536
324 D 2.4 D (63 kW)	09.85-08.87 ..	100511
TD 2.4 D	09.87-12.93 ..	100545
Turing 2.4	01.88-12.93 ..	100545
325 TD 2.5 D	09.91-	100545
TDS 2.5 D	05.93-	100545
520 D 2.0 (E39)	04.00-	100536
524 D, TD 2.4 D	09.83-12.87 ..	100511
TD 2.4 D	03.88-08.91 ..	100511
525 TD, TDS 2.5 D	09.91-	100545
530 TDI (E39)	09.98-	100536
725 TDS 2.5 D	04.96-	100545
730 TD (E38)	09.98-	100536
X 5 3.0D (E56)	03.01	100536

Cadillac

De Ville 4.3	00.85-	100615
5.7 V8	00.80-00.83 ..	100549
5.7	00.84-	100615
Eldorado 5.7	100549
Fleetwood 5.7	100549
Seville 5.7	00.79-00.85 ..	100549
5.7	00.85-	100615

Caterpillar

Tractors and forklifts	100177
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Glow Plugs
Chevrolet

C serie 6200 cc 1/2, 3/4, 1 Ton	00.83-03.90	Cargo
R serie 6200 cc 1/2, 3/4, 1 Ton	00.87-03.90	100548
Bel Air Canada only	00.80-00.81	100549
Blazer V8 cyl	00.83-	100548
C 10,20,30	00.83-	100548
K 10,20,30	00.83-	100548
P 20,30	00.83-	100548
Caprice 5.7	00.80-00.83	100549
5.7	00.84-	100615
Celebrity 4.3	00.82-00.83	100549
4.3	00.84-	100615
Chevette	00.81-00.86	100245
El Camino V6 4.3	-00.82	100549
V8 350 C/D 5.7	00.80-00.82	100549
V8 350 Cu.In 5.7	00.82-00.83	100549
Impala 5.7	00.80-00.83	100549
5.7	00.84-	100615
Malibu 4.3 5.7	100549
Monte Carlo 4.3 V6	100549
5.7 V8	00.82-00.83	100549
5.7	00.84-	100615

Chevrolet & GMC Trucks

All 5.7	00.83-00.84	100615
6.2	00.91-00.94	100548
6.5	00.97-	100548
6.5 Turbo	00.92-00.96	100548
Blazer 6.2	00.83-00.86	100548
C series Pickup, K series Pickup		
6.2 1/2 ton	00.83-00.88	100548
6.2 3/4 ton	00.83-	100548
R series Pickup, V series Pickup		
6.2 1/2 ton	00.87-	100548
6.2 3/4 ton	00.87-	100548
Van 6.2	00.83-00.90	100548

Chrysler

Grand Voyager 2.5 TD LE	04.92-01.95	100511
.....	05.95-	100527
2.5 6 TD	09.95	100527
Jeep Cherokee 2.1 TD	01.88-01.95	100511
2.5 TD	10.94-	100527
Jeep Wrangler, Laredo, Sahara	07.88-	100511
Texas D 2.5 D	07.88-	100511
Voyager 2.5 TD (ES)	04.92-04.95	100511
2.5 TD (GS)	04.95-01.00	100527
XJ Cherokee 2.1 TD	04.84-12.87	100511

Citroen

AX 1.4 D	09.88-09.94	100303
1.4 D (K9Y K9A)	08.91-12.97	100303
1.5 D	10.94-	100335
Berlingo 1.8 D	08.96-08.98	100511
1.8 D (DW8TD)	09.98-	100542
1.8 D (XUD 7)	09.98-	100541
1.9 D	08.96-	100511
2.0 HDi	12.99-	100533
BX 17 D, TD	07.85-	100511
19 D	09.83-12.87	100511
19 TD	03.87-	100511
C1 1.4 HDi	06.05-	100593
C2 1.4 HDi	09.03-	100593
C3 1.4 HDi	10.02-	100593
C4 1.6 HDi	11.04-	100533
2.0 HDi	11.04-	100533
C5 2.0 HDi	03.01-	100533
2.2 HDi	03.01-	100533
C8 2.0 HDi	07.02-	100533
2.2 HDi	07.02-	100533

Cargo

C15 1.8 D	07.86-	100511
C25 1.9 D	07.87-	100511
2.5 D	07.81-06.88	100511
C32 D, C35 D, C45 D	08.79-12.79	100511
CX25 D	07.82-08.88	100511
TD	01.87-12.92	100511
CX 2500 D, Reflex	08.79-06.82	100511
Evasion 1.9 TD, 2.1 TD	07.94-08.98	100511
1.9 TD	09.98-	100541
2.0	09.98-	100543
2.1 TD	09.98-	100541
2.0 HDi	08.99-	100533
Jumper 1.9 D, 1.9 TD	03.94-	100511
1.9 D (XUD9 AU)	09.98-	100541
1.9 TD (XUD9TF)	09.98-	100541
2.5 D, 2.5 TD	03.94-	100511
2.5 TDi (DW10DU)	09.98-	100543
2.5 TDi (DJ5TED)	09.96-	100530
Jumpy 1.8 D, TD	09.98-	100542
1.9 D	11.95-	100511
1.9 TD	11.95-	100511
2.0	09.98-	100543
Saxo 1.5 D	09.96-	100335
Visa 1.7 D	01.84-	100511
Xantia 1.9 D	03.93-	100511
1.9 TD	03.93-	100511
1.9 D, TD	09.98-	100541
2.0 D, TD	09.98-	100543
2.1 TD	05.96-	100511
2.0 HDi	03.99-	100533
Xsara 1.5 D	10.97-	100541
1.8 D (break)	10.97-	100541
1.9 D, TD	10.97-	100541
2.0 HDi	02.99-	100533
XM D12, TD12	03.89-	100511
XM 2.5 TD	07.94-	100511
ZX 1.4 D (K9Y)	06.94-06.97	100303
1.8 D	03.91-	100511
1.9 D	03.91-	100511
ZX Aura TD 1.9 D	09.92-	100511

Daewoo

Famely 2.3 D	[OM661 D23] .. 10.86-06.96 ..	100331
Korando 2.3 D	[OM661 D23] .. 07.96-12.00 ..	100331
2.9 D, 2.9 TDI	[OM662 D29] .. 07.96-12.00 ..	100331
Musso 2.3D	[OM662 D23] .. 07.93-12.00 ..	100331
2.9 D	[OM662 D29] .. 07.93-12.00 ..	100331
2.9 TD	[OM662 D29] .. 05.97-12.00 ..	100331

Daihatsu

Charade D (CL-10)	01.83-01.87	100257
(CL-30)	02.87-	100281
(CL-70)	02.89-	100281
(CL-70) AT	02.89-	100283
Charade TD (CL-50)	09.84-	100257
(CL-50) AT	02.86-	100283
(CL-51)	01.87-	100283
(CL-70)	01.87-	100281
Delta D (B) 24V	09.80-07.88	100259
.....	08.88-	100431
(3B)	02.83-07.84	100270
(DG)	08.77-02.83	100256
(DL)	02.83-	100257
(2C)	08.88-	100283
(2CT)	08.88-	100257
Forutrek F50, F55, F60, F65	100256
Rocky 4WD (DL-40)	01.85-	100256
(DL-50)	01.85-	100257

Glow Plugs

Daihatsu *continued*

Taft 4WD (DG)	08.78-11.82 ..	100256
(DL)	12.82-04.84 ..	100257
Van S77, S77V (CL-20)		100256

Fiat

127 1.3D, Panorama	04.81-10.82 ..	100511
.....	11.82-12.86 ..	100511
131, 132 2.0 D, 2.5 D	03.78-12.84 ..	100511
132 2.5 D	09.79-05.85 ..	100511
Agenta 2.5 D	06.81-05.83 ..	100511
2.5 TD	06.83-11.85 ..	100511
Brava/ Bravo 1.9 D	09.95-07.96 ..	100534
1.9 TD, 2.0 D	08.96-	100534
1.9 JTD	00.99-	100534
Campagnola 2.5 D	06.79-10.86 ..	100511
Croma 1.9 TDid	03.88-06.90 ..	100320
.....	07.90-	100320
2.5 D	12.85-12.89 ..	100511
2.5 TD	12.85-08.89 ..	100511
.....	09.89-12.92 ..	100511
.....	01.93-01.94 ..	100329
Daily 28, 30, 32, 35, 40/F8	04.78-06.82 ..	100511
28, 30, 35, 40/F8	07.82-12.82 ..	100511
.....	01.83-	100511
QGS type	01.83-	100511
2445 Turbo	00.84-	100511
Ducato 10 2.5 D	03.94-03.98 ..	100303
10 D, 13 D	04.78-07.82 ..	100511
.....	08.82-12.85 ..	100511
10 D, 14 D	01.86-06.90 ..	100511
10 TD, 14 TD	01.90-	100511
14 2.5 D	03.94-03.98 ..	100303
14 2.5 TD	03.94-	100511
14 2.5 TDI	03.94-	100330
18 2.5 D	03.94-03.98 ..	100303
18 D Maxi, TD	01.86-06.90 ..	100511
2.8 D (230)	02.98-	100540
Duna	10.86-	100511
Fiorino 1.3 D	03.82-10.82 ..	100511
.....	11.82-12.87 ..	100511
1.7 D	12.87-	100511
Marea 1.9, 2.4 D, TD	09.96-	100527
1.9, 2.4 JTD	00.99-	100534
Marengo 1.9 D, 1.9 TD	01.92-	100303
2.0 D	01.86-07.89 ..	100303
2.5 D	05.80-09.83 ..	100511
Multipla 1.9 JTD	00.99-	100534
Panda 1.3 D	03.86-12.89 ..	100511
Punto 1.7 D	11.94-	100303
1.7 TD	06.93-	100511
.....	10.96-	100534
1.9 JTD	00.99-	100534
Regatta 1.7 D, 1.9 D	09.83-05.87 ..	100511
.....	06.87-	100303
Regatta TD 1.9 D	06.86-07.89 ..	100303
Ritmo 1.7 D	10.79-09.82 ..	100511
.....	10.82-12.87 ..	100511
1.7 TD	12.85-12.87 ..	100511
Scudo 1.9 D, 1.9 TD	03.96-	100511
2.0 JTD	12.99-	100533
Strada 1.7 D	10.79-09.82 ..	100511
.....	10.82-	100303
Talento 1.9 D	03.88-	100511
Tempra 1.9 D	02.90-06.96 ..	100511
1.9 TD	02.90-	100303
.....	06.93-	100511
Tipo 1.7 D, 1.9 TD	07.87-	100303
1.9 D	07.89-	100511
2.0 TD	06.93-	100511

Cargo

100256
100257
100256

Cargo

Uno 45 1.3 D	06.83-08.89 ..	100511
60 D 1.7 D	07.86-08.89 ..	100303
70 D 1.4 TD	03.86-08.89 ..	100303
TD 1.4 D	09.89-	100511
Uno 1.7 D	09.89-	100303
1.7 D Van	01.91-	100511
Ulysse 1.9 TD, 2.1 TD	09.94-	100511
2.0 JTD	10.99-	100533

Ford

Econo van [RF,R2]	00.93-	100261
Escort 1.6 D	04.84-01.89 ..	100303
1.6 D Van, Express	04.84-12.85 ..	100303
1.6 D (LTA)	02.84-12.85 ..	100303
1.8 D	01.89-08.93 ..	100303
1.8 D (RTA RTB)	01.89-07.90 ..	100303
1.8 D (RTF RTH)	01.95-12.00 ..	100303
1.8 D (Turnier)	08.90-07.98 ..	100531
1.8 TD	09.93-	100303
.....	07.96-	100531
1.8 TD (RFD RFK)	06.93-12.94 ..	100303
1.8 TD (RVA RFD RFK)	01.95-12.00 ..	100303
1.8 TD (RFS Tunier)	08.90-07.98 ..	100531
Fiesta 1.4 TDCi Commonrail	10.02-	100593
1.6 D	12.85-01.89 ..	100303
1.6 D (LTB)	04.84-02.89 ..	100303
1.8 D (RTC RTD)	03.89-12.96 ..	100303
1.8 TD	11.95-	100531
1.8 TD (RTP)	02.00-	100303
1.8 DiDT	03.96-	100546
Focus 1.8 DI	08.99-	100565
1.8 TDdi	10.98-	100565
1.8 TDCi	01.02-	100565
Focus C Max 1.6, 2.0 TDCi	10.03	100593
Fusion 1.4 TDCi	08.02-	100593
Galaxy 1.9 TDI	04.95-	100436
Granada 1.9 D, 2.1 D	02.79-08.82 ..	100511
2.5 D	08.82-08.85 ..	100511
Maverick 2.7 D	03.93-	100306
Mondeo 1.8 TD	03.93-	100531
1.8 TD (RFM RFN)	06.93-07.96 ..	100303
Mondeo III 2.0 16V Di (B5Y)	11.00-	100561
2.0 16V Di (B4Y)	11.00-	100561
2.0 16V Di (BWY)	11.00-	100561
Orion 1.6 D	04.84-01.89 ..	100303
1.6 D (LTA)	04.84-12.85 ..	100303
1.6 D (LTC)	04.86-01.89 ..	100303
1.8 D (RTA RTB)	01.89-12.93 ..	100303
1.8 TD (RFD RFK)	03.93-12.93 ..	100303
1.8 TD	07.96-	100531
Scorpio 2.5 D	04.85-02.92 ..	100511
2.5 TD	06.88-12.94 ..	100511
Scorpio II 2.5	09.96-08.98 ..	100527
2.5 TD (GNR GGR)	10.94-08.98 ..	100527
Sierra 1.8 TD (RFA RFB)	08.88-02.93 ..	100303
2.3 D, TD	09.82-09.89 ..	100511
A0406D, A0506D	01.78-06.83 ..	100303
P 100 1.8 TD (RFA)	02.89-12.92 ..	100303
Transit (York)	01.71-06.79 ..	100511
FT100, 120, 130, 160, 190 2.4 D	06.78-05.84 ..	100303
D	07.79-	100303
Transit 2.4 TDi..(FB-Y, FD-Y, FS-Y)	01.00-	100561
2.4 TDi ..(FA-Y, FAAY, FM-Y, FN	01.00-	100561
Transit Connect 1.8 TDCi	09.02-	100565
Transit (flamestart)		100580
Tractor		100177

Glow Plugs
Ford/Navistar

6.9l V8	Cargo
7.3l V8	100549
	100550

Ford Trucks

Econoline, Van, F series, Pickup	
T444E	100616
446 7.3	100614
420 6.9	100614
420 6.9	100549

Freight Rover (see Leyland-DAF)
GMC

Caballero 5.7	100549
N 5.7	100549
V8 5.7	100549

Honda

Accord 2.0 TD	100517
VI 2.0 DTi (CE,CF,CF1)	100529
Civic 1.7 TDi 16V Common Rail	100555
V 2.0 Di (MC,MC3)	100529
2.0 TD (MB,MB7)	100529
Concerto 1.8 TD	100511

Hummer

Hummer H1 Civilian (12V)	100548
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Hyundai

H 100 2.5 D	100528
Santa Fe 2.0 CRDi	100595
Trajet 2.0 CRDi	100595

Isuzu

117 Coupe (C223)	100245
Aska	100245
Bighorn (C223, Turbo)	100245
(C223)	100292
3.0 DTi (4JX1) Commonrail	100591
Elf 150 (C190, C240)	100275
.....	100245
11.79-06.84	100245
Elf 250 (C240)	100275
.....	100245
02.80-06.84	100275
Faster (C190)	100275
.....	100245
10.79-	100245
Faster (C223)	100245
.....	100292
08.87-	100284
Faster (4JB1)	100284
Florian (C190)	100245
Gemini (4EC1)	100298
.....	100292
12.88-	100511
Gemini (4EC1 Turbo)	100426
.....	100245
12.88-	100245
Gemini (4FB1, Turbo)	100245
Rodeo (C190)	100275
.....	100245
10.79-	100245
Rodeo (C223)	100245
12.82-07.87	100245
.....	100292
08.87-	100284
Rodeo (4JB1)	100284
Hipack Van (C223, Turbo)	100245
(C223)	100292
MU (4JX1) Commonrail	100591
Trooper, Turbo 2.3 D	100245
3.0 DTi (4JX1) Commonrail	100591
WFR50 (4FB1)	100245
(4FC1)	100245
Wizard (4JX1)	100591

Cargo

100549
100550

Jaguar

S-Type 2.7	06.04-
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Cargo

100622

Jeep (see Chrysler)
Kia

Besta 2.2 D	03.90-01.97 ..
2.7 D	03.90-07.99 ..
Pregio 2.7D [J2]	02.97-
Sportage 2.0 D	01.96-

Kubota Engine

Tractor, Combine, Lawn Mower, Generator, Construction machinery	
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1, 2, 3, 4, 6 Cyl.	100433
.....	100434
.....	100435
.....	100518

Lada

Aleko 1.8D (RTE,RTS)	00.96-
Niva 1.9D	10.93-
Samara 1.5D	00.96-

Lancia

Dedra 1.9 TD	03.89-09.94 ..
.....	10.94-
1.9 TD,DS	10.94-
1.9 TD,DS,LE	10.94-
1.9 TD, LE,ECO	06.93-
Delta 1.9 D, TD	06.86-06.91 ..
1.9 TD	10.94-
1.9 TD HPE	10.94-
1.9 TD LS	10.94-
Kappa 2.4 TD	11.94-
2.4 TD (838A3000)	11.94-06.96 ..
Prisma 1.9 D	06.84-12.89 ..
.....	07.85-
1.9 TD	05.85-12.89 ..
Thema 2.4 TD	11.84-12.92 ..
.....	01.93-
2.5 TD	06.88-
2.5 TD i.e.	10.93-12.95 ..
Zeta 1.9 TD, 2.1 TD	04.95-
2.0 JTD	09.99-

Land Rover

88D, 109D	09.63-12.86 ..
90D, 110D 2.3 D	09.83-12.86 ..
2.5 D, TD	09.83-07.90 ..
Defender 90D, 110D	08.90-
Discovery 2.5 D, 2.5 TDi	09.89-
Freelander 2.0 TD4	11.01-
Range Rover 2.4 D, 2.5 D	09.88-

Leyland DAF Vans

340, 350FG, 220, 240	100263
200 Serie 2.0 (Van, Pickup)	01.89-
400 Serie 2.5D, 2.5TD	100511
Sherpa 1.5D	01.83-
1.8 D (Van Pickup)	01.74-12.86 ..
2.0 D (Van Pickup)	01.88-12-89 ..
2.0D 200 DI	00.86-00.89 ..
2.5D MT 210	00.83-10.85 ..

Lincoln

Mark VII 2.4TD	12.85-
	100511

Massey Ferguson

Perkins [SHP]	100177
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Glow Plugs

Mazda

121 1.8 DiDT	03.96-
1.8 D	00.96-
323 [PN]	08.85-
[BHA7R]	10.94-
323 F 2.0	10.96-09.98 ..
323 F 2.0 DiDT	03.96-
323 S 1.7	02.95-09.98 ..
626 BC [RF]	09.83-00.87 ..
GD [S2]	00.88-
KB [RF]	09.92-
X [RF]	04.92-
2.0 DiDT	03.96-
929 [2S]	
B2200 [R2]	06.83-09.93 ..
[S2]	01.81-00.84 ..
B2500 [WL-T]	05.95-
B2900 [W9]	00.02-
E2200 2.2 D [F2]	
Hight bus Parkway [HA] 12V	10.80-
Ranger [S2]	
T2500 [XA] 12V	10.80-
T3000 [HA] 12V	10.80-
T4100 [ZB] 12V	10.80-
Premacy	00.99-

Mercedes

A 160 CDI	01.98-
A 170 CDI	01.98-
C 180 D [OM604]	01.98-
C 200 D [OM604.915]	01.96-
(W202) [OM601]	03.93-
C 200 CDI [OM611.960]	03.98-
C 220 D (W202) [OM604]	08.93-05.95 ..
(W202) [OM604.910]	06.95-
C 250 D (W202) [OM605]	05.93-
E 200 D (W124) [OM601]	07.93-
E 220 D (W210) [OM604]	03.95-
E 250 D, TD (W124) [OM602]	07.93-
(W124) [OM605]	07.93-
E 290 TD (W210) [OM602]	03.96-
E 300 D (W124) [OM606]	07.93-
TD (W124) [OM603]	07.93-
(W210) [OM606]	03.95-
G 240 D (W460) [OM616]	03.79-07.80 ..
w/pull and heater warning light	
.....	08.80-08.87 ..
G 250 D (W460) [OM602]	09.87-01.89 ..
.....	02.89-07.93 ..
(W463)	09.89-06.93 ..
G 300 D (W460)	12.79-07.80 ..
w/pull and heater warning light	
.....	08.80-08.90 ..
(W463)	09.89-
G 350 TD (W463)	09.91- ..
190 2.0D	09.83-01.89 ..
(W201) [OM601]	09.83-01.89 ..
190 2.5D	04.85-01.89 ..
.....	02.89-05.93 ..
190 2.5TD	02.88-01.89 ..
.....	02.80-05.93 ..
190 TD (W201) [OM602]	02.89-05.93 ..
200 D (W115) [OM615]	01.68.01.77 ..
w/pull and heater warning light	
200 D (W123) [OM615]	02.76-07.80 ..
w/pull and heater warning light	
.....	08.80-11.85 ..
200 D, TD (W124) [OM601]	12.84-01.89 ..
.....	02.89-06.93 ..

Cargo

100546	
100531	
100309	
100513	
100577	
100547	
100577	
100261	
100288	
100515	
100515	
100547	
100286	
100261	
100288	
100520	
100577	
100261	
100261	
100261	
100261	
100577	
MB100 D [OM616]	
.....	02.89-
Vito 108 D, 110 D [OM 601]	02.96-
Vito 2.1 CDI	03.98-
V230 TD	
207 D, 307 D, 407 D	05.77-08.82 ..
w/pull and heater warning light	
.....	09.82-01.89 ..
208 D, 308 D, 408 D, 508 D	10.88-03.95 ..
209 D, 309 D, 409D	04.82-10.89 ..
210 D, 310 D, 410 D	10.88-
507 D	04.86-04.89 ..
508 D	03.89-
O309 D	05.69-08.82 ..
w/pull and heater warning light	
.....	09.82-02.89 ..
Sprinter 208 D	04.95-
Sprinter 212 D [-009849]	04.95-
[009849-]	04.95-
Sprinter 212 D [-000137] AT	04.95-
[000137-] AT	04.95-
Sprinter 308 D	04.95-
Sprinter 312 D [-009849]	04.95-
[009849-]	04.95-
[-000137] AT	04.95-
[000137-] AT	04.95-
Unimog 421	-07.80 ..
w/pull and heater warning light	
.....	100295 ¹
421	08.80-
090, 100L [OM602]	11.92 ..
U600, 650, 650L	05.88-

¹ Only for models where the glow-system is changed to quick glow system.² Models without immobilizer use 100339.**MG (see Rover group)****Mitsubishi**

Canter (4D30) 24V	00.78-04.83 ..
(4DR7)	01.90-
(4D32) 24V	01.90-
(4D33) 24V	01.90-
(4D34) 24V	01.90-
(FE431) 24V	00.86-
(4M40)	11.93-09.94 ..
.....	09.94-

Glow Plugs

	Cargo
Colt C14A (4D65)	11.83-09.88 ..
C54A (4D65)	10.88-
(4D68T)	04.94-
Charanger (4M40) Turbo	09.96-
Delica (4M40) Turbo	04.96-
.....	05.94-04.96 ..
Galant (4D55, 4D55T)	05.80-00.84 ..
ceramic type	
Galant E14A (4D65)	06.84-00.94 ..
ceramic type	
Galant E34A (4D65T)	03.88-
(4D68T)	10.93-
Lancer C14A (4D65)	11.83-09.88 ..
C64A (4D65)	10.88-
(4D68T)	01.94-
L200/4WD (4D55T)	00.83-
(4D56)	00.86-10.93 ..
ceramic type	
L300/4WD (4D55)	11.82-05.86 ..
(4D56)	06.86-05.93 ..
ceramic type	
L400 (4D56T)	06.96-
(4D56)	06.96-00.97 ..
.....	00.97-
Pajero/Montero (4D55)	05.82-00.88 ..
for QGS type (not ceramic)	-0.88 ..
ceramic type	
(4D56)	00.96-
2.8 D, TD (4M40T)	07.93-04.00 ..
Pajero (4D56T)	07.93-
3.2 (4M41Di)	00.99-
Shogun TD	00.84-
Space-Gear	00.98-
Sigma E14A (4D65T)	00.85-00.88 ..
Sigma 2.3D (4D55T)	00.81-00.84 ..
ceramic type	
Industrial Engine	
Nissan	
Almera 2.2 VDI	00.01-
Almera Tino	00.01-
Atlas (QD32)	11.95-
Bassara [KH-JVU 30 JVNU 30	11.99-
Bluebird (LD20, LD20T)	05.80-12.81 ..
for QGS type	01.82-08.85 ..
Bluebird (LD20 II)	09.85-
Bluebird (LD28)	06.80-08.81 ..
for QGS type	08.81-
Cabstar (SD22) 12V	09.79-01.82 ..
(SD22) 24V	09.79-01.82 ..
(SD23)	01.83-
(SD25)	01.83-
(TD23, TD25, TD27)	
Caravan Hommy (QD32)	09.96-
Cedric 220C, 280C (SD20, SD22)	06.79-06.83 ..
Cedric (SD23)	00.84-
Cedric (LD28)	11.79-06.82 ..
for QGS type	06.82-06.85 ..
Cedric 220C, 280C (TD23)	
Cherry N12 (CD17) QGS	10.82-05.86 ..
Datsun Truck (QD32)	01.97-
EI Grand (QD32)	05.97-
(ZD30DDTi)	08.99-
F22 (SD23)	02.82-
(SD23) 24V	
(SD25)	12.81-
King Cab, 720 Pick-up, (SD23)	01.83-12.85 ..
.....	00.86-

King Cab (SD25) QGS Type	01.83-00.86 ..	100254
.....	00.87-	100271
King Cab (TD23, TD25, TD27)	02.87-	100287
King Van E24 (TD25)	02.87-	100287
Laurel (LD20, LD28)	11.80-11.81 ..	100248
for QGS type	11.81-10.86 ..	100250
Laurel (RD28)	00.89-	100324 ¹
and		100325 ¹
Maxima (RD28T)		100324 ¹
and		100325 ¹
Patrol (SD33, SD33T) 12V	08.82.00.86 ..	100251
.....	00.87-	100271
Patrol (SD33, SD33T) 24V	06.80-08.82 ..	100249
.....	08.82-06.85 ..	100252
.....	07.85-	100276
Patrol (RD28.T)	00.89-	100324 ¹
and		100325 ¹
Patrol GR 3.0 DDTi (ZD30DDTi)	02.99-	100578
Pick-up 720 (SD22)	10.79-03.83 ..	100247
QGS type	04.83-12.85 ..	100254
Presage [HK-VU 30 VNU 30]	06.98-	100560
Primera (CD20)	10.90-	100326
Regulus (TD27ETi)	08.96-	100336
(QD32ETi)	08.96-	100336
Serena (CD20)	00.91-	100326
(YD25DDTi)	08.99-	100560
Sunny B11 (CD17) QGS	08.82-10.85 ..	100253
Sunny (CD17)	09.85-00.91 ..	100302
.....	00.91-	100326
Sunny (CD20)	00.91-	100326
Sunny Van (CD17) QGS	10.82-09.85 ..	100253
.....	09.85-05.88 ..	100268
Terrano	08.86-	100287
Terrano II (TD27)	11.88-	100306
Terrano (TD27ETi)	09.96-	100336
(ZD30DDTi)	02.99-	100578
Truck Condor (QD32)	11.95-	100336
(QD32ETi)	07.96-	100336
Urvan (SD22) 12V	10.79-01.82 ..	100247
Urvan (SD22) 24V	09.80-04.82 ..	100249
.....	05.82-	100252
for QGS type	01.82-04.83 ..	100251
Urvan (SD23) QGS type 12V	04.83-	100254
Urvan	08.85-	100271
(TD23, TD27)	08.87-	100287
(LD20T) QGS type 12V		100250
Vanette C120 (LD20)	06.81-09.82 ..	100248
QGS type	10.82-00.86 ..	100250
Vanette 2.0 i	09.84-	100512
(LD20 II)	04.87-	100302
(CD20)	00.91-	100326

1 3 of each

Oldsmobile

98 5.7		100549
Ciera 4.3	00.82-00.84 ..	100549
4.3 (T,7)	00.85-	100615
Custom Cruiser5.7	00.85-	100615
Cutlass 4.3		100549
5.7		100549
Cutlass Supreme 4.3, 5.7	00.84-00.85 ..	100615
4.3, 5.7	00.82-00.83 ..	100549
Delta 88 5.7	00.79-00.84 ..	100549
5.7	00.84-	100615
Regency 4.3	00.85-	100615
5.7	00.84-	100615
5.7	00-79-00.84 ..	100549
Toronado 5.7		100549

Glow Plugs

Opel

Arena 2.5 D (S8U-758 780 782)	03.98-
Ascona B 2.0 D	07.78-10.79 ..
.....	11.79-08.81 ..
Ascona C 1.6 D	03.82-08.88 ..
Astra 1.7 D	10.91-08.94 ..
Öco/Eco	09.94-
1.7 TDL	09.91-
1.7 TD	12.91-
.....	11.94-
1.7DI 16V [Isuzu 4EE2]	02.99-
1.7 DTI 16V [Isuzu 4EE2]	02.99-
Campo 2.5 D	08.87-
Combo 1.7 DI, DTi 16V	10.01-
Corsa A 1.5 D [-804794 Isuzu]	09.84-08.91 ..
Corsa A 1.5 D, [-804794 Isuzu]	09.87-02.93 ..
[804795- Isuzu]	09.87-02.93 ..
Corsa A 1.5 TD, [-804794 Isuzu]	03.88-02.93 ..
[804795- Isuzu]	03.88-02.93 ..
Corsa B 1.5 D	03.93-
Corsa C 1.7 DI 16V [Isuzu 4EE2]	02.99-
1.7 DTi 1.6V [Isuzu 4EE2]	02.99-
Frontera 2.2 DTi (Y22DTH)	04.02-
2.3 D	03.92-
2.5 DTi (25TD TDS OH)	09.96-
Kadett D 1.6 D	03.82-08.84 ..
E 1.5 D [-804794 Isuzu]	09.84-
[804795- Isuzu]	09.84-
1.5 TD	09.88-08.91 ..
1.6 D	09.84-01.89 ..
1.7 D	02.89-08.91 ..
1.7 TD [-817252 Isuzu]	02.90-08.91 ..
[817253-]	02.90-08.91 ..
Monterey 3.1TD [Isuzu]	06.92-
[Opel]	06.92-
3.0DTi [Isuzu] (4JX1) Commonrail	07.98-08.99 ..
Movano 2.5 D (S8U-772)	06.98-
Meriva 1.7DTi	09.03-
Omega A 2.3 D, TD	09.86-01.94 ..
2.0 16V DTi	09.97-
Omega II 2.2 DTi (Y22DTH)	04.02-
2.5 TD [BMW]	02.94-
Rekord D 2.1 D	09.72-08.77 ..
Rekord E 2.0 D [-90309]	09.77-10.79 ..
2.0 D [90310-]	11.79-07.81 ..
2.0 D	08.81-10.82 ..
2.1 D, 2.3 D	09.77-10.79 ..
2.3 D	11.79-08.86 ..
2.3 TD	06.84-08.86 ..
Senator 2.0 D	09.77-10.79 ..
.....	11.79-07.81 ..
2.3 D	08.79-10.79 ..
.....	11.79-08.87 ..
Senator B 2.3 TD	11.84-08.87 ..
Vectra 1.7 D	09.88-
1.7 TD [-817252 Isuzu]	01.90-
[817253-819209 Isuzu]	03.90-
[819210- Isuzu]	00.95-
2.0 16V DTi	09.97-
2.0 DTi (Y20DTR)	04.02-
2.2 DTi	06.00-
Vivaro 1.9 DTi	08.01-
Zafira 2.2 DTi (Y22DTR)	04.02-

Cargo

100303
100086
100511
100511
100511
100511
100511
100511
100426
100513
100555
100555
100301
100555
100245
100298
100292
100299
100426
100513
100555
100555
100594
100511
100527
100511
100298
100292
100292
100511
100511
100299
100426
100426
100511
100591
100303
100555
100511
100544
100594
100545
100086
100086
100511
100511
100086
100511
100086
100511
100511
100299
100292
100513
100544
100594
100594
100436
100594

Peugeot

Boxer 1.9 D, 1.9 TD	03.94-	100511
2.0 D,TD(DW10DU)	09.98-	100543
2.5 D, 2.5 TD	03.94-	100511
Expert 1.8 D,TD	09.98-	100542
1.9 D, 1.9 TD	01.96-	100511
Partner 1.8 D	09.98-	100542
1.9 D	08.96-	100511
1.9 TD	09.98-	100542
2.0 HDi	02.00-	100533
106 1.4 D	10.92-	100303
1.5 D	03.94-	100335
107 1.4 HDi	06.05-	100593
204 1.2 D	05.68-05.73 ..	100566
1.3 D	01.73-10.77 ..	100556
205 1.8 D, TD	10.83-	100511
1.8 TD(XUD7T)	09.98-	100541
1.9 D	09.87-	100511
1.9 D (XUD9A)	09.98-	100541
206 1.4 HDi	10.02-	100593
1.9 D	09.98-	100542
1.9 D (5962.2Y)	00.98-	100535
2.0 TD HDi	12.99-	100533
304 1.4 D (M20)	10.76-10.79 ..	100566
1.4 D	10.76-10.79 ..	100566
1.5 D	02.79-08.80 ..	100511
305 1.6 D [-8712358]	11.77-04.81 ..	100511
1.6 D [8712359]	05.81-10.83 ..	100511
1.7 D	10.82-07.90 ..	100511
1.9 D	10.82-07.90 ..	100511
306 1.8 D,TD	09.98-	100542
1.9 D	03.93-	100511
1.9 D (XND,XRD,XTD)	09.98-	100541
1.9 TD	03.93-	100511
2.0 TD(DW 10 TD)	09.98-	100543
2.0 TD HDi	06.99-	100533
307 1.4 HDi	01.02-	100593
2.0 HDi	08.00-	100533
309 1.7 D, 1.9 D	06.86-	100511
1.7 TD	11.89-	100511
404 1.9 D	10.67-06.75 ..	100262
405 1.8 D, 1.9 D	03.88-	100511
1.9 TD	08.88-09.98 ..	100511
406 1.9 D,TD (XUD9SD)	09.98-	100541
2.0 D,TD(DW10TED)	09.98-	100543
2.1 TD	09.98-	100541
2.0 TD HDi	02.99-	100533
2.2 HDi	03.00-	100533
407 2.0 HDi	05.04-	100533
504 1.9 D	04.71-05.78 ..	100262
.....	06.78-09.79 ..	100511
1.9 D Pick-up	10.79-04.81 ..	100511
.....	05.81-06.87 ..	100511
2.1 D, 2.3 D	10.70-05.78 ..	100262
.....	06.78-06.83 ..	100511
2.3 D	07.84-	100511
2.5 D Pick-up	07.87-	100511
505 2.3 D,TD	09.79-09.86 ..	100511
2.5 D, TD	06.81-	100511
604 2.3 TD	02.79-06.83 ..	100511
2.5 TD	06.83-06.86 ..	100511
605 2.1 D	06.89-01.95 ..	100511
2.1 TD (XUD11BTF)	09.98-	100541
2.5 TD	07.94-	100511
607 2.2 HDi	02.00-	100533
806 1.9 TD, 2.1 TD	07.94-	100511
1.9 TD (XUD9TF)	09.98-	100541
2.0 D (DW10TED)	09.98-	100543
2.1 TD(DW10A TED)	09.98-	100543
TD HDi	00.99-	100533

Glow Plugs

1007 1.4 HDi	04.05-	Cargo
J5 1.9 D	11.87-	100593
2.5 D, TD	09.81-06.91 ..	100511
.....	07.91-	100511
J7 2.0 D, 2.1 D	10.67-04.78 ..	100262
.....	05.78-09.80 ..	100511
2.3 D	10.78-10.79 ..	100262
.....	10.79-09.80 ..	100511
J9 2.1 D, 2.3 D	10.80-10.82 ..	100511
.....	10.82-	100511
2.5 D	10.80-10.82 ..	100511
.....	10.82-	100511

Pontiac

6000 4.3l	100549
Bonneville 5.7	100549
Grand Prix 5.7	100549
Lemans 5.7	100549
Parisienne	100549

Renault

B 70 2.5 D	01.83-12.90 ..	100511
Clio 1.9 D	05.90-02.91 ..	100511
.....	03.91-	100294
Clio II 1.9D [F9Q780]	03.99-	100436
Espace 2.1 D, TD	01.83-	100511
Express 1.6 D	07.86-	100294
Fuego 2.1 D, TD	10.82-07.84 ..	100511
Kangoo 1.9 D (F8Q)	03.98-	100532
1.9 DT [F9Q780]	09.98-	100436
Laguna 1.9 TDi (F9Q)	10.97-03.01 ..	100529
1.9 dTi (B56, 56j)	10.97-03.01 ..	100529
1.9 dTi (K56, K56J)	10.97-03.01 ..	100529
1.9 dTi [F9Q 710,717]	04.99-02.01 ..	100436
1.9 dCi [F9Q718]	04.99-02.01 ..	100436
2.2 D, TD	01.94-	100323
Laguna II 1.9 CDi [F9Q750,754]	03.01-	100436
1.9 CDi [F9Q751,752]	03.01-	100436
Master P28, P35 2.4 D, 2.5 D	10.82-	100511
T28, T35 2.1 D, 2.4 D	09.80-05.82 ..	100511
.....	06.82-	100511
P28, P35 2.5 D [Sofim]	09.98-	100329
Master II 2.5 D (JD,ND)	07.98-01.01 ..	100540
2.8 dTi (Sofim)	09.97-	100540
1.9 dTi	01.00-	100436
Megane 1.9 D	11.95-	100432
1.9 TD	11.95-	100322
1.9 TDi (F9Q730)	01.96-03.01 ..	100529
1.9 dTi (BA08, BA0N)	03.97-02.01 ..	100529
1.9 dTi (LA08, LA0N)	03.97-02.01 ..	100529
1.9 CDi [F9Q731,732,736,738]	03.99-	100436
1.9 CDI [F9Q733]	05.00-	100436
1.9 DTi [F9Q744]	01.01-	100436
1.9 DCi [F8Q622,790]	04.99-	100592
Modus 1.5 DCi	12.04-	100436
R 4 Express, Extra 1.6 D	03.86-08.91 ..	100294
R 5 1.6 D [-00218404)	10.84-09.87 ..	100294
[00218405-]	10.84-09.87 ..	100511
[-00302729]	10.87-	100294
[00302730-]	10.87-	100511
Super 5 D	10.84-09.87 ..	100511
R 9 1.6 D	01.83-02.91 ..	100294
.....	03.91-	100294
R 11 1.6 D	01.83-02.91 ..	100511
.....	03.91-	100294
R 18 2.1 D	10.80-04.81 ..	100511
2.1 D, 4x4, TD	05.81-02.86 ..	100511

R 19 1.9 D [-00043240]	06.88-02.91 ..	100511
1.9 D [00043241-]	03.91-	100294
1.9 TD	09.90-	100322
R 20 2.1 D, TD	12.79-04.81 ..	100511
.....	05.81-12.83 ..	100511
R 21 1.9 D, 2.1 D, Nevada, Fastback, TD	03.86-02.91 ..	100511
1.9 D, Fastback	03.91-	100294
R 25 2.1 D, TD	01.84-	100511
R 30 2.1 D, TD	09.81-12.83 ..	100511
Safrane 2.1 D	04.92-	100511
2.5 D	05.93-	100329
Scenic 1.9 dTi (JA0N)	04.97-09.99 ..	100529
1.9 dTi (JA)	09.99-	100529
1.9 CDi [F9Q732,733]	03.99-	100436
1.9 CDi [F9Q740,746,748]	02.00-	100436
Supercirc 1.6 D	09.85-	100294
Trafic 4x4 1000 2.1 D	09.76-	100511
Trafic 2.1 D	09.80-	100511
2.5 D	09.80-02.89 ..	100511
1.9 DCi [F9Q760,762]	06.01-	100436
Winnebago 2.1 D	04.82-06.87 ..	100511

Rover

A60 D	100263
Discovery, Defender	100307
FL2/R Hire Car 2.5 D [Rover]	08.83-	100511
FX4/R Taxi 2.5 D [Rover]	08.83-	100511
Ital 1500	00.80-00.84 ..	100263
Maestro 2.0 TD	07.89-	100511
2.5 D	09.86-	100511
Marina 1500 D	00.71-00.80 ..	100263
Metro 1.4 D	01.92-	100303
Montego 2.0 TD	11.88-	100511
Rover 75 2.0 CDT	02.99-	100536
114 [Peugeot]	100303
115 SD, CSD [Peugeot]	03.95-	100335
200 serie 1.8 TD	100511
200, 400 serie 1.9 D	05.91-	100511
800 serie 2.5 TD	01.92-04.95 ..	100511
825 SD TD 2.5	05.95-	100527
2400S TD	04.82-10.86 ..	100284
Range Rover 2400 TD	07.86-	100284
2.5 D	09.89-	100307
2.5 TD	09.90-	100511
2.5 TDI	00.86-12.94 ..	100511
Range Rover Vogue 2.5 D	01.93-	100511

Saab

9-3 2.2 TiD	02.98-11.00 ..	100544
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Skoda

Fabia 1.4 TDi	04.03	100527
1.9 SDi	05.03	100527
1.9 SDi,	00.99-04.03 ..	100436
1.9 TDi	00.99-04.03 ..	100436
Felicia 1.9 D, Combi 1.9 D	00.95-	100512
Octavia 1.9 D	07.96-	100512
1.9 SDi	05.96-	100436
1.9 TDi [AGP]	07.97-	100436
1.9 TDi	06.04-	100624
2.0 TDi	06.04-	100625
Superb	02.02	100436
1.9 TDI [AVB,AWX]	02.02-	100527
2.5 TDi	02.02-	100538

Glow Plugs

Seat

131 2.5 D	06.82-08.87 ..
132 2.2 D	09.74-05.82 ..
Altea 1.9 TDi	04.04-
2.0 TDi	03.04-
Alhambra 1.9 TDi	04.95-09.01 ..
1.9 TDi	10.01-
Arosa 1.4TDi [AMF]	08.98-
1.7 SDI [AKU]	01.97-
Cordoba 1.9 D, TD	05.93-
1.9 TDi	07.96-09.02 ..
.....	10.02-
Ibiza 1.7 D	08.84-08.87 ..
.....	09.87-
1.9 D, TD	05.93-
1.9 TDi	03.04-
Inca 1.9 TD	11.95-
1.9 SDi	11.95-
1.9 TDi [AHU]	09.96-
Leon 1.9 TDi [AGR,AHL,AHF]	12.99-
1.9 TDi [ASZ]	05.03-
Malaga 1.7 D	05.85-08.87 ..
.....	09.87-08.91 ..
Ritmo 1.7 D	09.80-08.88 ..
Ronda 1.7 D	06.82-08.88 ..
Terra 1.3 D	01.90-
1.4 D	10.90-
Toledo 1.9 D, TD	03.91-
1.9 TDi	08.93-12.01 ..
.....	12.01-09.04 ..
.....	09.04-
Water Heating	100333

Cargo

100511
100511
100624
100625
100436
100527
100436
100436
100512
100436
100527
100511
100303
100512
100624
100512
100436
100436
100436
100511
100303
100511
100512
100436
100527
100511
100303
100511
100512
100624
100333

Carina (1C, 2C-L)	02.82-	Cargo
(2C-III)	05.88-	100257
(2C)	06.91-	100283
(2C-T)	08.99-	100283
Coaster (3B, 2H)	05.82-08.88 ..	100514
(1HZ) 12V	01.90-01.93 ..	100259
(1HZ) 24V	01.90-01.93 ..	100430
.....	01.93-05.95 ..	100431
.....	05.95-	100431
(3B,2H) 12V	08.88-01.90 ..	100430
(3B,2H) 24V	08.88-01.90 ..	100431
(3B) 24V	01.90-01.93 ..	100431
.....	01.93-	100431
Corolla (1C, 1C-L)	02.82-11.87 ..	100257
(1N-T)	05.86-08.90 ..	100258
.....	09.94-	100516
(1C-II)	05.87-	100283
(1C-III)	06.89-	100283
(2C-III)	06.91-	100283
(3C-E)	04.98-	100514
Corona (1C, 1C-II, 2C-L)	02.82-	100257
(2C-III)	12.87-	100283
Crown (L)	09.79-08.81 ..	100260
(L)	09.81-	100258
(2L)	08.83-	100258
(2L-T)	08.82-	100277
(2L-TE)	08.82-08.84 ..	100277
(2L-THE)	-07.89	100277
(2L-THE III)	08.89-	100291
Dyna (B) 12V	10.74-08.80 ..	100280
.....	08.80-04.82 ..	100270
.....	04.82-	100270
(2B) 12V	08.77-08.80 ..	100256
.....	08.80-	100270
(2J) 12V	01.73-10.74 ..	100256
(2L) 12V	08.87-	100258
.....	03.88-	100291
Dyna (B) 24V	10.74-08.80 ..	100280
.....	08.80-04.82 ..	100280
.....	04.82-07.89 ..	100259
.....	08.89-	100431
(2B) 24V	08.77-08.80 ..	100280
.....	08.80-	100282
(3B) 24V	08.80-04.82 ..	100280
.....	04.82-	100259
.....	10.92-05.95 ..	100431
(H, 2H) 24 V.	10.74-04.82 ..	100280
.....	04.82-04.83 ..	100259
(2J) 24 V.	01.73.10.74 ..	100280
Hi-Ace (L)	07.79-05.81 ..	100260
.....	05.81-	100258
(2L)	01.84-07.89 ..	100258
.....	08.89-	100291
(3L)	08.89-	100291
(1KZ-TE)	09.93-	100429
Hi-Lux (L)	12.79-10.81 ..	100260
.....	10.81-	100258
(2L)	11.83-	100258
(2L-T)	11.84-	100277
(2L-II)	09.89-	100291
(2L-II-T)	09.89-	100291
(2L-TE)	09.97-	100516
(3L)	09.89-	100291
(1KZ-TE)	08.93-11.95 ..	100429
Hi-Lux Surf (1KD-FTV 3.0)	10.00-	100556
Landcruiser (B) 12V	01.75-02.79 ..	100256
(3B) 12V	08.80-01.90 ..	100270
(3B) 24V	10.81-08.88 ..	100259
(2H) 12V	08.88-01.90 ..	100430

Glow Plugs

Landcruiser (1HZ) 12V	01.90-
(3B) 24V	08.88-01.90 ..
(2H) 24V	08.88-01.90 ..
BJ 70 3.4 D	03.89-12.96 ..
HJ 60 (2H)	10.82-
LJ 70 (2L-T) 12V	10.85-12.89 ..
KG-HZJ71 (1HZ)	08.99-
V-79 (1HZ)	08.99-
HDJ 80 4.2 D	10.92-12.97 ..
TD 12V	01.90-
(1HZ, 1HDT) 12V	01.90-
(1HZ) 24V	01.90-
(1PZ) 24V	01.90-08.92 ..
(1KZ-TE)	05.93-04.96 ..
(1KD-FTV) 3.0	10.00-
Lite-Ace (1C, 1C-II)	10.82-07.88 ..
(1C-II)	08.88-
(2C-II)	08.85-
(2C-III, 2C-IIIT)	08.88-
(3C-T)	08.94-
(2C)	10.96-
Picnic 2.2 (3C-TE)	08.97-
Pick-up (L)	08.82-
Premio (2C-T)	01.96-
Regius (5L)	08.97-
Starlet (1N)	12.86-01.89 ..
.....	12.89-01.96 ..
.....	01.98-
Sportsvan 2.2 (3C-TE)	08.97-
Townace (2C)	10.96-
Vitz 1.4 (D4-D) Commonrail	12.01-
Yaris 1.4 (D4-D) Commonrail	12.01-

1 Note! Variant preheat system

Valmet

Tractor	100177
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Vauxhall

Astra 1.5 D [-804794 Isuzu]	09.84-08.91 ..
[804795- Isuzu]	09.84-08.91 ..
1.5 TD [Isuzu]	09.88-08.91 ..
1.6 D	03.82-00.89 ..
1.7 D	06.89-08.91 ..
1.7 TD	02.92-
.....	11.94-
Astra Merit 1.7 D	06.89-
Astra Van 1.6 D	03.82-00.89 ..
Belmont 1.6 D	00.86-
1.7 D	04.89-
Brava Pick-up 2.5 D	03.92-
Carlton 1.6 D	00.82-
2.3 D [-40018]	05.83-00.86 ..
2.3 D [40019-0121526]	05.83-00.86 ..
2.3 D [0121527-]	05.83-08.86 ..
2.3 D	00.87-
2.3 TD	03.92-
Cavalier 1.6 D	03.82-08.88 ..
1.7 D	09.88-
1.7 TD	08.94-10.95 ..
Frontera 2.3 TD	01.92-
Monterey 3.1 TD	06.92-
Monterey II 3.0 DTi [Isuzu] (4JX1)	07.98-08.99 ..
Nova 1.5 D [-804794]	07.87-02.93 ..
1.5 D [804795-]	07.87-02.93 ..
1.5 TD [-804794]	07.88-02.93 ..
1.5 TD [804795-]	07.88-02.93 ..

Cargo

100430 ¹
100431
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100589 ¹
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100291
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100590
100590

VW

Beetle 1.9 TDi	01.98-
Bora 1.9 SDi	08.97-
1.9 TDi	10.98-
Caddy 1.6 D	08.82-07.92 ..
1.9 TDi	11.95-03.04 ..
1.9 TDi	04.04-
2.0 SDi	03.04-
Caravelle, Bus 1.6 D	09.82-08.87 ..
1.6 TD	01.85-
1.7 D	10.86-
Caravelle 1.9 D	10.90-
1.9 TD	10.92-
2.4 D	09.90-
Caravelle Syncro, Bus 1.6 TD	03.85-
Caravelle Syncro 2.4 D	11.92-
Eurovan 2.4 D	10.92-
Golf 1.5 D (I,II)	08.76-07.80 ..
1.6 D, TD (I,II)	08.80-10.91 ..
1.9 D, TD (III)	11.91-
1.9 SDI	02.95-
1.9 SDI (IV)	07.97-
1.9 TDI	09.97-04.02 ..
.....	04.02-
2.0 SDi (V)	01.04-
2.0 TDi (V)	10.03-
Jetta 1.6 D, TD	08.80-10.91 ..
Iltis 1.6 D	07.87-12.88 ..
Lupo 1.2 TDi [ANY]	11.98-11.00 ..
1.4 TDI [AMF]	06.98-10.01 ..
.....	11.01-
1.7 SDi	04.98-10.01 ..
.....	11.01
LT 2.4 D	08.78-08.92 ..
2.4 TD	12.82-08.92 ..
2.5 SDi	07.96-
2.5 TDi	08.95-04.96 ..
2.8 TDi	05.97-
2.8 TDi [AGK]	06.97-12.98 ..
Multivan 1.9 D	09.90-
1.9 TD	10.92-
2.4 D	09.90-
2.4 TD	11.92-
Passat 1.5 D	08.77-07.80 ..
1.6 D, TD	08.80-09.93 ..
1.9 D, TD	05.89-
1.9 TDI (eng. 1Z)	09.93-02.02 ..
1.9 TDI	03.02-
2.0 TDi	12.03-
2.5 TDI [AFB AKN]	10.98-
Phaeton 5.0 V10	11.02-
Polo 1.3D	06.86-08.90 ..
1.4 D	10.90-
1.4 TDi	01.99-
1.7 SDi	08.97-
1.9 SDi/TDi	07.96-10.03 ..
1.9 TDI	11.03-
1.9 TDI [ATD]	04.05-
Santana 1.6 D, TD	08.81-12.84 ..
Sharan 1.9 TDi	04.95-10.01 ..
.....	11.01-
Taro 2.4 D	01.89-
Transporter 1.6 D	07.80-07.92 ..
1.6 TD, Syncro	01.85-07.92 ..
1.7 TD	10.86-07.92 ..
1.9 D	09.90-
1.9 TD	10.92-
2.4 D	09.90-
2.4 D, Syncro	11.92-
2.5 TDi	01.95-04.98 ..

Glow Plugs

VW *continued*

		Cargo
Transporter IV 2.5 TDi	05.98-	100538
Turareg 2.5 TDi R5	01.03-	100527
5.0 V10	11.02-	100527
Turan 1.9 TDi	02.03-	100624
2.0 TDi 100 KW	02.03-	100625
2.0 TDi 103 KW	08.03-	100625
Vento 1.9 D, TD	11.91-	100512
1.9 TDi	10.93-	100436
1.9 SDi	03.96-	100436
Water Heating	10.93-	100333

Volvo

240 2.0 D, 2.4 D	08.79-09.81 ..	100512
2.4 D	08.81-	100512
340 1.6 D	09.84-	100294
360 1.6 D	07.84-	100512
440 1.9 TD [Renault]	01.94-	100322
460 1.9 TD	06.94-	100322
740 2.4 D	04.84-07.92 ..	100512
760 2.4 TD	08.82-07.92 ..	100512
780 2.4 TD	08.85-	100512
850 2.5 TDi [Audi]	01.95-	100436
940 2.4 D	09.90-08.93 ..	100512
2.4 TD Intercooler	01.94-	100512
960 2.4 TD Intercooler	09.91-	100512
S40 1.9 TD	01.96-	100322
S60 2.4 D5	07.01-	100622
S80 2.4	10.01-	100622
S80 2.4 D5	08.01-	100622
S70 2.5 TDi [D5252T]	01.97-08.00 ..	100436
V40 1.9 TD	01.96-	100322
V70 2.5 TDi [D5252T]	01.97-03.00 ..	100436
V70II 2.4	12.01	100622
2.4 D5	08.01	100622
2.4 D5 AWD	03.03	100622
XC90 D5	10.02	100622
Tractor		100177

Volvo Penta

AQD21A 12V	01.68-12.79 ..	100262
AQD32A 12V	08.69-12.77 ..	100262
MD21A 12V	01.68-07.79 ..	100262
MD32A 12V	08.69-12.77 ..	100262

Engine/Refrigeration unit and compressor

Thermo King [Isuzu C201]		100275
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Yanmar

Tractor, Combine, Generator. 3, 4 Cyl.		100522
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Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
ALFA ROMEO				
Alfa 75 2.0 TD	VM80A	162.BD,BG	05.85 - 09.92	160428
Alfa 75 2.4 TD	VM81A	162	10.84 - 02.92	160428
Alfa 164 2.5 TD	VM84A	164.A1A	06.87 - 09.92	160428
Alfa 164 2.5 TD	VM08B, VM32B	164.K2A,B	09.92 - 09.98	160428
AUDI				
A3 1.9 TDi	AGR, ALH		09.96 - 07.01 For engines w/ electronic diesel control (EDC)	160460
A6 3.2 FSi Quattro Avant	AUK	4F5	03.05 -	160453
80 1.6 TD	RA, SB		09.86 - 08.91	160420
80 1.6 Diesel	JK		09.86 - 08.91	160420
80 1.9 Diesel	1Y		08.89 - 08.91	160420
100 2.0 TD	NC		03.88 - 11.90	160420
100 2.0 TD Avant	NC		03.88 - 11.90	160420
100 2.4 Diesel, Avant	3D	44	08.89 - 07.91	160420
100 2.4 Diesel, Avant	AAS		12.90 - 06.94	160420
100 2.5 TDi, Avant	1T		01.90 - 11.90	160420
100 2.5 TDi, Avant	AAT, ABP		12.90 - 06.94	160420
CHRYSLER				
Voyager 2.5 TD	425CLIRS/X		10.95 - 12.00	160428
Voyager 2.5 TD SE	09B, M00	ES	04.92 - 09.95	160428
CITROEN				
AX 14 1.4 Diesel	K9A (TUD3)		09.88 - 06.92	160424
			W/o Post Heating	
AX 14 1.4 Diesel	K9Y (TUD3Y)		08.91 - 12.97	160424
			W/o Post Heating	
AX 15 1.5 Diesel	VJY (TUD5)		08.94 - 12.97	160436
Berlingo 1.8 Diesel	A9A (XUD7)		07.96 -	160434
Berlingo 1.9 Diesel	D9B (XUD9A/L)		07.96 -	160434
Berlingo 1.9 Diesel	D9B (XUD9A/L), DJY (XUD9A)		07.96 - 08.98	160436
Berlingo 1.9 Diesel	WJY (DW8B), WJZ (DW8)		07.98 -	160453
Berlingo 1.9 Diesel 4WD	WJZ (DW8)	MF	07.98 - 11.02	160436
Berlingo 2.0 HDi	RHY	MBRHY, MCRHY	12.99 -	160453
Berlingo 90 2.0 HDi	RHY (DW10TD)	MF	12.99 -	160453
BX 17 1.7 TD Break	A8A (XUD7TE), AJZ (XUD7TE)		03.88 - 12.94	160424
			W/o Post Heating	
BX 17 1.8 Diesel	161 (XUD7)		10.85 - 01.93	160424
			W/o Post Heating	
BX 17 1.8 Diesel Break	161A (XUD7)	XB.	10.85 - 09.93	160432
BX 19 1.9 Diesel	D9B (XUD9A/U)		03.87 - 02.93	160432
BX 19 1.9 Diesel	D9B (XUD9A/U)		03.87 - 02.93	160424
			W/o Post Heating	
BX 19 1.9 Diesel Break	162 (XUD9), D9A (XUD9)		09.83 - 12.87	160424
			W/o Post Heating	
BX 19 1.9 Diesel Break	D9B (XUD9A/U)		03.87 - 12.94	160424
			W/o Post Heating	
BX 19 1.9 Turbo TRD	A8A (XUD7TE), AJZ (XUD7TE)		03.88 - 02.93	160424
			W/o Post Heating	
C5 2.0 HDi	4HX (DW12TED4), RHZ (DW10ATED)		03.01 -	160453
C5 2.0 HDi Break	4HX (DW12TED4), RHS (DW10ATED4)		06.01 -	160453
C15 1.8 Diesel	161A (XUD7)		07.86 - 12.00	160424
			W/o Post Heating	
C25 1.9 Diesel	D9B (XUD9A/U)		07.87 - 01.94	160424
			W/o Post Heating	
C25 2.5 Diesel 4x4	CRD93L		01.87 - 01.94	160423
			W/o Post Heating	
C25 2.5 Diesel 4x4	CRD93L		01.87 - 02.94	160424
			W/o Post Heating	
C25 2.5 TD	CRD93LS		04.87 - 01.94	160423
			W/o Post Heating	
C25 2.5 TD	CRD93LS		08.87 - 02.94	160424
			W/o Post Heating	

Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
CITROEN continued				
C25 2.5 TD 4x4	CRD93LS		04.87 - 01.94	160423
C25 2.5 TD 4x4	CRD93LS		08.87 - 02.94	160424
			W/o Post Heating	
CX 25 2.5 Diesel	M25-660		04.87 - 12.92	160423
CX 25 2.5 Diesel, Break	M25-660		05.86 - 12.92	160424
			W/o Post Heating	
CX 25 2.5 TD	M25-669		01.87 - 12.92	160424
CX 25 2.5 TD, Break	M25-669		04.87 - 12.92	160423
			W/o Post Heating	
Evasion 1.9 TD	D8B (XUD9TF), DHX (XUD9TF/BTF)		11.94 - 07.02	160453
Evasion 1.9 TD	D8B (XUD9TF), DHX (XUD9TF/BTF)		11.94 - 07.02	160432
			Equipment var.: DSX	
Evasion 1.9 TD	D8B (XUD9TF), DHX (XUD9TF/BTF)		11.94 - 07.02	160433
			Equipment var.: DVSX	
Evasion 2.0 TD	XUD9TE		05.97 - 07.02	160432
Evasion 2.0 HDi	RHZ (DW10ATED)	U6U	08.99 - 07.02	160453
Evasion 2.1 TD	P8C (XUD11BTE)		05.96 - 07.02	160432
Jumper 1.9 TD	D8C (XUD9UTF)		02.94 - 02.02	160432
Jumper 1.9 TD	D8C (XUD9UTF),			
	DHX (XUD9TF/BTF)	230L, 230	03.94 - 02.02	160432
Jumper 1.9 TD, 4x4	D8C (XUD9UTF)	230P	08.94 - 02.02	160432
Jumper 2.4 Diesel	T9A (DJ5)	230L	03.94 - 04.02	160436
Jumper 2.4 TD	T8A (DJ5T)	230L	03.94 - 04.02	160436
Jumper 2.5 Diesel	T9A (DJ5)	230	03.94 - 04.02	160436
Jumper 2.5 Diesel 4x4	T9A (DJ5)	230P	08.96 - 04.02	160436
Jumper 2.5 TD	T8A (DJ5T)	230	03.94 - 04.02	160436
Jumper 2.5 TD 4x4	T8A (DJ5T)	230P	08.96 - 04.02	160436
Jumper 2.5 TDi	THX (DJ5TED)		12.96 - 11.00	160436
Jumpy 1.9 Diesel	D9B (XUD9A/U)		10.95 - 04.98	160434
Jumpy 1.9 TD	D8B (XUD9TF)		04.96 -	160453
Jumpy 1.9 TD	DHX (XUD9FT/BTF), DHX (XUD9TF/BTF)		10.95 -	160453
Jumpy 2.0 HDi	RHZ (DW10ATED)	U6U	03.00 - 07.00	160453
Saxo 1.5 Diesel	VJY (TUD5), VJZ (TUD5)		09.96 -	160436
Saxo 1.5 Diesel	VJY (TUD5)		09.00 -	160453
Visa 1.7 Diesel	161A (XUD7)		04.84 - 03.91	160424
			W/o Post Heating	
Xantia 1.9 Diesel	DJZ (XUD9Y)		06.94 - 01.98	160435
Xantia 1.9 Diesel	D9B (XUD9A/L)		06.94 - 01.98	160435
			Equipment var.: Exclusive, Prestige	
Xantia 1.9 Diesel	D9B (XUD9A/L)		06.94 - 01.98	160436
			W/ post heating "cut-out"	
Xantia 1.9 Diesel	DHW (XUD9SD)		02.96 - 01.98	160435
Xantia 1.9 Diesel	DHW (XUD9SD)	X2	01.98 - 12.01	160432
Xantia 1.9 Diesel Break	DHW (XUD9SD)		04.97 - 12.01	160432
Xantia 1.9 TD	DHY (XUD9TE/Y), DHX (XUD9TF/BTF)		10.94 - 08.98	160436
Xantia 1.9 TD	DHY (XUD9TE/Y),			
	DHX (XUD9TF/BTF)	X2	01.98 -	160453
Xantia 1.9 TD Break	DHY (XUD9TE/Y),			
	DHX (XUD9TF/BTF)	X1	06.95 - 01.98	160436
Xantia 1.9 TD Break	DHY (XUD9TE/Y),			
	DHX (XUD9TF/BTF)	X1	06.95 - 01.98	160453
Xantia 1.9 TD Break	D8B (XUD9TF)	X1	09.95 - 12.96	160435
Xantia 1.9 TD Break	D8B (XUD9TF), DHX (XUD9TF/BTF)		01.98 -	160453
Xantia 2.0 HDi, Break	RHZ (DW10ATED)	X2	02.99 -	160453
Xantia 2.1 TD 12V	P8C (XUD11BTE)		06.95 - 01.98	160432
Xantia 2.1 TD 12V	P8C (XUD11BTE)	X2	01.98 - 02.99	160432
Xantia 2.1 TD 12V Break	P8C (XUD11BTE)		01.98 - 02.99	160432
XM 2.1 Diesel, Break	P9A (XUD11A)	Y3	05.89 - 06.94	160432
XM 2.1 TD 12V, Break	P8A (XUD11ATE), PHZ (XUD11ATE), PJZ (XUD11ATE)		05.89 - 06.94	160432

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

Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
Xsara 1.5 Diesel	VJZ (TUD5)		04.97 - 09.00	160436
Xsara 1.8 Diesel, Break	161A (XUD7), A9A (XUD7)		04.97 - 09.00	160436
Xsara 1.8 TD		N1	10.97 - 09.00	160436
Xsara 1.9 Diesel, Break	DJY (XUD9A)		04.97 - 09.00	160436
Xsara 1.9 Diesel, Break	DHV (XUD9BSD)	N1	01.98 - 09.00	160453
Xsara 1.9 TD, Break	DHY (XUD9TE/Y)		04.97 - 09.00	160436
Xsara 1.9 TD Coupe	DHY (XUD9TE/Y)	N0	02.98 - 08.00	160432
Xsara 2.0 HDi, Break, Coupe	RHY (DW10TD)	N1	02.99 -	160453
Xsara 2.0 HDi, Break, Coupe	RHZ (DW10ATED)	N1	05.01 -	160453
Xsara Picasso 2.0 HDi MPV	RHY (DW10TD)		06.00 -	160453
ZX 1.8 Diesel	161A (XUD7)	N2	06.93 - 05.95	160424
ZX 1.8 Diesel, Break	161A (XUD7)	N2	06.95 - 06.97	160435
ZX 1.9 Diesel	DJZ (XUD9Y)		03.91 - 04.94	160424
ZX 1.9 Diesel	DJZ (XUD9Y)		07.92 - 06.97	160435
ZX 1.9 Diesel	D9B (XUD9A/U)		06.94 - 05.95	160424
ZX 1.9 Diesel	D9B (XUD9A/U)		06.95 - 06.97	160434
ZX 1.9 Diesel Break	D9B (XUD9A/U)		06.94 - 05.95	160424
ZX 1.9 Diesel Break	D9B (XUD9A/U)		06.94 - 10.97	160434
ZX 1.9 Diesel Break	DJZ (XUD9Y)		10.93 - 10.97	160435
ZX 1.9 TD, Break	DHY (XUD9TE/Y)		07.92 - 06.97	160432
DODGE				
Caravan 2.5 TD			01.95 - 03.01	160428
FIAT				
Brava 1.9 TD	182A7.000, 182A8.000	182	03.96 - 10.01	160464
Ducato 1.9 TD	DHX (XUD9TF/L)	230	04.98 - 10.01	160432
Ducato 2.4 TD	8144.21		01.86 - 08.90	160424
Ducato 2.5 Diesel	8144.67, CRD93L	280	01.82 - 08.90	160424
Ducato 2.5 Diesel	8144.67	290	07.90 - 03.94	160424
Ducato 2.5 Diesel	8140.67	230	03.94 - 04.02	160424
Ducato 2.5 Diesel 4x4	8144.67	280	03.89 - 08.90	160424
Ducato 2.5 Diesel 4x4	8144.67	290	07.90 - 02.94	160432
Ducato 2.5 Diesel 4x4	8144.67	290	07.90 - 03.94	160424
Ducato 2.5 Diesel Panorama, 4x4	8144.67, CRD93L		01.86 - 08.90	160424
Ducato 2.5 Diesel Panorama, 4x4	8144.67	290	07.90 - 03.94	160424
Ducato 2.5 TD, 4x4	8140.27	290	07.90 - 03.94	160424
Ducato 2.5 TD Panorama	8144.21	280	01.87 - 08.90	160424
Ducato 2.5 TD Panorama	8140.27	290	08.90 - 03.94	160424
Ducato 2.5 TD Panorama 4x4	8144.21	280	01.86 - 08.90	160424
Ducato 2.5 TD Panorama 4x4	8140.27	290	01.91 - 03.94	160424
W/o Post Heating				
Fiorino 1.7 Diesel	149B3.000		12.87 - 12.90	160426
Fiorino 1.7 Diesel	149B2.000		01.88 - 12.91	160432
Fiorino 1.7 Diesel Pick Up	146B2.000	146	10.93 - 12.97	160426
Fiorino 1.7 TD 65	146D7.000		01.97 -	160464
Marea 1.9 TD, Weekend	182A8.000	185..	09.96 -	160464
Marea 1.9 TD Weekend	182A7.000	185..	09.96 - 02.99	160464

Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
FIAT continued				
Palio 1.7 TD weekend	176A3.000		04.96 - 03.01	160464
Palio 1.9 Diesel weekend	223A6.000	178DYD1A07	03.01 -	160464
Panda 1300 Diesel	156A5.000	141A	04.86 - 12.92	160426
Punto 1.7 Diesel	176B3.000	176L	04.96 - 02.00	160433
Punto 1.7 TD	176A3.000, 176A5.000	176	01.94 - 09.99	160464
Punto 60 1.7 TD	176B7.000	176	09.96 - 09.99	160464
Scudo 1.9 Diesel	D9B	220	02.96 - 04.98	160434
Scudo 1.9 Diesel Combinato	WJZ (DW8)	220P	04.98 -	160434
Scudo 1.9 TD	D8B	220, 220L	02.96 -	160453
Scudo 1.9 TD, ECO	DHX (XUD9TF/L)		02.96 -	160453
Scudo 2.0 JTD	RHX	220L	12.99 -	160453
Scudo 2.0 JTD Combinato	RHZ	220P	12.99 -	160453
Strada 1.7 TD	176A3.000		06.99 -	160464
Talento 1.9 Diesel	149B1.000	290UAK, 290UK, 290UEHK, 290UTK	03.88 - 12.94	160432
Tempra 1.9 TD	160A6.000, 160D1.000	159AU,CU	05.90 - 08.96	160424
Tempra 1.9 TD	160B6.046	159AQ	07.92 - 03.93	160432
Tempra 1.9 TD Stationcar	160A6.000, 160D1.000	159AI,BI,A1,AU,CU	07.91 - 02.95	160426
Tipo 1.7 Diesel	149B4.000	160AG	01.88 - 10.94	160435
Tipo 1.9 TD	160A6.000, 160A6.046 160D1.000	160AR,AQ,EI,EL,GL	09.90 - 03.93	160432
Ulysse 1.9 TD	DHX (XUD9TF/L)	220	02.95 - 08.02	160453
Ulysse 1.9 TD	DHX (XUD9TF/L)	220	10.96 - 12.99	160432
Ulysse 2.0 JTD	RHZ	220	10.99 - 08.02	160453
Ulysse 2.1 TD	P8C	220	05.96 - 10.99	160432
Uno 1.3 Diesel Super	127A5.000, 146B1.000		06.83 - 03.92	160432
Uno 1.7 Diesel	146B2.000		09.89 - 12.93	160432
Uno 1.9 Diesel	149B5.046	146A	09.89 - 03.94	160432
FORD				
Escort 1.8 Diesel	RTA, RTB		07.88 - 07.90	160419
Escort 1.8 Diesel	RTE, RTF, RTH	GAL	07.90 - 12.92	160419
Escort 1.8 Diesel	RTE, RTF, RTH		08.93 - 12.96	160469
Escort 1.8 Diesel Express	RTH		07.90 - 12.94	160419
Escort 1.8 Diesel Express	RTH		08.93 - 12.94	160469
Escort 1.8 Diesel Express	RTF, RTH		01.95 -	160469
Escort 1.8 Diesel Stationcar	RTA, RTB	AWF,AVF	01.89 - 07.90	160419
Escort 1.8 Diesel Stationcar	RTE, RTF, RTH	GAL,AVL	07.90 - 12.92	160419
Escort 1.8 Diesel Stationcar	RFD, RFK, RTH	GAL	08.93 - 01.95	160469
Escort 1.8 Diesel Stationcar		GAL,ANL	01.95 - 02.99	160469
Escort 1.8 TD	RFD, RFK, RFS	GAL,AFL	08.93 - 10.98	160469
Escort 1.8 TD	RFD, RFK	GAL,AAL,ABL	01.95 - 09.01	160469
Escort 1.8 TD	RVA	GAL,AAL,ABL	12.95 - 10.98	160419
Escort 1.8 TD	RVA	GAL,AFL	12.95 - 02.99	160419
Escort 1.8 TD Cabriolet	RFD, RFK	ALL	09.95 - 08.98	160469
Escort 1.8 TD Cabriolet	RVA	ALL	10.96 - 08.99	160419
Escort 1.8 TD Stationcar	RFD, RFK	GAL,ANL	01.95 - 09.01	160469
Escort 1.8 TD Stationcar	RVA	GAL,ANL	12.95 - 02.99	160419
Fiesta 1.8 Diesel	RTC, RTD, RTG		08.93 - 12.95	160469
Fiesta 1.8 Diesel	RTJ, RTK		08.95 - 04.00	160418
Fiesta 1.8 Diesel courier	RTC, RTD, RTG	F5L	08.93 - 02.96	160469
Mondeo 1.8 TD, Stationcar	RFM, RFN	GBP	06.93 - 08.96	160469
Orion 1.8 Diesel	RTA, RTB		01.89 - 07.90	160419
Orion 1.8 Diesel	RTE, RTF, RTH	GAL	08.93 - 12.93	160469
Orion 1.8 TD	RFD, RFK	GAL	08.93 - 12.93	160469
Scorpio 2.5 Diesel	STR		12.85 - 02.92	160416
Scorpio 2.5 Diesel	STR		12.85 - 02.92	160419
			W/o Post Heating	
			W/ post heating	

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

Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
Scorpio 2.5 Diesel Stationcar	SCB, SFA, SFB		09.91 - 09.94	160416 W/o Post Heating
Scorpio 2.5 TD	SFA, SFB		06.88 - 07.93	160419 W/ post heating
Sierra 1.8 TD, Hatchback, Stationcar	RFA, RFB, RFL		04.89 - 02.93	160419
Sierra 2.3 Diesel Stationcar	YTR	BNG	01.87 - 02.93	160416 W/o Post Heating
Sierra 2.3 Diesel Stationcar	YTR	BNG	01.87 - 02.93	160419 W/ post heating
LANCIA				
Delta 1.9 TD	160D1.000, 835A4.000	836	07.95 - 08.99	160435
Dedra 1.9 TDS Stationcar	160D1.000, 835A4.000	835	07.95 - 07.99	160435
Zeta 2.0 JTD	RHW, RHZ		09.99 - 09.02	160453
MERCEDES BENZ				
190 2.0 Diesel	OM601.911	201	08.83 - 01.89	160446 W/ Post Heating - 5 Cyl.
190 2.0 Diesel	OM601.911	201	08.83 - 08.89	160449
190 2.0 Diesel	OM601.911	201	02.89 - 08.89	160442
190 2.0 Diesel	OM601.911	201	08.89 - 08.93	160446
190 E 2.0	M102.962	201	01.85 - 12.86	160449
190 E 2.0	M102.961	201	02.85 - 12.86	160449
			If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.	
190 2.5 Diesel	OM602.911	201	04.85 - 01.89	160443
190 2.5 Diesel	OM602.911	201	04.85 - 01.89	160450
190 2.5 Diesel	OM602.911	201	02.89 - 08.93	160447
190 2.5 Diesel	OM602.911	201	08.89 - 08.93	160447
190 2.5 TD	OM602.961	201	09.88 - 08.93	160463
200 2.0 Diesel	OM601.912	124	08.89 - 06.93	160441 W/o post heating
200 2.0 Diesel	OM601.912	124	08.89 - 06.93	160445 W/ Post Heating - 5 cyl
200 2.0 Diesel	OM601.912	124	08.89 - 06.93	160449
200 D 2.0 Diesel	OM615.940	123	07.76 - 02.79	160442
200 D 2.0 Diesel	OM615.940	123	03.79 - 11.85	160442
200 D 2.0 Diesel	OM601.912	124	12.84 - 08.89	160441
200 D 2.0 Diesel	OM601.912	124	12.84 - 01.89	160442
200 D 2.0 Diesel	OM601.912	124	12.84 - 08.89	160449
200 D 2.0 Diesel	OM601.912	124	02.89 - 08.89	160445
200 D 2.0 Diesel	OM601.912	124	09.85 - 08.91	160441 W/o Post Heating
200 TD 2.0 TD Stationcar	OM601.912	124	09.85 - 01.89	160442
200 TD 2.0 TD Stationcar	OM601.912	124	09.85 - 08.91	160449
200 TD 2.0 TD Stationcar	OM601.912	124	09.85 - 08.91	160441
200 TD 2.0 TD Stationcar	OM601.912	124	09.88 - 08.91	160441 W/o Post Heating
200 TD 2.0 TD Stationcar	OM601.912	124	09.88 - 01.89	160442
200 TD 2.0 TD Stationcar	OM601.912	124	09.88 - 02.89	160445 W/ Post Heating - 5 cyl
200 TD 2.0 TD Stationcar	OM601.912	124	09.88 - 08.91	160449
			If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.	

Glow Plug Controllers

Model MERCEDES BENZ <i>continued</i>	Eng.	Type	Date	Cargo
200 TD 2.0 TD Stationcar	OM601.912	124	02.89 - 08.91 W/o Post Heating - 5 cyl	160445
207 2.4 Diesel	OM616.939	601	09.82 - 01.89	160441
207 2.4 Diesel	OM616.939	601	09.82 - 01.89	160449
207 2.4 Diesel		601	If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.	
207 D 2.4 Diesel	OM616.937	601	09.82 - 01.89	160449
207 D 2.4 Diesel	W/o Post Heating	Exch. to 160449 in con. w/post heating glow plug		
207 D 2.4 Diesel	OM616.937	601	07.82 - 01.89	160449
207 D 2.4 Diesel		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
208 2.3 Diesel	OM601.940	601	09.82 - 01.89	160441
208 2.3 Diesel	OM601.940	601	10.88 - 02.96 W/o Post Heating - 4 Cyl.	160441
208 D 2.3 Diesel	OM601.940	601	10.88 - 06.95	160449
208 D 2.3 Diesel		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
209 D 3.0 Diesel	OM617.913	601	10.88 - 06.95	160449
209 D 3.0 Diesel	OM617.913	601	12.82 - 01.89	160443
209 D 3.0 Diesel		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
210 D 2.9 Diesel	OM602.940	601	01.89 - 06.93	160447
250 D 2.5 Diesel	OM602.912	124	01.89 - 06.93	160447
250 D 2.5 Diesel		W/o Post heating - 5 cyl. As 160463 but w/fixing on opposite side		
250 GD 2.5 Diesel	OM602.912	124	04.85 - 06.93	160449
250 TD 2.5 TD Stationcar	OM602.930	460	12.88 - 08.92	160449
		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
290 GD 2.9 Diesel	OM602.942	463	09.85 - 06.93	160449
300 3.0 Diesel 4 Matic	OM603.913	124	As Cargo 160441, but w/ fixing on opposite side	
300 3.0 Diesel 4 Matic		09.86 - 08.90 W/o Post Heating - 6 Cyl.	160444	
300 3.0 Diesel 4 Matic	OM603.913	124	09.90 - 08.92	160445
300 3.0 Diesel 4 Matic		W/ Post Heating - 5 cyl		
300 3.0 TD 4 Matic	OM603.960	124	09.90 - 08.92	160448
300 D 3.0 Diesel	OM603.912	124	02.89 - 06.93	160442
300 D 3.0 Diesel		As Cargo 160441, but w/ fixing on opposite side		
300 D 3.0 Diesel 4 Matic	OM603.912	124	12.84 - 01.89	160444
300 D 3.0 Diesel 4 Matic		W/o Post Heating - 6 Cyl.		
300 D 3.0 Diesel 4 Matic	OM603.913	124	08.89 - 06.93	160448
300 TD 3.0 Diesel Stationcar	OM603.912	124	08.89 - 08.90	160442
300 TD 3.0 Diesel Stationcar		W/ Post Heating - 6 Cyl.		
300 TD 3.0 Diesel Stationcar	OM603.912	124	08.89 - 06.93	160444
300 TD 3.0 Diesel Stationcar		W/o Post Heating - 6 Cyl.		
300 TD 3.0 Diesel Stationcar	OM603.960	124	02.89 - 06.93	160442
300 TD 3.0 Diesel Stationcar		As Cargo 160441, but w/ fixing on opposite side		
300 TD 3.0 Diesel Stationcar	OM603.912	124	02.89 - 06.93	160448
300 TD 3.0 Diesel Stationcar		As Cargo 160441, but w/ fixing on opposite side		
300 GD 3.0 Diesel	OM603.912	460	03.79 - 01.89	160444
		W/ Post Heating - 6 Cyl.		
		09.86 - 01.89	160444	
		W/o Post Heating - 6 Cyl.		

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Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
300 GD 3.0 Diesel	OM617.931	460.3	12.79 - 12.91	160449
		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
300 GD 3.0 Diesel	OM603.931	463	09.89 -	160448
			W/ Post Heating. - 6 Cyl	
300 GD 3.0 Diesel Cabriolet	OM603.931	463	12.90 - 09.97	160448
			W/ Post Heating. - 6 Cyl	
307 D 2.4 Diesel	OM616.939, OM616.937	602	06.82 - 01.89	160441
			W/o Post Heating	
307 D 2.4 Diesel	OM616.939	602	06.82 - 01.89	160449
		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
307 D 2.4 Diesel	OM616.937, OM616.939	602	09.82 - 01.89	160449
		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
307 D 2.4 Diesel	OM616.937	602	10.82 - 01.89	160441
			W/o Post Heating	
307 D 2.4 Diesel	OM616.937	602	10.82 - 01.89	160449
		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
308 D 2.3 Diesel	OM601.940	601, 602	10.88 - 02.96	160449
309 D 3.0 Diesel	OM617.913	602	10.82 - 01.89	160443
			W/o Post Heating - 4 Cyl.	
309 D 3.0 Diesel	OM617.913	602	10.82 - 01.89	160449
		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
309 D 3.0 Diesel	OM617.913	602	10.82 - 01.90	160447
		W/o Post heating - 5 cyl. As 160463 but w/fixing on opposite side		
310 2.9 Diesel	OM602.940	602	06.89 - 06.95	160449
310 D 2.9 Diesel	OM602.940	601, 602	06.89 - 06.95	160449
407 D 2.4	OM616.913, OM616.939	T1/TN	00.81 - 00.89	160441
			W/o Post Heating - 4 Cyl.	
408 D 2.3	OM601.940	T1/TN	10.87 - 12.92	160449
		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
410 D 2.9	OM602.940	T1/TN	01.89 - 01.90	160447
			W/o Post heating - 5 cyl.	
507 D 2.4	OM616.914	T2/LN1	04.86 - 04.89	160441
			W/o Post Heating - 4 Cyl.	
507 D 2.4	OM616.914	T2/LN1	04.86 - 04.89	160449
		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
507 DK 2.4	OM616.914	T2/LN1	04.86 - 04.89	160441
			W/o Post Heating	
507 DK 2.4	OM616.914	T2/LN1	04.86 - 04.89	160449
		If car is changed to post heat system, use 160441 = 4 cyl. or 160443 = 5 cyl.		
508 D 2.3	OM601.941	T2/LN1	03.89 - 12.94	160449
C 200 C 2.0 CDi	OM611.960	202	03.98 - 05.00	160705
C 200 C 2.1 CDi	OM611.962	203	09.00 -	160705
C 200 C 2.2 CDi Stationcar	OM611.960	202	03.98 - 03.01	160705
C 200 D 2.0 Diesel	OM601.913	202	03.93 - 05.00	160705
C 200 D C 2.0 Diesel	OM604.915	202	10.96 - 05.00	160705
C 200 T C 2.0 Diesel Stationcar	OM604.915	202	10.96 - 03.01	160705
C 220 C 2.1 CDi Coupe	OM611.962	203	03.01 -	160705
C 220 C 2.1 CDi	OM611.962	203	05.00 -	160705
C 220 C 2.2 Diesel	OM604.910	202	07.96 - 05.00	160705
C 220 C 2.2 CDi	OM611.960	202	09.97 - 05.00	160705
C 220 D 2.2 Diesel	OM604.910	202	08.93 - 05.00	160705
C 220 T C 2.2 Diesel Stationcar	OM604.910	202	06.96 - 03.01	160705
C 220 T C 2.2 CDi Stationcar	OM611.960	202	09.97 - 03.01	160705
C 250 D 2.5 Diesel	OM605.910	202	05.93 - 05.00	160707
C 250 T C 2.5 TD Stationcar	OM605.960	202	06.96 - 03.01	160707
C 250 TD C 2.5 TD	OM605.960	202	10.95 - 05.00	160707
C 270 CDI 2.7 CDi Stationcar	OM612.962	T203	03.01 -	160706
C 30 AMG C 3.0 DCi, Coupe	OM612.990	W203	01.03 -	160706
MB 100 D 2.4 Diesel	OM616.963	631	02.88 - 08.89	160442
			As Cargo 160441, but w/ fixing on opposite side	
Sprinter 208 2.3 Diesel	OM601.943	901,902	01.95 - 04.00	160442
			As Cargo 160441, but w/ fixing on opposite side	

Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
MERCEDES BENZ continued				
Sprinter 210 2.9 Diesel	OM602.980	901,902	01.97 - 04.00	160449
Sprinter 308 2.3 Diesel	OM601.943	903	02.95 - 04.00	160449
Sprinter 310 2.9 Diesel	OM602.980	903	02.95 - 04.00	160449
Sprinter 310 2.9 Diesel 4x4	OM602.980	903	05.97 - 08.02	160449
V 230 v 2.3 TD	OM601.970		09.96 -	160449
Vito 108 2.3 Diesel	OM601.942	638	02.96 -	160449
Vito 110 2.3 Diesel	OM601.970	638	02.96 -	160449
Vito 110 2.3 TD	OM601.970	638	03.97 -	160449
OPEL				
Astra F 1.7 Diesel	17DR		07.92 - 01.99	160419
Astra F 1.7 Diesel, Caravan, Hatchback	17DR		12.91 -	160419
Astra F 1.7 Diesel, Caravan, Hatchback	17D		12.91 - 09.92	160419
Astra F 1.7 Diesel, Caravan, Hatchback	17D		03.92 - 09.92	160416
Astra F 1.7 Diesel, Caravan, Hatchback	17DR		07.92 - 09.98	160416
			W/o post heating	
Frontera A 2.3 TD Long	23DTR		03.92 - 10.98	160419
Kadett Combo E 1.7 Diesel	17D		01.89 - 07.94	160416
Kadett E 1.7 Diesel, Caravan, Hatchback	17D		02.89 - 08.91	160419
Kadett E 1.7 Diesel, Caravan, Hatchback	17D		08.88 - 09.92	160416
			W/ Post Heating	
Omega A 2.3 Diesel, Caravan	23YD		10.86 - 03.94	160416
Omega A 2.3 TD, Caravan	23DTR		08.88 - 03.94	160416
			W/o post heating	
Vectra A 1.7 Diesel, Hatchback	17D		10.88 - 09.92	160416
			W/o post heating	
PEUGEOT				
Boxer 1.9 Diesel	D8C (XUD9AU)		03.94 - 06.95	160424
			W/o post heating	
Boxer 1.9 Diesel	D8C (XUD9AU)		07.95 - 04.02	160434
Boxer 1.9 TD	D8C (XUD9UTF)		03.94 - 02.02	160432
Boxer 1.9 TD	D8C (XUD9UTF)	230P	03.94 - 02.02	160432
Boxer 1.9 TD	DHY (XUD9TE)	230P	08.94 - 02.02	160432
Boxer 1.9 TD	D8C (XUD9UTF)		07.96 - 02.02	160432
Boxer 1.9 TD	DHY (XUD9TE)		12.98 - 02.02	160432
Boxer 1.9 TD		230L	07.99 - 02.02	160432
Boxer 1.9 TD 4x4	D8C (XUD9UTF)		07.96 - 02.02	160432
Boxer 2.5 Diesel	T9A (DJ5)		03.94 - 04.02	160436
Boxer 2.5 Diesel 4x4	T9A (DJ5)		07.96 - 04.02	160436
Boxer 2.5 TD	T8A (DJ5T)	230P	03.94 - 04.02	160436
Boxer 2.5 TD 4x4	T8A (DJ5T)		07.96 - 04.02	160436
Expert 1.9 TD	D8B (XUD9TE)		02.96 -	160432
Expert 1.9 TD	DHX (XUD9TE)		06.98 -	160432
J5 1.9 Diesel	D9B (XUD9A)		10.90 - 01.94	160424
			W/o post heating	
J5 2.5 Diesel	CRD93		10.90 - 06.91	160423
J5 2.5 Diesel	CRD93		07.91 -	160424
J5 2.5 Diesel 4x4	CDR93		10.90 - 06.91	160423
J5 2.5 Diesel 4x4	CDR93		07.91 -	160424
J5 2.5 TD	CRD93LS		06.91 -	160423
J5 2.5 TD	CRD93LS		07.91 -	160424
			W/o post heating	

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Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
J5 2.5 TD	CRD93LS		10.90 - 06.91	160423
J5 2.5 TD 4x4	CRD93LS		10.90 - 06.91	160423
J5 2.5 TD 4x4	CRD93LS		07.91 -	W/o post heating 160424
J5 2.5 TD 4x4	CRD93LS		10.90 - 06.91	W/o post heating 160423
J5 2.5 TD 4x4	CRD93LS		07.91 -	W/o post heating 160424
Partner 1.8 Diesel	A9A (XUD7)		07.96 -	160434
Partner 1.9 Diesel	DJY (XUD9A)		06.96 -	160434
Partner 1.9 Diesel	DJY (XUD9A)		06.96 - 08.98	160436
106 1.4 Diesel	K9Y (TUD3Y)	1A, 1C	09.92 - 04.96	160431
106 1.5 Diesel	VJY (TUD5)	1A, 1C	06.94 -	160436
106 1.5 Diesel Hatchback	TUD5	1A, 1C	06.94 - 04.96	160436
205 1.9 Diesel	DJZ (XUD9Y)		10.87 - 08.98	160424
205 1.9 Diesel	DJZ (XUD9Y)		10.87 - 09.98	W/o post heating 160432
206 1.9 Diesel	WJZ (DW8)	2A/C	09.98 - 11.01	160453
206 2.0 HDi	RHY (DW10TD)	2A/C	12.99 -	160453
305 1.9 Diesel	162 (XUD9)		10.82 - 07.90	160423
305 1.9 Diesel	162 (XUD9)		10.82 - 07.90	160424
305 1.9 Diesel	162 (XUD9)		10.82 - 07.90	160432
306 1.8 Diesel Hatchback	A9A (XUD7)	7A, 7C, N3, N5	05.93 -	160434
306 1.9 Diesel	DHV (XUD9BSD)	7B, N3, N5	06.98 - 10.03	160432
306 1.9 Diesel, Break	WJY (DW8B), WJZ (DW8)	7B, N3, N5	09.98 -	160453
306 1.9 Diesel Break	DJY (XUD9A)	7E, N3, N5	03.97 - 08.98	160436
306 1.9 Diesel Break	DHV (XUD9BSD)	7E, N3, N5	06.98 - 03.02	160432
306 1.9 Diesel Hatchback	DJZ (XUD9Y)	7A, 7C, N3, N5	05.93 - 08.98	160436
306 1.9 Diesel Hatchback	DJY (XUD9A)	7A, 7C, N3, N5	06.94 - 08.98	160436
306 1.9 Diesel Hatchback	DHV (XUD9BSD)	7A, 7C, N3, N5	06.98 - 10.03	160432
306 1.9 TD Break	DHY (XUD9TE)	7E, N3, N5	05.97 - 03.02	160432
306 1.9 TD Hatchback	DHY (XUD9TE)	7A, 7C, N3, N5	05.93 - 04.97	160432
306 1.9 SLD	DJY (XUD9A), DJZ (XUD9Y)	7B, N3, N5	06.94 - 08.98	160436
306 1.9 SLD	DJY (XUD9A)	7B, N3, N5	07.95 -	160434
306 1.9 SRDT	DHY (XUD9TE)	7B, N3, N5	06.94 - 04.97	160432
306 2.0 HDi, Break, Hatchback	RHY (DW10TD)	7A, 7B, 7C, 7E, N3, N5	06.99 -	160453
309 1.8 Diesel	161A (XUD7)		07.89 - 12.93	160424
309 1.9 Diesel	162 (XUD9), D9A (XUD9), DJZ (XUD9Y)		07.89 - 12.93	W/o post heating 160424
405 1.8 TD, Break	A8A (XUD7TE), AJZ (XUD7TEY)		03.88 - 12.92	160424
405 1.9 Diesel	DJY (XUD9A)		06.94 - 10.95	W/o post heating 160424
405 1.9 Diesel	DJZ (XUD9Y)		07.94 - 10.95	160436
405 1.9 Diesel, Break	D9B (XUD9A)		03.88 - 01.92	160424
405 1.9 Diesel, Break	DJZ (XUD9Y)		07.88 - 09.92	160432
405 1.9 Diesel, Break	DJY (XUD9A)		06.92 - 04.97	160434
405 1.9 Diesel Break	DJY (XUD9A)		06.94 - 10.96	W/ post heating 160436
405 1.9 Diesel Break	DJZ (XUD9Y)		07.94 - 10.96	160436
405 1.9 Diesel Break	DJY (XUD9A)		07.98 -	160434
405 1.9 TD	DHY (XUD9TE)		08.92 - 10.95	160432
405 1.9 TD Break	DHY (XUD9TE)		08.92 - 10.96	160432
406 1.9 Diesel Break	DHW (XUD9SD)	8E/F	10.96 -	160453
406 1.9 TD, Break	DHY (XUD9TE), DHX (XUD9TE)8B, 8E/F		01.96 - 03.99	160453
406 2.0 HDi, Break	RHZ (DW10ATED)	8B, 8E/F	02.99 - 03.99	160453
406 2.0 HDi, Break	RHY (DW10TD)	8B, 8E/F	02.99 - 05.04	160453
406 2.0 HDi 110 FAP Break	RHS (DW10ATED4)	8E/F	08.01 -	160453
406 2.1 TD 12V, Break	P8C (XUD11BTE)	8B, 8E/F	01.96 - 03.99	160432
505 2.5	152B (XD3TE)		10.86 - 12.93	160432
505 2.5 Diesel	155 (XD3)		06.81 - 12.93	160424
				W/o post heating

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

Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
PEUGEOT <i>continued</i>				
505 2.5 Diesel	155 (XD3)		10.81 - 11.90	160424
505 2.5 Diesel Break	155 (XD3)		08.83 - 01.92	W/o post heating 160424
505 2.5 TD	152A (XD3T)		10.83 - 01.92	W/o post heating 160424
505 2.5 TD Break	152B (XD3TE)		10.86 - 12.93	160432
				W/o post heating
605 2.1 Diesel	P9A (XUD11A)		06.89 - 07.95	160424
605 2.1 TD	PHZ (XUD11ATE)		06.89 - 09.99	W/o post heating 160424
605 2.1 TD 12V	P8C (XUD11BTE)		08.94 - 08.98	W/o post heating 160424
				W/o post heating
806 1.9 TD	DHY (XUD9TE)		05.97 - 08.02	160432
806 2.1 TD	P8C (XUD11BTE)		06.96 - 08.99	160432
RENAULT				
Clio 1.9 Diesel	F8Q630	SB0E	09.94 -	160451
Clio 1.9 Diesel	F8Q730	B,C,S576,57S	09.94 - 09.98	160451
Clio 1.9 Diesel	F9Q734	B,C 57	01.97 - 09.98	160451
Clio 1.9 Diesel	F8Q630	B/CB0E	09.98 -	160451
Espace 2.1 TD	J8S774	J,S115	10.84 - 12.90	160425
Espace 2.1 TD	J8S240	J,S115	10.84 - 12.90	160425
				W/o post heating
Espace 2.1 TD	J8S610, J8S772, J8S776, J8S778	J634,J,S635	04.91 - 07.93	160425
				W/o post heating
Laguna 2.2 Diesel	G8T706, G8T752, G8T790, G8T794	B56F	09.94 - 03.01	160439
Laguna 2.2 Diesel Grandtour	G8T706, G8T752, G8T790, G8T794	K56	09.95 - 03.01	160439
Master 28-35 I 2.1 Diesel	J8S330	T.	01.86 - 07.98	160425
				W/o post heating
Master 28-35 I 2.4 Diesel	S8U731, Sofim-8140.61.2300	T.	08.80 - 08.89	160425
Master 28-35 I 2.5 Diesel	S8U731, Sofim-8140.61.2300	P.	09.80 - 07.98	160425
				W/o post heating
Master 28-35 I 2.5 Diesel	S8U742, Sofim-8140.67.2510	T.	08.89 - 07.98	160425
				W/o post heating
Master 28-35 I 2.5 Diesel	S8U742, Sofim-8140.67.2510	T.	08.89 - 07.98	160432
Megane 1.9 Diesel Classic	F8Q620, F8Q624	LA0A,LA0U	09.96 -	160452
Megane 1.9 Diesel Eco	F8Q620, F8Q624	B/SA0U,BA0A	01.96 -	160452
Megane 1.9 Diesel Scenic	F8Q788		03.97 - 09.99	160452
R19 1.9 Diesel	F8Q706, F8Q742	B,C535J,534	03.91 - 04.92	160438
R19 1.9 Diesel	F8Q742	B/C53	04.92 - 12.95	160438
R19 1.9 Diesel Chamade	F8Q706, F8Q742	534	03.91 - 04.92	160438
R19 1.9 Diesel Chamade	F8Q742	L53	04.92 - 12.95	160438
R19 1.9 TD Chamade		L53K	09.90 - 04.92	160440
R21 2.1 Diesel	J8S704	L480,486	03.86 - 12.89	160425
				W/o post heating
R21 2.1 Diesel	J8S600, J8S740	L48V,B480,B48V	05.89 - 06.94	160425
				W/o post heating
R21 2.1 Diesel Nevada	J8S704	K,S486	10.86 - 09.90	160425
				W/o post heating
R21 2.1 Diesel Nevada	J8S600, J8S740	K,S48V,480	08.89 - 12.92	160425
				W/o post heating
R21 2.1 Diesel 4x4 Nevada	J8S704	K486	10.88 - 05.92	160425
				W/o post heating
R21 2.1 TD, Nevada	J8S714, J8S786, J8S788		03.86 - 06.94	160425
				W/o post heating
R25 2.1 Diesel	J8S736	B296	06.89 - 12.92	160424
				W/o post heating
R25 2.1 TD	J8S708, J8S738	B29W,B290	04.84 - 12.92	160424
Rapid 1.9 Diesel	F8Q640, F8Q682	F40R	09.94 - 03.98	160451

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Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
Trafic 1.9 Diesel	F8Q606	TXW	00.81 -	160425 W/o post heating
Trafic 2.1 Diesel	852720	PXX	05.89 - 06.94	160425 W/o post heating
Trafic 2.1 Diesel	J8S620, J8S758	PXX	06.94 - 10.97	160425 W/o post heating
Trafic 2.5 Diesel	S8U750, S8U752, S8U758		05.89 - 03.01	160425 W/o post heating
Trafic 2.5 Diesel	Sofim-8140.67.2500, Sofim-8140.67.2550, Sofim-8140.67.2580		05.89 - 03.01	160425 W/o post heating
Trafic 2.5 Diesel	S8U752, S8U758		05.89 - 03.01	160425 W/o post heating
ROVER				
Montego 2.0 TD, Estate	BB		10.88 - 12.93	160430
218 1.8 Diesel	XUD7TE		10.92 - 10.95	160432
418 1.8 Diesel	XUD7TE		09.91 - 04.95	160432
418 1.8 Diesel Tourer	XUD7TE		09.93 - 02.96	160432
SEAT				
Alhambra 1.9 TDi	1Z		04.96 - For engines w/ electronic diesel control (EDC)	160460
Arosa 1.7 SDi	AKU		08.97 - For engines w/ electronic diesel control (EDC)	160460
Cordoba 1.9 Diesel	1Y		02.93 - 08.96	160459 VWD type
Cordoba 1.9 Diesel	1Y		09.93 - 08.96	160421 W/o post heating
Ibiza 1.9 Diesel	1Y		04.93 - 07.93	160421
Ibiza 1.9 Diesel	1Y		04.93 - 08.96	160459 VWD type
Malaga 1.7 Diesel	022A.5000		05.85 - 12.93	160424 W/o post heating
Malaga 1.7 Diesel	022A.5000		05.85 - 12.93	160427 W/ post heating
Toledo 1.9 Diesel	1Y	1I	05.91 - 10.98	160421 W/o post heating
Toledo 1.9 Diesel	1Y	1I	05.91 - 03.99	160459 VWD type
Toledo 1.9 TDi	AGR, ALH	1M..	04.99 - For engines w/ electronic diesel control (EDC)	160460
SKODA				
Octavia 1.9 TDi, Stationcar	AGR, ALH	1U2	09.96 - For engines w/ electronic diesel control (EDC)	160460
SSANGYONG				
Musso 2.3 Diesel 4WD	MB-OM661, MB-OM601.940	FJ	10.95 -	160449
VAUXHALL				
Astra 1.7 Diesel	17D		03.92 - 09.92	160416 W/o post heating
Astra 1.7 Diesel	17DR		07.92 - 09.98	160419
Astra 1.7 Diesel Hatchback	17DR		01.89 - 08.91	160416
Astra 1.7 Diesel Hatchback	17D		01.90 - 12.90	160416 W/o post heating
Astra 1.7 Diesel Hatchback, Stationcar	17DR		03.91 - 12.94	160419
Astra 1.7 Diesel Hatchback, Stationcar	17D		12.91 - 01.94	160416 W/o post heating
Astra 1.7 Diesel Stationcar	17D		02.89 - 08.91	160416
Astra 1.7 Diesel Stationcar	17D		12.91 - 01.94	160419 W/ post heating

Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
VAUXHALL continued				
Belmont 1.6 Diesel	16DA		09.85 - 01.89	160416
Belmont 1.7 Diesel	17D		01.89 - 12.91	160416
Carlton 2.3 Diesel, Stationcar	23YD		09.86 - 01.94	160416 W/o post heating
Carlton 2.3 Diesel, Stationcar	23YD		09.86 - 03.94	160419 W/ post heating
Carlton 2.3 TD Intercooler, Stationcar	23DTR		03.92 - 01.94	160416 W/o post heating
Cavalier 1.7 Diesel, Hatchback	17D		09.88 - 01.92	160416 W/o post heating
Cavalier 1.7 Diesel, Hatchback	17D		09.88 - 01.92	160419 W/ post heating
Frontera 2.3 TD 4WD Long	23DTR		03.92 - 01.95	160416 W/o post heating
Frontera 2.3 TD 4WD Long	23DTR		03.92 - 10.98	160419 W/ post heating
VOLVO				
V40 1.9 TD Stationcar	D4192T		07.95 - 08.99	160461
240 2.4 Diesel	D24		08.87 - 08.93	160458
240 2.4 Diesel Stationcar	D24	P245	01.85 - 08.93	160458
740 2.4 TD	D24T	744	01.85 - 07.92	160458
740 2.4 TD Stationcar	D24T	745	09.85 - 07.92	160458
740 2.4 TD Intercooler Stationcar	D24TIC	745	08.86 - 07.88	160458
760 2.4 TD	D24T	704,764	01.85 - 07.92	160458
760 2.4 TD Intercooler, Stationcar	D24TIC	704,764	08.87 - 07.92	160458
940 2.4 Diesel	D24	944	08.90 - 07.92	160458
940 2.4 TD	D24T	944	08.90 - 08.93	160458
940 2.4 TD Intercooler	D24TIC	944, 945	08.90 - 12.98	160458
940 2.4 TD Stationcar	D24T	945	08.90 - 07.94	160458
960 2.4 TD Intercooler, Stationcar	D24TIC	944,964,965	09.91 - 07.94	160458
VW				
Beetle 1.9 TDi	ALH		01.98 - 02.01	160460
			For engines w/ electronic diesel control (EDC)	
Bora 1.9 TDi	AGR, ALH		10.98 - 06.01	160460
			For engines w/ electronic diesel control (EDC)	
Caddy I 1.6 Diesel	JK		08.82 - 07.90	160421
Caddy I 1.6 Diesel	ME		08.87 - 07.92	160420
Golf I 1.6 Diesel	CR, JK		08.80 - 07.83	160422
Golf II 1.6 Diesel	ME		08.83 - 10.91	160420
Golf II 1.6 TD	1V, MF		08.89 - 10.91	160420
Golf II 1.6 TD	RA		04.89 - 10.91	160421 W/ post heating (3 min.)
Golf III 1.9 Diesel, Variant	1Y	1H..	11.91 - 08.97	160421 W/ post heating (3 min.)
Golf III 1.9 Diesel	1Y	1H..	11.91 - 08.97	160459 VWD type
Golf III 1.9 Diesel	1Y	1H..	11.91 - 08.97	160460 For engines w/ electronic diesel control (EDC)
Golf III 1.9 TD GTD	AAZ	1H..	11.91 - 08.97	160459 VWD type
Golf III 1.9 TD GTD	AAZ	1H..	11.91 - 08.97	160460 For engines w/ electronic diesel control (EDC)
Golf III 1.9 TDI	1Z, AHU	1H..	09.93 - 08.97	160421 W/ post heating (3 min.)
Golf III 1.9 TDI	AFN		04.96 - 08.97	160421
Golf IV 1.9 TDI	AGR, ALH	1J..	08.97 - 06.01	160460 For engines w/ electronic diesel control (EDC)



Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
Jetta I 1.6 Diesel	CR, JK		08.80 - 12.83	160422
Jetta II 1.6 TD	JR		01.84 - 10.91	160421
			W/ post heating (3 min.)	
Jetta II 1.6 TD	RA, SB		04.89 - 10.91	160421
			W/ post heating (3 min.)	
Jetta II 1.6 TD	1V		01.90 - 10.91	160420
Jetta II 1.6 Diesel	ME		01.84 - 10.91	160420
LT 28-35 2.4 Diesel	CP, DW		12.82 - 07.92	160420
LT 28-35 2.4 TD	DV		02.86 - 08.92	160420
LT 28-35 I 2.4 Diesel	CP, DW		12.82 - 07.92	160420
LT 28-35 I 2.4 TD	DV		12.82 - 07.89	160421
			W/ post heating (3 min.)	
LT 28-35 I 2.4 TD	DV		12.82 - 08.92	160420
LT 40-55 I 2.4 Diesel	CP, DW		01.79 - 12.91	160420
LT 40-55 I 2.4 TD	DV		12.82 - 08.92	160420
Lupo 1.7 SDi	AKU		09.98 -	160460
			For engines w/ electronic diesel control (EDC)	
Passat 1.6	RA		05.86 - 03.88	160420
Passat 1.6 Diesel	CR, JK		08.80 - 03.88	160421
Passat 1.6 Diesel Variant	CR, JK		08.80 - 03.88	160420
Passat 1.6 TD, Variant	CY		04.82 - 03.88	160420
Passat 1.6 TD	CY		01.85 - 03.88	160420
Passat 1.6 TD	RA, SB		08.88 - 09.93	160420
Passat 1.6 TD Variant	SB	3A5, 35	08.88 - 09.93	160420
Passat 1.9 Diesel, Variant	1Y		05.89 - 10.93	160420
Passat 1.9 TD	AAZ		03.91 - 08.96	160459
			VWD type	
Passat 1.9 TD, Variant	AAZ		03.91 - 08.97	160421
			W/ post heating (3 min.)	
Passat 1.9 TDi	1Z		10.93 - 08.96	160460
			For engines w/ electronic diesel control (EDC)	
Passat 1.9 TDi	AHU		10.93 - 08.96	160460
			For engines w/ electronic diesel control (EDC)	
Polo 1.3 Diesel, Coupe, Classic	MN		08.86 - 07.90	160420
Polo 1.9 Diesel	AEF, AGD		10.94 - 10.99	160459
Polo 1.9 Diesel	AEF, AGD		10.94 - 10.99	160460
			For engines w/ electronic diesel control (EDC)	
Sharan 1.9 TDi	1Z		09.95 -	160460
			For engines w/ electronic diesel control (EDC)	
Transporter III 1.6 Diesel	CS		01.81 - 07.87	160420
Transporter III 1.6 TD	JX		08.84 - 07.92	160420
Transporter III 1.6 TD Syncro	JX		03.86 - 07.92	160420
Transporter III 1.7 Diesel	KY		10.86 - 07.92	160420
Transporter III 1.7 Diesel	KY		07.89 - 07.92	160420
Transporter IV 1.9 Diesel	1X		07.90 -	160459
			VWD type	
Transporter IV 1.9 Diesel	1X		09.90 - 03.92	160420
			Chas. 70..N..100000	
Transporter IV 2.4 Diesel	AAB		09.90 - 03.92	160420
			Chas. 70..N..100000	
Transporter IV 2.4 Diesel Syncro	AAB		11.92 - 09.98	160421
Transporter IV 2.5 TDi	ACV		09.95 -	160460
			For engines w/ electronic diesel control (EDC)	
Transporter IV 2.5 TDi Syncro	ACV		01.96 -	160460
			For engines w/ electronic diesel control (EDC)	
Transporter V 2.4 Diesel	AJA		08.97 - 06.03	160421
Vento I 1.9 Diesel	1Y		1H. 11.91 - 09.98	160460
			For engines w/ electronic diesel control (EDC)	
Vento I 1.9 TD	AAZ		1H. 11.91 - 09.98	160459
			VWD type	

Glow Plug Controllers

Model	Eng.	Type	Date	Cargo
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CROSS- REFERENCE LISTS

PART 6 6th Edition



ISO/TS 16949:2002 certified supplier

Diesel Parts

AC	Cargo										
101G	100537	7971023	090009	XD79	RT2139	1941/5	090010				
103G	100538	7971028	090009	XD80	RT3119	1942/1	090011				
104G	100539	7971038	090002	XD81	RT2066	1943/1	090123				
105G	100596	7971040	090006			1947/5	090187				
461-110	090003	7971043	090184	ACE	Cargo	1947/6	090187				
461-115	090001	7971072	090004	SA-2423	200726	1949/6	090188				
461-131	090174	7971073	090004	SA-2423	200760	1960/5	090155				
461-132	090174	7971116	090175	SA-2424	200726	1961/7	090012				
461-133	090174	7971135	090185	SA-2622	200027	1962/5	090178				
461-135	090174	7971160	090009	SA-6802	200654	1971/5	090189				
461-138	090183	7971183	090005	SA-9409	200652	1973	090190				
461-164	090009	7971233	090006			2522/5	090010				
461-165	090002	7971235	090005	AEC	Cargo	2567	090007				
461-167	090006	7971262	090176	781113	090174	2621	090180				
461-168	090184	7971274	090156	Agri	Cargo	2641/1	090191				
461-170	090004	7971399	090190	029850	080390	2658	090197				
461-171	090004	7990114	090007	181902985	080390	2659	090130				
461-175	090175	7990268	090007	60079	100511	2660	090156				
461-179	090005	7990271	090184			2665	090151				
461-184	090006	7990347	090010	Alfa Romeo	Cargo	2669	090182				
461-193	090176	7990361	090009	006052273000	090186	2670/1	090314				
461-217	090190	7990439	090185	068127177	RT2058	2682	090142				
461-220	090005	7990440	090185	1030000003000	RT2058	2686	090201				
461-251	090007	7990449	090190	105640406001	AS301	2688	090253				
461-261	090190	93151005	090011	1060000003000	RT2058	2689	090254				
461-264	090007	93151022	090010	1167601455	080231	2697	090143				
461-267	090184	93151274	090156	116760403090/65 ..	080696	2703	090178				
461-276	090009	93151295	090007	116760403090/83 ..	080697	2705	090367				
461-283	090185	93151664	090143	116760403090/96 ..	080697	2710/1	090366				
461-284	090185	93151739	090182	116760469600	RT2058	2719	090337				
461-303	090010	93893064	100580	116760469601	RT2058	2728	090250				
461-310	090011	ACD115	RT3121	116760469602	RT2058	50011006	090227				
461-311	090010	ACD51	AS301	119200456200	100454	52001003	090251				
461-314	090190	ACD519	AS301A	46072001	100511	52001004	090252				
461-333	090362	ACD52	AS308K	46451951	100534						
461-346	090007	ACD54	AS304K	60507208	RT2058	Berlit	Cargo				
461-352	090178	FP-115	090001	60513562	090189	25838009	090202				
461-383	090182	FP-138	090183	60522730	090186	25838030	090075				
461-54	090012	FP-165	090002	60596245	100511	3005810	090076				
461-66	090123	FP-167	090003	60607208	RT2058	3008007	080697				
5082032	090190	FP-170	090004	773592	100511	3008010	080696				
5082037	090185	FP-171	090004	9947995	090215	3008077	080696				
524GG	100580	FP-175	090175	9951033	090215	3020500	090227				
5506099	090123	FP-179	090005			3020501	090016				
5506951	090012	FP-184	090006			3020510	090075				
5507919	090123	FP-251	090007	Allis	Cargo						
71553200	090155	FP-264	090007	4060268	080697	25838030	090202				
71553250	090155	FP-276	090009	4061262	080696	3005810	090076				
7950300	090004	FP-303	090010			Beru	Cargo				
7950308	090003	FP-310	090011	Audi (see VW)		0100100203	100267				
7950427	090003	FP-54	090012	BCD	Cargo	0100100305	100079				
7950432	090183	FP-66	090123	1529/1	090183	0100101308	100079				
7950461	090001	FS1B	RT2004	1533/2A	090005	0100220101	100512				
7950540	090002	GF500	RT2004	1535/2	090004	0100220103	100512				
7950598	090174	TP1228	AS301	1548	090009	0100220113	100250				
7950618	090005	TP1231	RT2438	1647/1	090003	0100220114	100251				
7950729	090009	TP1235	RT2066	1662/7	090013	0100220118	100271				
7950730	090174	TP858	RT2058	1686	090009	0100220119	100271				
7950746	090184	TP961	RT2045	1687/1	090174	0100220206	100086				
7950764	090174	XD138	RT2067	1695/1	090002	0100221101	100263				
7950765	090174	XD142	RT2181	1706/5	090235	0100221102	100511				
7950766	090174	XD159	RT2139	1752/1	090175	0100221103	100511				
7950768	090174	XD25	RT2045	1812	090006	0100221105	100512				
7950771	090183	XD32	RT2030	1822	090184	0100221106	100511				
7950773	090004	XD67	RT2058	1834/1	090174	0100221108	100303				
7950836	090009	XD701	RT2181	1863/1	090176	0100221112	100511				
7950935	090009	XD76	RT2162	1905/5	090001	0100221114	100511				
7950938	090002	XD77	RT2058	1920/5	090186	0100221118	100511				
7971022	090009	XD78	RT2438	1930/5	090177	0100221125	100294				
						0100221128	100511				

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Diesel Parts

0100221132	100303	0100226300	100544	518MJ	100259	892MJ	100254
0100221133	100511	0100226301	100565	550MJ	100250	894MJ	100258
0100221135	100511	0100226312	100591	551MJ	100251	895MJ	100259
0100221141	100284	0100226336	100515	555MJ	100260	897MJ	100270
0100221144	100303	0100226338	100538	557MJ	100257	898MJ	100272
0100221145	100303	0100226344	100533	568MJ	100268	905MJ	100323
0100221146	100303	0100226345	100540	570MJ	100270	909MJ	100511
0100221147	100246	0100226353	100539	571MJ	100271	912MJ	100335
0100221148	100256	0100226362	100536	576MJ	100276	917MJ	100329
0100221149	100253	0100226365	100539	577MJ	100277	918MJ	100303
0100221151	100260	0100226366	100541	580MJ	100280	920MJ	100271
0100221152	100248	0100226368	100596	581MJ	100281	921MJ	100287
0100221154	100261	0100226372	100534	582MJ	100282	927MJ	100330
0100221162	100331	0100226375	100592	583MJ	100283	928MJ	100333
0100221163	100511	0100226379	100537	587MJ	100287	945MJ	100299
0100221167	100511	0100226382	100619	588MJ	100288	946MJ	100292
0100221168	100302	0100226384	100565	591MJ	100291	947MJ	100426
0100221170	100320	0100226385	100561	592MJ	100292	948MJ	100339
0100221186	100245	0100226392	100596	597MJ	100297	950MJ	100436
0100221311	100295	0100226395	100537	601MJ	100511	954MJ	100511
0100221806	100566	0100226397	100538	602MJ	100511	961MJ	100337
0100222101	100258	0100226417	100594	603MJ	100511	964MJ	100530
0100222301	100583	0100226419	100537	604MJ	100303	966MJ	100531
0100222302	100262	0100226422	100595	605MJ	100511	967MJ	100283
0100222304	100262	0100226458	100537	607MJ	100511	968MJ	100291
0100222307	100262	0100226460	100538	609MJ	100511	969MJ	100282
0100226125	100251	0100226461	100539	611MJ	100295	996MJ	100615
0100226128	100332	0100226462	100596	613MJ	100511	997GN	100591
0100226129	100307	0100226475	100283	624MJ	100294	999MJ	100529
0100226134	100512	0100226480	100590	626MJ	100295	GE100	100624
0100226163	100294	0100226481	100619	627MJ	100511	GE101	100625
0100226164	100322	0100226497	100555	631MJ	100303	GF859	100580
0100226171	100306	0100230101	100249	633MJ	100511	GN003	100537
0100226172	100436	0100230102	100252	636MJ	100511	GN005	100515
0100226173	100512	0100231107	100259	642MJ	100511	GN007	100527
0100226175	100327	0100231114	100282	654MJ	100511	GN008	100538
0100226180	100257	0100266004	100625	657MJ	100284	GN010	100539
0100226182	100270	0100266008	100624	661MJ	100303	GN012	100540
0100226183	100272	0100266009	100625	666MJ	100303	GN013	100541
0100226184	100323	0100271101	100614	673MJ	100246	GN015	100596
0100226185	100511	0100271102	100549	678MJ	100256	GN016	100542
0100226186	100511	0100271103	100614	685MJ	100253	GN017	100534
0100226188	100335	0100276004	100593	688MJ	100260	GN019	100592
0100226189	100329	0100276005	100622	689MJ	100248	GN022	100531
0100226190	100303	0101022604	100177	705MJ	100261	GN023	100619
0100226194	100287	0101072405	100580	718MJ	100331	GN024	100536
0100226198	100303	0101072603	100177	719MJ	100545	GN027	100533
0100226199	100333	105MN	100511	725MJ	100436	GN033	100594
0100226203	100561	107MJ	100262	727MJ	100511	GN035	100595
0100226207	100292	108MJ	100262	730MJ	100320	GN042	100590
0100226208	100426	112M	100263	749MJ	100245	GN043	100283
0100226209	100299	124MJ	100262	783MJ	100307	GN045	100622
0100226210	100339	137MJ	100086	798MJ	100332	GN047	100593
0100226227	100436	141MJ	100512	819MJ	100616	GN104	100555
0100226229	100511	151MJ	100511	823MJ	100614	GN858	100331
0100226233	100528	154GS	100177	835MJ	100549	GN898	100587
0100226234	100331	161MJ	100511	844MJ	100322	GN917	100329
0100226235	100327	162MJ	100512	852MJ	100294	GN939	100561
0100226237	100322	171MJ	100262	853MJ	100306	GN955	100528
0100226238	100529	220G	100267	854MJ	100306	GN961	100337
0100226242	100283	348GK	100079	855MJ	100436	GN963	100532
0100226243	100260	382GK	100079	857MJ	100512	GN964	100530
0100226245	100532	502MJ	100245	858MJ	100331	GN967	100283
0100226246	100530	508MJ	100250	860MJ	100327	GN992	100544
0100226248	100531	511MJ	100249	885MJ	100280	GN993	100565
0100226250	100337	512MJ	100252	886MJ	100257	GV107	100583
0100226256	100538	513MJ	100247	887MJ	100249	GV155	100566
0100226260	100537	514MJ	100254	888MJ	100250	GV626	100295
0100226284	100587	515MJ	100258	889MJ	100251	GV657	100284
0100226299	100432	517MJ	100280	890MJ	100252	GV666	100303

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Beru <i>continued</i>		0250201004	100511	0250202073	100277	0433271280	100384
GV823	100614	0250201006	100511	0250202076	100259	0433271292	100395
GV835	100549	0250201008	100511	0250202077	100271	0433271322	100395
GV888	100250	0250201009	100511	0250202079	100430	0433271325	100364
GV889	100251	0250201010	100295	0250202085	100292	0433271336	100379
GV920	100271	0250201011	100511	0250202086	100299	0433271355	100394
GV968	100260	0250201012	100284	0250202087	100426	0433271366	100369
BLMC	Cargo	0250201015	100511	0250202092	100519	0433271376	100375
7H1958	090004	0250201017	100303	0250202093	100306	0433271377	100376
AMK1051	090004	0250201019	100511	0250202094	100246	0433271394	100385
AMK785	090004	0250201021	100511	0250202095	100283	0433271396	100392
BMK943	090004	0250201026	100331	0250202096	100260	0433271403	100365
BMK946	090004	0250201027	100545	0250202097	100431	0433271404	100366
BMW	Cargo	0250201029	100294	0250202102	100538	0433271465	100613
12121286059	100511	0250201031	100322	0250202103	100536	0433271471	100357
12121288161	100511	0250201032	100512	0250202110	100247	0433271478	100362
12232248059	100536	0250201033	100511	0250202119	100280	0433271698	100582
13321332756	RT2045	0250201035	100327	0250202121	100559	0433271774	100356
13322240791	RT2058	0250201037	100332	0250202254	100614	0433271788	100363
13322240798	090215	0250201038	100339	0250312001	100302	0433271816	100374
13322240802	RT2058	0250201039	100511	0250312002	100326	0433271817	100367
13531279105	100451	0250201041	100331	0250312003	100513	0433271835	100370
13532241858	100464	0250201042	100541	0250312007	100510	0433271837	100388
Bomag	Cargo	0250201049	100531	0250402001	100624	0434200001	100340
05716363	090015	0250201050	100322	0257100010	100177	0434250001	100351
05716370	090075	0250201415	100511	0330001015	080177	0434250002	100341
05726030	080390	0250201904	100511	0330001016	080178	0434250009	100345
05726031	080385	0250201905	100512	0330001026	081001	0434250011	100343
05726781	090076	0250202001	100303	0330001043	080994	0434250012	100349
05727558	080692	0250202002	100320	0330101026	090043	0434250027	100353
09331068	080697	0250202003	100246	0330101029	090044	0434250063	100342
09331628	080696	0250202004	100256	0330106017	081002	0434250072	100344
Bosch	Cargo	0250202005	100253	0330106018	081000	0434250077	100346
0250001008	100079	0250202006	100260	0430211048	081060	0434250092	100350
0250001009	100267	0250202008	100245	0433171023	100415	0434250110	100355
0250001012	100079	0250202009	100436	0433171034	100413	0434250114	100450
0250001016	100079	0250202013	100250	0433175048	100603	0434250117	100451
0250001416	100079	0250202014	100251	0433175058	100621	0434250119	100452
0250002009	100267	0250202017	100254	0433175087	100606	0434250120	100347
0250200001	100583	0250202018	100303	0433175110	100605	0434250122	100453
0250200014	100583	0250202020	100335	0433175168	100612	0434250125	100454
0250200020	100583	0250202021	100432	0433175175	100604	0434250127	100455
0250200035	100263	0250202022	100436	0433175176	100611	0434250128	100352
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0250200051	100086	0250202024	100432	0433270099	100379	0434250138	100462
0250200052	100512	0250202025	100323	0433270110	100360	0434250139	100463
0250200053	100284	0250202026	100337	0433270121	100393	0434250148	100464
0250200054	100511	0250202028	100534	0433270146	100361	0434250150	100466
0250200055	100583	0250202029	100537	0433270157	100360	0434250155	100564
0250200056	100511	0250202032	100533	0433271021	100396	0434250159	100471
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0250200060	100511	0250202041	100539	0433271045	100383	0434250897	100626
0250200061	100511	0250202042	100544	0433271046	100378	0434250992	100353
0250200063	100512	0250202043	100594	0433271058	100380	0434250995	100354
0250200065	100511	0250202046	100527	0433271075	100391	0434250997	100349
0250200066	100303	0250202051	100257	0433271086	100381	0434250998	100351
0250200068	100511	0250202052	100283	0433271160	100391	0434619047	081143
0250200069	100511	0250202053	100291	0433271199	100372	0440001006	090227
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0250200451	100086	0250202056	100288	0433271221	100368	0440001073	090227
0250200454	100511	0250202058	100270	0433271231	100371	0440001080	090227
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0250200465	100511	0250202064	100276	0433271258	100387	0440003007	090015
0250200468	100511	0250202069	100252	0433271259	100386	0440003148	090202
0250201001	100511	0250202071	100249	0433271266	100359	0440003176	090202

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0440003177	090015	0440008063	090075	1417010002	090090	1457429680	RT2162
0440003182	090202	0440008066	090017	1417010008	090211	1457429681	RT2170
0440003184	090202	0440008067	090020	1417010010	090038	1457431020	AS308K
0440003185	090015	0440008068	090315	1417010011	090036	1457431021	AS308K
0440003188	090015	0440008071	090019	1417010012	090037	1457431030	AS304K
0440003189	090015	0440008073	090204	1417010013	090039	1457431158	AS304K
0440003190	090015	0440008074	090205	1417010997	090246	1457431159	AS308K
0440003191	090015	0440008077	090075	1417413000	080109	1457431164	AS304K
0440003193	090015	0440008079	090315	1417413012	080113	1457431168	AS304K
0440003195	090015	0440008081	090315	1417413046	080112	1457431705	AS3588
0440003196	090015	0440008089	090198	1417413047	080111	1457431928	AS3599
0440003199	090202	0440008982	090204	1417413049	080110	1457434000	090076
0440003203	090015	0440008989	090205	1420026000	081103	1457434002	090144
0440003204	090015	0440011007	080793	1420100651	080299	1457434050	RT2045
0440003212	090202	0450126009	090166	1420100653	080300	1457434051	RT2030
0440003220	090015	0450126009L	090167	1420113000	080537	1457434052	RT2058
0440003221	090015	0450126957	090167	1420283001	080077	1457434053	RT2058
0440003223	090202	0450904003	RT2003	1420301002	080075	1457434056	RT2058
0440003230	090015	0450904060	RT2003	1420301006	080076	1457434057	RT2045
0440003233	090202	0450904077	RT2004	1420322028	090196	1457434058	RT2058
0440003236	090015	0450904850	RT2003	1420328034	080533	1457434061	RT2058
0440003238	090015	0450906101	RT2066	1420500005	080722	1457434062	RT2045
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0440004033	090016	0450906373	SP7034	1421036013	080618	1457434093	RT2058
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0440004058	090016	0986611758	090274	1422003008	080536	1457434101	RT2058
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0440004068	090016	1410101610	080105	1422013044	080087	1457434105	RT2058
0440007003	090023	1410101618	080106	1423002080	080072	1457434106	RT2058
0440007008	090023	1410101620	080107	1423002084	080073	1457434107	RT2058
0440007009	090023	1410107005	080032	1423061003	080074	1457434108	RT2162
0440007011	090023	1410136005	080600	1423450017	080928	1457434110	RT2058
0440007013	090023	1410136007	080599	1423450056	080927	1457434111	RT2058
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0440008011	090022	1410501070	080039	1427133093	090365	1457434183	RT2045
0440008018	090075	1410501072	080390	1427133094	090164	1457434205	RT2160
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0440008029	090020	1410900012	140795	1428194031	090195	1460015300	080099
0440008031	090075	1410900014	080587	1450410011	080293	1460105306	080697
0440008032	090017	1410900015	080587	1450522000	090073	1460206303	080098
0440008034	090020	1410900016	140874	1450905106	RT2058	1460210008	080420
0440008037	090020	1411015076	090263	1457001003	081125	1460280301	080948
0440008043	090021	1411038030	080100	1457001010	081126	1460283301	080095
0440008045	090020	1411038031	080100	1457413010	080250	1460283302	080097
0440008046	090017	1411038032	080102	1457413012	080108	1460283307	080097
0440008048	090018	1411038034	080104	1457413013	080108	1460283310	080095
0440008049	090019	1411073000	080578	1457429291	RT3119	1460283311	080097
0440008051	090075	1411073003	080578	1457429354	AS308KA	1460324315	080161
0440008054	090020	1413453020	080040	1457429359	AS304KA	1460324316	080162
0440008059	090019	1413453025	080037	1457429677	RT2170	1460324331	080163
0440008062	090017	1417010001	090040	1457429679	RT2045	1460324332	080164

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1460324333	080165	1463161545	080134	1463161780	080139	1463305305	081051
1460324337	080232	1463161559	080144	1463161782	080148	1463370319	080825
1460326027	080850	1463161562	080143	1463161787	080158	1463456303	080114
1460342311	081052	1463161568	080684	1463161788	080685	1463461302	080174
1460400004	080171	1463161570	080142	1463161789	080149	1463461303	080174
1460400014	080172	1463161571	080146	1463161790	080154	1463461304	080174
1460400310	081133	1463161572	080146	1463161791	080146	1463461306	080174
1460400313	081134	1463161581	080142	1463161793	080159	1463461311	080174
1460400314	081135	1463161592	080135	1463161794	080139	1463461314	080174
1461015300	080099	1463161596	080755	1463161796	080159	1463461319	080174
1461038319	081037	1463161597	080154	1463161797	080157	1464651007	080674
1461074325	081038	1463161600	080143	1463161799	080157	1464651008	080175
1461074328	081038	1463161602	080141	1463161807	080979	1464651383	080176
1461161314	080174	1463161603	080144	1463161809	080150	1465530826	080950
1463123527	081054	1463161606	080142	1463161810	080159	1465530857	080950
1463161304	080115	1463161607	080142	1463161815	080139	1466122009	080980
1463161308	080116	1463161612	080146	1463161816	080159	1467010036	080827
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2417010003	090029	2430101072	080522	2433314044	080358	4030720059	080182
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2417413013	080690	2430101182	080470	2433314187	080362	9430037237	100400
2417413060	080250	2430101187	080472	2433349110	080363	9430084247	100620
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2420415001	080183	2430101197	080476	2433349155	080993	9430613169	100586
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2421321009	080619	2430101207	080480	2433349225	080368	9431610057	080353
2422120051	080592	2430101212	080482	2433349236	080993	9431610156	080389
2422120052	080081	2430101217	080485	2433456020	080575	9431610274	080688
2422120058	080083	2430105009	080691	2433456034	080575	9431610276	080736
2422120064	080082	2430105012	080387	2433458102	080365	9431610282	080734
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2430100040	080670	2430105046	080427	2433458131	080234	9432610002	100345
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2430101047	080512	2433124288	081110	2911202703	080255	9491143304	080240
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2430101052	080514	2433124306	081065	2916710601	080006	DLL140S610	100360
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2430101067	080520	2433314034	080357	3337213001	080177	DLLA140S563	100359
2430101070	080521	2433314042	080356	3410190500	080604	DLLA140S976	100363

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DLLA141S662	100364	DN12SD12	100353	FP/KE22AD244/2	090015	5393-252U	080821
DLLA142S1266	100620	DN12SD1750	100452	FP/KE22AD246/2	090202	5621-208	100381
DLLA142S791	100365	DN4S1	100340	FP/KE22AD247/2	090015	5621-251	100360
DLLA142S792	100366	DN4SD24	100354	FP/KE22AD247/2H ..	090015	5621-628	100392
DLLA144S485	100368	DN4SDHB62	100397	FP/KE22AD249/2	090202	5621-669	100360
DLLA144S747	100369	DN4SDHB90	100398	FP/KE22AD252/2	090015	5621-682	100383
DLLA144S842	100370	DSLAI34P772	100602	FP/KE22AD252/4	090015	5621-686	100393
DLLA144S889	100367	DSLAI45P300	100603	FP/KE22AD265/2	090202	5621-702	100364
DLLA145S1169	100582	DSLAI45P763	100604	FP/KE22AD278/2	090015	5621-714	100381
DLLA145S448	100372	DSLAI48P591	100605	FP/KE22AD279/2	090015	5621-724	100378
DLLA145S507	100371	DSLAI50P357	100621	FP/KE22AD281/2H ..	090015	5621-866	100368
DLLA145S770	100373	DSLAI50P502	100606	FP/KE22AD283/2	090202	5621-867	100378
DLLA146S890	100374	F00HN37070	090330	FP/KE22AD285/2	090015	5621-879	100395
DLLA149S774	100375	F00R0P0925	081137	FP/KE22AD286/2	090202	5621-880	100382
DLLA149S775	100376	F00R0P1110	081138	FP/KE22AD288/2	090202	5621-914	100380
DLLA150P33	100413	F00R0P1249	081136	FP/KE22AD293/4	090015	5621-919	100387
DLLA150S178	100382	F00R0P1747	081137	FP/KE22AD294/2	090202	5621-920	100384
DLLA150S186	100383	F00R0P1787	081139	FP/KE22AD297/2	090202	5621-921	100375
DLLA150S187	100378	F00R0P1790	081139	FP/KE22AD301/2	090202	5621-927	100376
DLLA150S204	100380	F00VC17503	081115	FP/KE22AD305	090015	5628-958	100358
DLLA150S269	100381	FP/K22BC135	090227	FP/KG24M150	090125	5628-959	100356
DLLA150S527	100377	FP/K22BC235/2	090227	FP/KS22AD15	090016	5628-965	100385
DLLA150S548	100387	FP/K22BC269/3	090227	FP/KS22AD15/3	090016	5628-972	100366
DLLA150S549	100386	FP/K22BC270	090227	FP/KS22AD16	090016	5628-973	100365
DLLA150S582	100384	FP/K22BC47	090227	FP/KS22AD25/4	090016	5628-974	100369
DLLA150S682	100379	FP/K22BC47/2H	090227	FP/KS22AD26/4	090016	5628-987	100362
DLLA150S720	100525	FP/K22M10	090023	FP/KS22AD27/2	090016	5629-908	100357
DLLA150S781	100385	FP/K22M12	090023	FP/KS22AD31/2	090016	5641-015	100351
DLLA150S838	100388	FP/K22M3	090023	FP/KS22AD36/2	090016	5641-02	100342
DLLA150S975	100613	FP/K22M6	090023	FP/KS22AD41/2	090016	5641-020	100342
DLLA154S324N413	100389	FP/K22P22	090020	FP/KS22AD46/2	090016	5641-025	100348
DLLA154S334N419	100390	FP/K22P29	090021	FP/KS22AD53/4	090016	5641-026	100351
DLLA160S787	100392	FP/K22P31	090020	FP/KS22AD6	090016	5641-030	100345
DLLA25S722	100394	FP/K22P34	090017	FP/KS22AD6/2	090016	5641-033	100345
DLLA28S656	100395	FP/K22P36	090020	FP/KS22AD6/3	090016	5641-056	100351
DLLA35S161	100396	FP/K22P39	090020	FP/KS22AD6/4	090016	5641-892	100342
DLLA79S390	100391	FP/K22P44	090021	HB9440030004	090202	5641-894	100343
DN0PDN112	100492	FP/K22P48	090020	HB9440030009	090227	5641-895	100350
DN0PDN113	100572	FP/K22P49	090017	HB9440030010	090202	5641-896	100344
DN0SD126	100341	FP/K22P5	090017	HB9440030013	090202	5641-900	100349
DN0SD1510	100343	FP/K22P51	090018	HB9440030014	090202	5642-001	100340
DN0SD189/	100453	FP/K22P6	090018	HB9440030016	090202	5643-065	100354
DN0SD193	100342	FP/K22P60	090020	KDEP1115	090287	5643-075	100508
DN0SD1930	100350	FP/K22P68	090017			5643-370	100341
DN0SD193NP1	100407	FP/K22P72	090017			5643-371	100341
DN0SD21	100351	FP/K22P77	090020			5643-806	100398
DN0SD211	100345	FP/K22P9	090020			5643-811	100457
DN0SD2110	100349	FP/KD22P12	090075			5643-813	100453
DN0SD220	100344	FP/KD22P13	090022			5643-815	100450
DN0SD230	100346	FP/KD22P20	090075			5643-817	100451
DN0SD240	100355	FP/KD22P24	090022			5643-822	100462
DN0SD256	100450	FP/KD22P33	090075			5643-823	100346
DN0SD259	100451	FP/KD22P52	090019			5643-826	100454
DN0SD261	100347	FP/KD22P521	090019			5643-828	100452
DN0SD263	100454	FP/KD22P57	090075			5643-829	100354
DN0SD264	100455	FP/KD22P78	090019			5643-837	100400
DN0SD265	100352	FP/KD22P8	090075			5643-839	100455
DN0SD269	100457	FP/KD22P80	090075			5643-844	100466
DN0SD273	100462	FP/KD22P81	090075			5836B320	090194
DN0SD274	100463	FP/KE22AD112/2	090202			5855-30	080194
DN0SD286	100464	FP/KE22AD174/2	090015			5855-30A	080201
DN0SD288	100466	FP/KE22AD174/4	090015			5855-30B	080203
DN0SD293	100348	FP/KE22AD190/2	090202			5855-30BB	080202
DN0SD294	100564	FP/KE22AD202/2	090202			5855-30DQ	080197
DN0SD297	100471	FP/KE22AD207/2	090015			5855-30FL	080196
DN0SD299	100608	FP/KE22AD207/4	090015			5855-30FR	080201
DN0SD321	100607	FP/KE22AD223/2	090015			5855-30FZ	080195
DN0SDN187	100490	FP/KE22AD223/4	090015			5855-30GA	080196
DN10PDN130	100573	FP/KE22AD240/2	090015			5855-30GB	080206
						5855-30GC	080200

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5855-30K	080198	7123-345M	081012	7139-949Q	081035	9001-742A	090128
5864-002	090145	7123-345N	081013	7167-620B	080207	9001-742B	090129
5864-003	090146	7123-345T	081014	7167-620A	080595	9001-742G	090141
5936-332C	080352	7123-345U	081015	7167-620B	080595	9002-201	080767
5936-355C	080018	7123-345X	081016	7167-620C	080212	9002-202	080771
6223-001	080071	7123-351A	080038	7167-620D	080212	9002-258C	080772
6223-003	090159	7123-351B	080038	7167-746	080964	9007-497L	080738
6801017	100609	7123-388	080614	7167-746A	080965	9009-041	080207
7008-187	080951	7123-490	080767	7167-976D	081036	9009-049	080207
7008-198C	080378	7123-515A	080971	7169-166	080951	9009-050	080208
7008-443A	080379	7123-527	080596	7169-380	080341	9009-073	080207
7008-443K	080380	7123-549	080775	7169-394	080369	9041-144H	080070
7008-443P	080381	7123-576L	090063	7169-408	080347	9100-178	080186
7008-850	080451	7123-576M	090063	7169-487	080382	9100-191	080213
7019-113	AS304K	7123-691	080968	7169-519A	080739	9100-221H	081107
7019-221	AS304K	7123-724	080985	7169-60	080737	9100-296	090230
7022-180B	080019	7123-724D	080986	7174-127	080819	9100-296A	090231
7022-180C	080020	7123-725A	080987	7174-127A	081105	9100-319	090233
7022-180D	080021	7123-770	080188	7174-274A	080932	9100-320	090234
7022-180E	080022	7123-770A	080191	7174-491	080204	9100-328D	081118
7022-180P	080025	7123-770D	080189	7174-496	080933	9100-474F	090232
7023-99W	080808	7123-770E	080190	7174-828E	080187	9100-560	080969
7031-105	AS308K	7123-770Q	081106	7174-842E	081123	9100-560S	080969
7031-57	AS308K	7123-785A	090229	7174-856	080818	9100-561A	080752
7097-81M	080809	7123-887	090060	7176-398	RT2181	9100-742G	090203
7111-135A	080754	7123-888A	090056	7176-493	RT2170	9100-827F	081121
7111-296	AS301	7123-888C	090059	7176-498	RT2181	9100-898B	081120
7111-312	080810	7123-888D	090057	7176-505	RT3121	9100-976N	081119
7111-353	090320	7123-888E	090059	7180-10W	081019	9102-929N	080824
7111-353AS	090071	7123-888H	090058	7180-19U	081022	9103-009	080774
7111-353BH	090345	7123-930	080771	7180-451	080205	9103-009A	080774
7111-353BR	090346	7123-975	080982	7180-49A	080211	9103-009AN	080774
7111-353BV	090072	7123-980	080776	7180-49B	080211	9103-009N	080774
7111-403	090074	7135-104	081007	7180-49C	080210	9103-287	080947
7111-429	090073	7135-108	081108	7180-49D	080210	9107-401	080817
7111-439	080465	7135-110	090047	7180-550R	081009	9107-501	081008
7111-458	080720	7135-110R	090045	7180-550S	081010	9108-073A	080998
7111-541	090217	7135-111	090046	7180-550U	081011	9108-147C	080942
7111-604	080718	7135-112	090048	7180-559M	081012	9108-152A	081117
7111-680	090158	7135-113	090162	7180-559N	081013	9108-153A	080941
7111-700	080721	7135-114	090053	7180-559T	081014	9108-154B	080940
7111-767	080698	7135-123	090369	7180-559U	081015	9109-109	081131
7111-768	080699	7135-124	090055	7180-593M	081017	9109-13A	090054
7111-775	080700	7135-180	090150	7180-593N	081018	9109-210	090136
7111-796	AS301A	7135-181	090149	7180-613W	081019	9109-220	090137
7111-800	080719	7135-237	090221	7180-650T	081020	9109-230	090138
7111-843	080701	7135-243	080991	7180-655K	081021	9109-240	090139
7111-853	080702	7135-249	081045	7180-668U	081022	9109-25	090061
7111-860	080466	7135-68	090050	7180-722U	081023	9109-262	080929
7111-996	RT3296	7135-72	081043	7180-872A	090057	9109-750V	090294
7123-17	080815	7135-72N	081044	7180-873A	090229	9109-760	090321
7123-18	080983	7135-74H	081094	7181-559X	081016	9145-040D	080209
7123-18A	080984	7139-115	080814	7182-298	080992	9185-900G	080995
7123-19	080773	7139-159A	090350	7182-333A	081124	9185-900H	080996
7123-252A	080848	7139-159B	090351	7182-398	080990	9A384-AA	090159
7123-252B	080848	7139-177K	080849	7182-501L	090363	A24797A	090003
7123-287	080205	7139-223	080815	7182-580A	080757	BDLL124S6857	100356
7123-308E	081024	7139-235N	081018	7182-834	080963	BDLL136S6858	100358
7123-308F	081025	7139-344	090064	7185-900K	080211	BDLL140S6422	100360
7123-308N	081026	7139-344B	090064	7185-900P	080210	BDLL140S6622	100360
7123-309C	081028	7139-540	080816	7185-900T	080212	BDLL140S6644	100361
7123-309D	081029	7139-560A	080675	7185-900W	080595	BDLL140S6655	100364
7123-309E	081030	7139-791	080193	7235-233	090064	BDLL150S6476	100379
7123-309Q	081031	7139-791A	080192	7240-20A	080848	BDLL150S6781CF ..	100576
7123-309AA	081027	7139-791C	080192	7240-20B	080038	BDLL160S6584	100392
7123-325B	080988	7139-791D	080193	7244-125B	090286	BDLLA144S485	100368
7123-339	080167	7139-821	080201	7990-31	081090	BDLLA149S774	100375
7123-340R	081009	7139-940D	081033	9000-507	081100	BDLLA149S775	100376
7123-340S	081010	7139-940E	081032	9001-088	080703	BDLLA150S178	100382
7123-340U	081011	7139-940Q	081034	9001-090A	080070	BDLLA150S186	100383

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

Diesel Parts

CAV continued

BDLLA150S187	100378
BDLLA150S204	100380
BDLLA150S548	100387
BDLLA150S582	100384
BDLLA150S6667	100381
BDLLA28S656	100395
BDN0SD1510	100343
BDN0SD189/	100453
BDN0SD193	100342
BDN0SD1930	100350
BDN0SD21	100351
BDN0SD211	100345
BDN0SD2110	100349
BDN0SD220	100344
BDN0SD256	100450
BDN0SD259	100451
BDN0SD263	100454
BDN0SD269	100457
BDN0SD273	100462
BDN0SD288	100466
BDN0SD293	100348
BDN0SD6478	100341
BDN0SD6577	100346
BDN12SD12	100353
BDN12SD1750	100452
BDN4S1	100340
BDN4SD24	100354
BLL150S6781CF	100576
HPS102	080595
HPS103	080212
HPS105	080998
NW5-43	080734
NW5-43W4	080430
NW5-59	080013
R5641891	100504
R5641904	100507
R5641905	100506
R5641906	100505
R5643091	100509
R5643413	100503
RDN0SDC6577B	100503
RDN0SDC6751	100504
RDN0SDC6751C	100505
RDN0SDC6843C	100506
RDN0SDC6850C	100507
RDN12SDC6849C	100508
RDN12SDC6862D	100509

Champion

Cargo	
CH005/002	100250
CH101	100272
CH102	100251
CH102/002	100251
CH103	100260
CH104	100259
CH110	100245
CH121	100256
CH125	100542
CH137	100511
CH147	100303
CH154/002	100260
CH156	100331
CH159	100511
CH160	100512
CH166	100534
CH172	100529
CH184	100436
CH185	100335
CH190	100544

CH196/002	100565
CH203/002	100536
CH205	100531
CH207/002	100544
CH215/002	100538
CH216/002	100540
CH218	100537
CH219/002	100539
CH32	100263
CH45	100267
CH60	100512
CH63	100555
CH61	100079
CH62	100284
CH63	100511
CH65	100262
CH66	100086
CH68	100511
CH69	100511
CH70	100284
CH77	100548
CH79	100303
CH8	100511
CH80	100549
CH84	100614
CH87	100511
CH88	100511
CH90	100320
CH94	100246
CH95	100257
CH96	100250
CH97	100261
CH98	100253
L111	RT2058
L114	RT2067
L134	RT2066
L138	RT2065
L146	RT2139

Clark

Cargo	
T0701130	100511

Cummins

Cargo	
3490336	090183
3679325	090174
3726067	090185
3729945	090002
4309795	090183
907073	090011
910574	090185
910602	090007
911287	090176

DAF

Cargo	
1228148	080024
1353958	100511

165802	090015
229367	090020
242070	090017
242097	080697
245339	090202
248252	090015
273077	080692
507674	080601
511756	090020
608264	090015
698087	100363
CBU1099	090156

Daihatsu

Cargo	
19850-64010-000	100257
19850-68060-000	100259
19850-87701-000	100257
19850-87702-000	100283
19850-87703-000	100281
19850-97309-000	100256
23233-87309-000	RT2139
23303-87309-000	RT2139

Delphi

Cargo	
12GC	100615
1854060	100600
1854090	100601
1854115	100601
5621828	100576
6350012	090352
HDF518	RTF3297
HDF950	090215
HDS303	100307
HDS397	100595
HDS404	100622
HRD700	100570
HRD701	100569
HRD703	100617
HRD704	100618
LRI700	100570
LRI701	100569

Doowan

Compressor	
916998-1006	100588

Doowon

Cargo	
105007-1130	100572
105007-1210	100574
105007-1300	100573
916998-1007	100575

Elettrostart

Cargo	
ES612AM3TG	090318
ES622AM3TG	090317

Enasa-Sava

Cargo	
808137	090004
808313	090004

Facet

Cargo	
40220	070134

Faun

Cargo	
0796720	090015
0797364	080386
Fendt	
F281.201.710010	090202

Fiat

Cargo	
07161230.....	100353
1160033	AS304K
1160034	AS308K
1160243	RT2045
1168407	AS308K
Fiat	
1289048	AS308K
1309032	080024
1901605	RT2170
1901607	RT2160
1902134	RT2045
1902138	RT2058
1909103	RT2170
1909142	RT2058
1930010	RT2058
2133943	RT2058
42074972	RT2045
42485158.....	080024
42493097	080024
4279493	080393
4393814	100511
4465546	100350
4466608	100452
4474413	100511
4477218	080390
4531680	080598
4552281	100511
4613310	RT2170
4618310	RT2170
4644293	RT2170
46451951	100534
4671001	RT2170
4694322	RT2170
4700487	RT2170
4714294	100511
4729585	100511
4738576	100511
4742848	RT2170
4752281	100284
4753103	RT2058
4754011	100511
4764693	RT2045
4772223	100613
4774412	100511
4780270	RT2160
4780271	RT2160
4781356	100511
4783047	100511
4788503	RT2170
4795601	RT2058
4799060	080530
4802241	100451
4812127	RT2058
4814454	RT2058
4833643	100511
4841294	100511
4849406	100511
4882440	080749
4964322	RT2170
500303569	100540
500316493	100540
5010462	RT2058

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


Diesel Parts

5012582	RT2058	9009404	080697	5010518	AS301	84FF6M090B2A	100303
504678	090076	9186401	080803	5011266	RT2170	84FF6M091BA	100511
5493206	100511	931993277	090075	5014053	RT2045	84FF6MO90B1A	100511
571099	080395	9609896480	RT3119	5023129	100562	84FF6MO90B2A	100511
5950464	100511	9616572480	100511	5024861	RT2066	84FF9M577AC	080697
5951661	RT2058	98452366	100371	510E9350	090005	894F9E527ACA	100570
5951861	100511	98459883	100330	537209	100614	894F9E527AAB	100569
5951879	100511	98462490	100329	561353	080531	89FF6M090AA	100303
5951880	100511	98498630	100330	6063505	100511	89FF6M091AA	100303
5951881	100511	9917923	080205	6075812	100303	904F9350AB	090197
5951882	100511	9917950	080194	6106753	RT2045	910X6M090BA	100511
5973752	100511	9922330	080697	6128929	080427	910X6M090AA	100294
5973753	100511	9928977	090016	6132224	100303	914F9350AA	090197
60808711	080390	9929742	080696	6132244	100303	924F9E527AB	100617
61142392	RT2045	9932279	090017	6132246	100303	924F9E527BB	100618
61142397	RT2045	9933721	080697	6135130	RT2058	924F9E527DB	100623
61144392	RT2045	9936891	RT2058	6135152	080696	92VB9N424BA	100580
61589105	RT2170	9941058	RT2058	6140065	080697	93151848	090197
61617002	100527	9944874	080234	6140095	080397	93BB6M090A2A	100511
61674455	RT2045	9944875	080388	6140787	RT3296	93FF6M090AA	100303
637938	100353	9946359	080777	6141340	100367	94DD6M090AA	100511
649677	100353	9946958	080777	6141342	100374	9549E527DC	100623
68190213	RT2160	9950523	080777	6145373	RT3296	954F9E527AC	100617
7110301	RT2045	9950594	080777	6149716	AS301	954F9E527BC	100618
7110531	090020	9950771	080388	6149717	AS301	957E9350V	090003
716123	100353	9959522	080024	6154593	100511	95DD6M090AA	100527
716230	100353	9959826	090016	6161789	AS301	95VB9N424AA	100580
722023	080697	DLL124S500W	100356	6163811	100303	D8NN9176AA	AS301A
74061644	090020	DLL140S56F	100359	6164913	RT3296	D8NN9350AA	090190
751966	080016	DLL140S64F	100364	6164926	100303	D9NN9E527AA	100576
75204008	090018	DLL145S50F	100372	6176076	RT2066	E2TZ12A342A	100614
75204364	080696	DLL145S54F	100371	6201102	090197	E4TZ12A342A	100614
753177	080696	DLL145S69F	100373	6202100	RT3296	E5TZ12A342A	100549
7553851	100451	DLL150S51F	100377	6748697	100580	E6HZ9365A	RT2045
7563225100(3)	100566	F2VB	100511	6807970	RT2065	E7TZ12A342A	100614
760428	090016	F4VB	100511	683F9350AB	090009	E830277S	080697
7632587	100320	FA5453	AS3588	683F9350AA	090009	E8308395	080427
766335	100353	FU2A	100511	6917393	AS301	E836240S	080696
767104	100372	FU4A	100511	703F9P631AAA	080696	EZD18	100562
767404	100377			7072673	100511	EZD30	100511
767444	100371	Ford	Cargo	7133973	090197	EZD36	100527
7674446	100371	1008792	100531	7159150ABA	RT2058	EZD37	100565
768702	090020	1015734	RTF3297	715F9350ACA	090023	EZD8	100303
769696	090017	1035875	090197	7235770	AS301	F2TZ12A342A	100614
770578	100364	1048421	100617	7255558	RT2065	V94DD6M090AA	100511
770902	100364	1048432	100618	743F9C358AA	090076	V94DX6M090AA	100511
771066	100364	1079401	100565	775F9E527AA	100350	V95DD6M090AA	100527
771333	090015	1096527	100561	77SF9E527A	100341	Fram	Cargo
771405	100373	1148105	100593	785F6M090BA	100511	C11860	AS304K
772051	080696	11502254	RT2030	785F6M090CA	100511	C11860-1	AS304K
77215	100342	11502255	RT2058	786B6M090CA	100511	C11860Z	AS304K
7735920	100511	1502270	090023	78GB6M090CA	100511	C11861-1	AS308K
77359200	100511	1548391	080697	795F6M090BA	100303	C11861Z	AS308K
773812	080377	1576492	100350	795F6M090CA	100303	C11863Z	AS308K
774971	080369	1587444	100511	795F6M090AA	100303	C11909PL	RT3121
79026637	090020	1590417	100303	81806142	080740	C1191	AS301
79038242	080697	1622866	RT2045	81806277	080945	C1191PL	AS301
79045961	080024	1655556	RT2066	81821105	080733	C4161	AS301A
8122111	090015	1690048	100527	81873921	080739	C4891	RT3120
8122186	090076	178460	AS304K	82006984	070134	C4896	RT3296
8821823	RT2170	1806142	080740	826F9E527GA	100374	G5563	RT3119
8827122	RT2160	1813921	080739	826F9E527GAA	100374	P1129	RT2058
8827279	RT2160	1821105	080733	826F9E527AAA	100367	P3522	RT2058
8827287	RT2160	1873921	080739	83BB6M090A1A	100511	P4102	RT2045
8828485	100371	1952464	100306	83BB6M090A2A	100511	P4102L	RT2045
8828488	100377	1M2118B515AA	100527	83EF9F593AA	100346	P4105	RT2170
8828489	100371	256Q6M090AA	100593	844F9N424AA	100580	P413	RT2004
8830319	RT2160	33817114	081122	84AB9F150AA	RT2058	P4138	RT2160
8830819	RT2160	5004780	RT2045	84BB6M090AA	100511	P4159	RT2162
9008563	080696	5004785	AS308K	84FF6M090B1A	100303		

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

Diesel Parts

Fram *continued*

P4173	RT2004	25066421	090003
P4174	RT2003	25066440	090178
P4178	RT2203	5613673	100615
P4178PB	RT2438	5613826	100615
P4183	RT2058	5614220	100614
P4186	RT2030	6439306	RT2058
P4473	RT2045	6439307	RT2058
P4506	RT2030	7984298	AS304K
P4516	RT2030	7984781	AS301A
P4520	RT2181	7984874	RT3121
P4530	RT2438	7984903	RT2030
P4531	RT2203	88900715	100537
P4549	RT2069	88900719	100596
P4549A	RT2069	90166585	RT2181
P4569A	RT3119	90486908	RT2058
P4805	RT2201	93151222	090362
P4836	RT2066	93156288	RT2058
P4922	RT2140	93156619	RT2066
P5138	RT2141	93156943	RT2139
P5173	RT2202	93156997	RT2067
P5328	RT2067	93891769	RT2181
P5661	RT2065	94238757	RT2139
PP4102PL	RT2045	94244456	RT2139
PS4836	RT2066	94248070	RT2139
PS4922	RT2140	94369899	RT2139
PS7149	RT2067	97210818	100555

G.M.

25061460	Cargo	090012
25061494	Cargo	090004
25061495	Cargo	090174
25061501	Cargo	090003
25061505	Cargo	090002
25061512	Cargo	090183
25061520	Cargo	090002
25061521	Cargo	090184
25061524	Cargo	090175
25061526	Cargo	090005
25061529	Cargo	090006
25061530	Cargo	090176
25061542	Cargo	090190
25061557	Cargo	090007
25061567	Cargo	090007
25061574	Cargo	090010
25061584	Cargo	090185
25061585	Cargo	090190
25061593	Cargo	090011
25061616	Cargo	090007
25066019	Cargo	090002
25066223	Cargo	090182
25066373	Cargo	090001
25066374	Cargo	090007
25066378	Cargo	090006
25066380	Cargo	090007
25066381	Cargo	090009
25066382	Cargo	090190
25066383	Cargo	090005
25066386	Cargo	090185
25066388	Cargo	090190
25066393	Cargo	090004
25066397	Cargo	090011
25066399	Cargo	090184
25066401	Cargo	090002
25066404	Cargo	090175
25066407	Cargo	090183
25066408	Cargo	090010
25066409	Cargo	090174
25066418	Cargo	090010
25066419	Cargo	090007

Herth-Buss

J5711025	Cargo
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Hitachi

3062-1231	Cargo
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HKT

B-004	Cargo
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PT

B-006	Cargo
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AS

B-028	Cargo
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AS

B-029	Cargo
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AS

B-031	Cargo
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AS

B-032	Cargo
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AS

B-033	Cargo
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AS

B-037	Cargo
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AS

B-040	Cargo
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AS

B-043	Cargo
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AS

B-044	Cargo
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AS

B-045	Cargo
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AS

B-049	Cargo
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AS

B-053	Cargo
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AS

B-101	Cargo
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AS

B-102	Cargo
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AS

B-105	Cargo
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AS

B-106	Cargo
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AS

B-107	Cargo
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AS

B-114	Cargo
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AS

CP-01	Cargo
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AS

CP-02	Cargo
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AS

CP-03	Cargo
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AS

CP-04	Cargo
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AS

CP-05	Cargo
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AS

CP-06	Cargo
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AS

CP-07	Cargo
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AS

CP-22	Cargo
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AS

CP-50	Cargo
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AS

CP-51	Cargo
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AS

CP-60	Cargo
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AS

CP-70	Cargo
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AS

CP-72	Cargo
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AS

PD-190	Cargo
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AS

PD-191	Cargo
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AS

PD-192	Cargo
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AS

PI-170	Cargo
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AS

PI-42	Cargo
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AS

PI-46	Cargo
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AS

PI-51	Cargo
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AS

PI-55	Cargo
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AS

PI-57	Cargo
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AS

PI-58	Cargo
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Diesel Parts

132062	160421	80110	100253	4740717	090187	12019756	080039
132063	160422	80111	100248	4740719	090188	12028248	090075
132064	160417	80111	100248	4756678	090187	12037942	080692
132065	160418	80112	100247	4757883	090187	12038254	090020
132067	160419	80112	100247	4757884	090188	12152592	090013
132071	160458	80120	100256	4764289	090178	12152597	090016
132072	160461	80120	100256	4792443	100356	12152965	100342
132073	160451	80121	100257	4800030	100358	12154390	080039
132075	160438	80121	100257	4802839	080188	12187781	090075
132076	160439	80122	100257	4844357	090367	12187992	080024
132077	160440	80122	100257	500316048	090367	12188655	090204
132080	160431	80123	100258	500316493	100540	1260045	090155
132081	160432	80123	100258	62190090	090202	1260837	090075
132082	160433	80130	100261	71445067	090315	1260840	090076
132083	160434	80130	100261	752785	090202	1261132	090022
132084	160435	80144	100303	770883	100359	1261834	090075
132085	160436	80144	100303	8092471	090315	1277476	090015
132096	160452			8123255	080121	1287455	100340
133000	070032	Iskra	Cargo	93155544	090204	1287479	090015
133010	070021	11720430	100580	93160510	090204	1287480	090015
133019	070019			98413209	100582	1287481	090015
133020	070078	Isuzu	Cargo	98419724	090180	1287485	090016
		1-15311016-0	100389	9922392	090227	1287489	090016
		5-13240009-1	RT2438	9937723	081005	1287494	090023
		5-13240023-0	RT2438	99485237	090178	1287495	090017
		5-13240032-0	RT2139	9950282	081005	1287496	090022
		5-13240035-0	RT2438	99667360	090204	1290871	080696
		5-15311006-0	100349	9981541	090202	1290872	080697
		5-15311021-0	100342			1300101	100341
		5-19679001-0	080001			Jaguar	Cargo
		8-42198930-0	100342			1309928	080024
		8-87210818-2	100555			1310021	090015
		8-94121431-0	RT2139			1318743	090204
		8-94143479-0	RT2438			John Deere	Cargo
		8-94144613-0	RT2139			1518005	090013
		8-94151010-0	RT2202			AR77914	090123
		8-94151744-0	RT2438			AR92777	090123
		8-94167398-0	RT2139			DE16748	090123
		8-94177327-0	RT2139			FP1700	090123
		8-94221719-3	100245			R48693	080697
		8-94238757-0	RT2139			RE37482	090123
		8-94241449-0	100245			RE37503	100568
		8-94241719-3	100245			RE38009	090130
		8-94248070-0	RT2139			RE58376	SP4066
		8-94255588-0	100245			RE62423	SP4066
		8-94319700-1	100292			RE65431	SP4066
		8-94402303-1	100299			3550549	3366125
		8-94439218-0	100298			4150197	090016
		8-94476623-0	100490			4152901	090013
		8-94481972-0	100426			4157223	090155
		8-94483850-0	RT2139			4157603	090013
		8-94511978-0	100275			01287462-3-5-7	090013
		8-97080554-0	100513			01287472	090227
		8-97143674-1	100591			01287482	090202
		9-15311001-0	100354			01441724410	090016
		9-15311042-0	100345			01521721310	090015
		9-43236140-0	080409			0154170514	4230294
		9-82511978-0	100275			090076	4421527
		100511	Iveco			090012	090204
		100079	Cargo			090016	8122184
		100079	01287474			090017	9001122154
		100511	1173764			090022	100345
		100511	4538013			090027	930217140054
		100303	4609596			090075	99004569
		100303	4648022			090142	9946410
		100294	4660069			090142	D144KV
		100294	4667509			KZ0150-17	090013
		100246	4673618			KZ8947-10	090155
		100246	4709282			UC0150-17	090013
		100253	4709284			090188	080697

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Kia	Cargo	9001/910	RT3119	HDS226	100566	Mag. Marelli	Cargo
OK05418140	100515	9001910	RT3122	HDS227	100263	04799060	080530
OK71018140	100515	9001911	RT3120	HDS229	100294	07029585	100511
OK71018140A	100515	9001912	RT3123	HDS230	100253	410781002300	100362
OK75A18140	100515	910	RT3119	HDS232	100246	410782000100	100355
Komatsu	Cargo	CIM15A	100262	HDS233	100257	410782000300	100347
122-3901-H91	090076	DN0SD310	100626	HDS234	100260	410782000800	100352
6008-15-1340	100280	DS001	100511	HDS235	100258	417720000000	100359
Kubota	Cargo	DS002	100511	HDS237	100282	417745950000	100342
15221-65513	100435	DS003	100511	HDS238	100280	417746000000	100350
15521-65512	100434	DS004	100512	HDS239	100251	417746240000	100353
15951-65512	100433	DS005	100086	HDS240	100252	417746250000	100351
16241-65511	100523	DS006	100511	HDS241	100261	417746260000	100345
16261-65511	100523	DS007	100303	HDS242	100259	417746280000	100344
16604-05230	090333	DS008	100512	HDS243	100247	417746290000	100343
16851-65512	100518	DS010	100262	HDS245	100256	417747190000	100348
19077-65510	100524	DS012	100263	HDS246	100249	417749530000	100358
19844-52031	090333	DS014	100294	HDS247	100245		
MDF44-7	090253	DS015	100253	HDS249	100275		
Kässbohrer	Cargo	DS016	100250	HDS258	100248	BF700X	AS304K
8311999279	100394	DS017	100246	HDS262	100256	BF707	AS304K
8311999449	100349	DS018	100256	HDS266	100284	BF811	AS308K
83119997110	090076	DS019	100260	HDS267	100284	BF900X	AS308K
8311999717	090076	DS020	100258	HDS268	100270	P716	RT3119
8312000388	100368	DS022	100282	HDS270	100272	P78X	RT3121
8312000572	090021	DS023	100280	HDS271	100303	P917X	AS301
8312000801	100369	DS024	100251	HDS272	100286	P945X	AS301A
8312032676	100344	DS025	100252	HDS273	100303	WK1168	RT2170
Lamborghini	Cargo	DS026	100261	HDS276	100287	WK31/4	RT2003
245195200	090016	DS027	100259	HDS280	100254	WK31/5	RT2004
Lancia	Cargo	DS028	100247	HDS283	100271	WK31/8	RT2004
46451951	100534	DS031	100249	HDS297	100331	WK712/2	RT2030
9944874	080234	DS032	100245	HDS302	100298	WK716	RT2162
Leyland	Cargo	DS034	100275	HDS305	100549	WK719	RT2030
12A1259	090005	DS043	100248	HDS306	100548	WK719/5	RT2201
13H3374	090004	DS056	100303	HDS337	100511	WK721	RT2030
13H3375	090004	DS057	100286	HDS338	100299	WK723	RT2045
13H3376	090009	DS058	100303	HDS340	100276	WK814/1	RT2162
831149	090005	DS061	100287	HDS341	100322	WK817X	RT2069
831149A	090005	DS065	100254	HDS342	100511	WK819/3X	RT2069
AJR2609	090174	DS068	100271	HDS343	100512	WK821	RT2181
AJR4083	090006	DS082	100331	HDS345	100292	WK832	RT2181
Liebherr	Cargo	DS082	100614	HDS346	100426	WK842	RT2058
5002716	090021	DS092	100614	HDS347	100294	WK842/12	SP7034
7006472	080692	DS092A	100614	HDS349	100511	WK842/2	RT2058
7360197	090076	DS093	100615	HDS350	100335	WK842/3	RT2066
Lister	Cargo	DS093A	100615	HDS352	100331	WK842/4	RT2067
329-24810	090001	DS095	100616	HDS353	100511	WK845/3	RT2065
329-62200	090001	DS095A	100616	HDS354	100339	WK850/2	RTF3297
351-12150B	090001	DS101	100079	HDS355	100323	WK853/8	090215
Lucas	Cargo	DS102	100267	HDS356	100534	WK930/4	RT2160
514533/2	090003	DS122	100511	HDS357	100320	WK940/6	RT2141
6702505C	081064	DS123	100299	HDS358	100306	WK950/4	RT2170
7019/113	AS304K	DX1A	100511	T1W6A	100086	WP962/3X	RT2160
7019/221	AS304K	HDS217	100511	UX1A	100086		
7031/105	AS308K	HDS218	100511	UX2A	100511		
7031/57	AS308K	HDS219	100512	UX4A	100511		
7111/296	AS301	HDS220	100086	UX5A	100294		
7111/398	RT2181	HDS221	100511	UX7A	100284		
7111/796	AS301A	HDS222	100303	UX8A	100512		
7111/996	RT3296	HDS223	100512	UX9A	100511		
		HDS225	100263	UXA2	100511		
Massey Ferguson	Cargo						
1806978M1						80697	
2868360M1						090016	
2959965M91						090017	
363709M92						090174	
3637286M92						090176	
3637290M92						090007	
3637338M92						090183	
3641308M91						090143	
883770M91						090003	

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886062M91	090006	0001598301	100511	0020176812	100620	MQ901659	100577
Mazda	Cargo	0001599601	100511	0020914901	090021	Motor Iberica	Cargo
1341-36-50	100351	0001599901	100295	0020913101	090016	43/002	090010
1456-23-570A	RT2139	0004700192	AS304K	0020916001	090015	74800008-0	090007
1456-23-570A9A	RT2139	0004770002	090076	0020917201	090020	74800012-0	090010
1E07-18-601	100546	0004773115	AS308K	0020918101	090125	74800019-0	090010
PN11-18-601	100309	0004773215	AS308K	0030910601	090205	994092	090002
PN40-13-TWO	100574	0004773815	AS304K	0030911401	090075	994093	090003
REN1-18-601	100515	0004774215	AS304K	0049971140	080024	994094	090006
RF03-13-650	100342	0004775415	AS304K	009997248	080024	994103	09183
RF1M-18-601	100577	0004775715	AS304K	0120740101	090330	994141	090007
RF2A-18-601	100547	0004776815	AS304K	3444777215	AS304K	994142	090007
RFG1-18-601	100515	0010170112	100385	3460170160	080441	994275	090010
RFR1-18-601	100515	0010171412	100365	3460170260	080442	ST-4A9350	090005
S210-13-640	100585	0010171512	100366	3524700092	AS304KA	Motorcraft	Cargo
S210-13-650	100342	0010172912	100355	3554700092	AS308K	5031006	100511
S210-18-140	100288	0010173012	100362	4030160161	080461	EFG103	RT2069
S501-13-650	100341	0010174912	100352	4030170271	080374	EFG106	RT2181
S501-18-140	100261	0010175612	100362	4220900051	AS308KA	EFG24	AS301A
S501-18-140A	100261	0010910401	090016	4220920005	AS308KA	EFG29	AS304K
WL03-18-601	100520	0010911101	090202	4519970745	081088	EFG297	RT2067
WLO1-18-601	100515	0010911201	090016	6010170060	080736	EFG3	AS301
WLO3-18-601	100515	0010911501	090015	6010170360	080732	EFG30	AS308K
WLY5-18-601	100577	0010911601	090016	6010700146	080113	EFG301	RT2067
Y701-18-601	100513	0010912501	090017	6010900352	RT2069	EFG302	RT2181
Mercedes	Cargo	0010912701	090015	6010920001	RT2069	EFG306	RT2141
0000170112	100353	0010916301	090202	6010920101	RT2069	EFG307	RT2139
0000170212	100340	0010916401	090016	6110170060	081055	EFG308	RT2201
0000171312	100345	0010916701	090020	6110170360	081067	EFG309	RT2140
0000171612	100349	0010917301	090015	6110170460	081068	EFG315	AS301
0000172812	100343	0010917601	090023	6170170260	080392	EFG316	RT2065
0000173012	100383	0010917801	090020	8460170160	080039	EFG318	RT2067
0000173212	100378	0010918401	090021	A3529970540	081128	EFG319	RTF3297
0000173912	100378	0010919501	090075	A6601590001	100596	EFG33	RT2162
0000173916	080993	0010920401	RT2162	Mitsubishi	Cargo	EFG38	RT2004
0000174612	100347	0010920501	RT2162	MB220900	RT2139	EFG39	RT2003
0000174812	100347	0010922201	RT2069	MB433425	RT2202	EFG45	RT3121
0000175512	100391	0010922301	RT2069	MD014997	100272	EFG48	RT2058
0000176012	100368	0010922302	RT2069	MD050212	100246	EFG5	AS301
0000176912	100344	0010922401	RT2069	MD068355	080457	EFG57	RT2058
0000177412	100354	0010923201	RT2162	MD070194	100562	EFG62	RT2170
0000179012	100391	001092401	RT2162	MD070717	080705	EFG64	RT2160
0000702053	090364	0011590001	100331	MD070718	080417	EFG8	RT2030
0000702453	090365	0011591501	100327	MD077167	100562	EFG87	RT3296
0000902650	090125	0011591601	100339	MD092392	100310	EFG9	RT2058
0000903150	090205	0011591701	100331	MD197511	100510	EFG96	RT2066
0000905350	090204	0011592001	100339	MD301950	100519	MWM	Cargo
0000910001	090016	0011592101	100339	MD344469	100557	008379050055	090020
0000916501	090227	0011592201	100332	MD603488	100412	2613603	080696
0000918401	090016	0011592601	100337	MD603660	100412	30215000002	080039
0000918501	090016	0011592701	100539	MD603900	100412	302509900018	090075
0000919401	090016	0011592801	100537	MD620189	100492	30492000002	080692
0000920192	AS304K	0011593501	100511	MD620889	100573	305209900020	090020
0000921505	AS304K	0011593701	100537	ME001017	080676	305209900038	090075
0000921905	AS304K	0011593801	100537	ME001581	100427	305209900039	090020
0000922705	AS304KA	0011594201	100537	ME007649	100428	604920100610	080696
0000927901	090076	0014772101	RT2003	ME01010/12	100297	605200371211	090204
0000929001	RT2162	0014773301	RT2003	ME016527	100349	605202000021	090016
0000929501	RT2162	0014774201	RT2003	ME200970	100563	605202030027	090075
0000980565	080696	0014775301	RT2003	ME201632	100559	605202030028	090015
0001590001	100331	0014775601	RT2003	ME201638	100563	605202030031	090202
0001592501	100079	0014776301	RT2004	ME203539	100558	605202030033	090075
0001592601	100079	0014776401	RT2004	ME203583	100559	605202040002	090023
0001596001	100079	0014776601	RT2004	ME203754	100559	605202040003	090227
0001596101	100079	0014776901	RT2003	ME723113	100586	605202040005	090204
0001597501	100511	0014777901	RT2004	ME741214	080972	60690120014	080039
0001597701	100511	0019979240	080697	MM409510	100521	606901200143	080696
0001598101	100511	0020171812	100626				

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MWM <i>continued</i>							
60690120128	080697	Y-204RS	100250	093400-0500	100341	0943161-0126	080489
905202000021	090016	Y-204TS	100512	093400-0620	100397	0943161-0133	080490
906901200136	080390	Y-204TS-1	100248	093400-0760	100395	0943161-0179	080491
906907259007	080693	Y-204V	100512	093400-0800	100354	0943161-0184	080492
		Y-205RS	100271	093400-0890	100351	0943161-0194	080494
		Y-206T	100511	093400-0900	100398	0943161-0204	080496
New Holland	Cargo	Y-207	100512	093400-0950	100351	0943161-0214	080498
8017114	090318	Y-207TS	100512	093400-1010	100379	0943161-0224	080500
		Y-208T	100511	093400-1020	100361	0943161-0229	080501
NGK	Cargo	Y-403T	100086	093400-1030	100381	0943161-0313	080486
1239	100512	Y-404	100566	093400-1060	100360	096010-0010	090067
1249	100271	Y-503R	100436	093400-1070	100391	096010-0020	090068
1250	100511	Y-55RS	100276	093400-1080	100382	096010-0030	090069
2188	100259	Y-701J	100520	093400-1090	100378	096010-0500	080680
2190	100282	Y-702U	100522	093400-1160	100353	096010-0510	080681
2408	100436	Y-703R	100511	093400-1190	100389	096030-0070	080177
2431	100252	Y-705RS	100271	093400-1220	100351	096030-0080	080178
2643	100329	Y-707RS	100287	093400-1270	100376	096030-0170	080178
2728	100249	Y-709R	100523	093400-1300	100341	096039-0040	080953
2785	100331	Y-710R	100292	093400-1310	100342	096440-0590	090236
3782	100283	Y-711R	100299	093400-1330	100400	096446-0100	080972
4479	100303	Y-711RS	100426	093400-1350	100401	096450-0170	080220
4573	100250	Y-715R	100291	093400-1360	100402	096450-0180	080221
4602	100284	Y-716RS	100524	093400-1400	100349	096460-0132	080222
47221	100562	Y-729	100307	093400-1420	100404	096460-0141	080223
4751	100303	Y733J	100557	093400-1440	100394	142000-0200	100429
5116	100515	Y-755RS	100276	093400-1460	100405	949180-0490	080001
5274	100335	Y-810	100262	093400-1470	100406	DLLA150P22	100415
5376	100260	Y-901R	100511	093400-1830	100346	DLLA150P602	100424
7-207	100512	Y-902R	100511	093400-1850	100348	DLLA150P77	100421
7464	100515	Y-907R	100303	093400-1950	100407	DLLA152P8	100413
7629	100250	Y-908R	100511	093400-2130	100407	DLLA155P28	100416
7825	100280	Y-909R	100284	093400-2140	100408	DLLA155P84	100422
CX-01	100325	Y-910R	100303	093400-2700	100350	DLLA160S295ND147	100406
CY-01	100302	Y-911R	100303	093400-2770	100409	DN0PD20	100414
CY-02	100326	YE01	100518	093400-2820	100452	DN0PD31	100420
CY-03	100513	YE04	100593	093400-2840	100453	DN0PD37	100417
CY-05	100563			093400-2850	100451	DN0PD4	100411
CY-07	100510			093400-2860	100346	DN0SD126B	100341
CY-08	100336	Nippondenso	Cargo	067100-1161	100280	DN0SD193ND1	100407
CZ-01	100324	067100-1170	100256	093400-2910	100490	DN0SDND136	100402
CZ-22	100555	067100-1171	100256	093400-3040	100344	DN0SDND277	100409
Y-103V	100433	067100-1175	100256	093400-3060	100343	DN10PD41	100423
Y-104	100275	067100-1270	100260	093400-3080	100347	DN12SDND214	100408
Y-104R	100245	067100-1330	100270	093400-5010	100410	DN15PD6	100412
Y-106	100434	067100-1340	100282	093400-5020	100410	DN15PD609	100425
Y-106-1	100435	067100-1350	100256	093400-5040	100411	DN15PDN100	100412
Y-106V	100434	067100-1360	100280	093400-5060	100412	DN20PD42	100419
Y-107R	100261	067100-1370	100258	093400-5080	100413	DN4PD1	100410
Y-107T	100286	067100-1430	100257	093400-5200	100414	DN4PD38	100418
Y-110	100581	067100-1460	100259	093400-5220	100415	DN4PD57	100575
Y-112M-1	100251	067100-1500	100277	093400-5280	100416	DN4PD98	100588
Y-112R-1	100254	067100-1530	100257	093400-5310	100420	DN4SDND133	100400
Y-112T	100247	067100-1630	100260	093400-5320	100419	DN4SDND135	100401
Y-114T	100521	067100-1670	100281	093400-5370	100417	DN4SDND142	100404
Y-115R-1	100272	067100-1690	100283	093400-5380	100418	DN4SDND146	100405
Y-115T-1	100246	067100-1700	100431	093400-5410	100423	DN4SDND62	100397
Y-117RS	100253	067100-1710	100291	093400-5420	100419	DN4SDND90	100398
Y-118R	100258	067100-1840	100516	093400-5530	100420	DNOPDN121	100574
Y-118T	100260	067100-1860	100514	093400-5640	100575	DNYSDHB133	100401
Y-118T-1	100260	093245-0040	080351	093400-5770	100421	ND-DN0SD126	100341
Y-128T	100256	093245-0110	080778	093400-5840	100422	ND-DN0SD193	100342
Y-144SS	100268	093245-0140	080457	093400-5880	100423	ND-DN0SD21	100351
Y-146R	100257	093245-0150	080457	093400-6010	100588	ND-DN0SD2110	100349
Y-147T	100270	093400-0011	100354	093400-6020	100424	ND-DN12SD12	100353
Y-162R-1	100252	093400-0060	100351	093400-6090	100425	ND-DN4PDN117	100584
Y-178T	100280	093400-0081	100345	093400-6340	100572	ND-DN4S1	100340
Y-181T	100249	093400-0100	100353	093400-6710	100492	ND-DN4SD24	100354
Y-197R	100259	093400-0200	100340	0943161-0118	080487	ND-DNOSD211ND1	100345
Y-197T	100282	093400-0370	100354	0943161-0123	080488	NP-DN0PDN113	100572

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Diesel Parts

NP-DN0PDN121	100574	16620-50L00	100490	821151	100350	2641728	090007
NP-DN10PDN130	100573	16620-50L25	100490	821204	080444	2641729	090011
Nissan	Cargo	16620-50L85	100490	821627	080421	2641809	090010
11065-0W801	100336	16620-63G00	100574	821701	080394	2641A054	090010
11065-10G00	100271	16620-65N00	100574	821780	080369	2641A055	090007
11065-16A01	100268	16620-90009	100574	82511978	100275	2641A057	090143
11065-16A011	100271	16620-V0701	100342	88900717	100538	2641A063	090006
11065-16A05	100253	16620-V0702	100407	88900718	100539	2641A064	090174
11065-16A15	100253	16620-V0725	100407	90016800	RT2058	2641A065	090183
11065-2W202	100578	16620-W4986	100490	90019495	100086	2641A066	090007
11065-2W211	100578	16620-Y8400	100342	90033357	100086	2641A067	090143
11065-31N00	100306	16625-05E00	080734	90040991	100303	2641A070	090011
11065-31W00	100247	16625-43G00	080424	90051950	100511	2641A071	090007
11065-31W01	100247	16625-V0701	080688	90093867	100511	2641A072	090007
11065-31W02	100247	16625-V0702	080688	90093897	100511	2641A074	090007
11065-34W00	100251	16626-09W00	080388	90140327	080696	2645L301	081061
11065-43G01	100287	16626-0M900	080736	90166155	100511	2645L302	081062
11065-4P400	100579	16626-16A00	080736	90169150	RT2181	2848A275	090225
11065-57J00	100326	16626-43G00	080689	9018201	100544	2848A279	090225
11065-5C900	100326	16635-16A00	080389	90210824	100511	3028666	090254
11065-63G00	100562	16635-J2000	080456	90487858	100511	35273	090002
11065-65N01	100336	16635-J5570	080723	90510924	100511	35275	090003
11065-AP200	100560	31661-11300	100353	90542650	080388	Petters	Cargo
11065-C8600	100276			9161303	AS3588	258862	090003
11065-D9701	100302	NSK		9196669	100594	323939	090001
11065-D9702	100302	R20-11X	080861	9200154	090003	Peugeot	Cargo
11065-G2400	100306	Opel		94221719	100245	156221	080697
11065-G5501	100302	Cargo		94241449	100245	156223	080697
11065-HA300	100577	1214035	100555	94255588	100245	94319700	100292
11065-T3470	100249	1214065	100555	94402303	100299	94439218	100298
11065-T8200	100254	1214300	100583	94440115	100301	94481972	100426
11065-T8201	100252	1214301	100555	97080554	100336	97143674	100591
11065-T8202	100254	1214303	100086	9975216	RT2058	RT2058	RT3119
11065-T8203	100252	1214304	100511	Perkins	Cargo	190633	RT3119
11065-V0700	100248	1214305	100511	12641406	090002	1906-34	RT3120
11065-V0701	100248	1214306	100511	12641317	090006	190635	RT3120
11065-V7202	100325	1214307	100511	185366190	100619	1906-38	RT3122
11065-V7203	100324	1214308	100298	2641309	090006	1906-39	RT2181
11065-W2500	100250	1214309	100299	2641310	090003	190640	RT2181
11065-W2510	100250	1214310	100426	2641311	090006	1906-41	RT2139
11065-W3400	100250	1214311	100292	2641312	090174	190642	RT2181
11065-W3410	100250	1214312	100292	2641317	090006	190653	AS3588
16403-05E01	RT2141	1214316	100513	2641328	090175	194101	080696
16403-09W00	RT2438	1214317	100511	2641333	090176	197805	080696
16403-34W00	RT2201	1214319	100511	2641336	090176	197806	080696
16403-59E00	RT2141	1214427	100527	2641338	090185	198105	080802
16403-J2000	RT2438	1214457	100544	2641345	090183	198122	080961
16403-J2001	RT2438	1214459	100591	2641367	090174	198133	080761
16403-J5500	RT2438	1780229	080696	2641367	090174	198136	080989
16403-Z7000	RT2438	4300425	100301	2641374	090174	198401	100345
16405-00QAA	AS3599	4404191	AS3599	2641375	090174	198408	100346
16405-05E01	RT2141	4501003	AS3588	2641377	090174	198412	100343
16405-34E00	RT2201	5000806336	RT2045	2641378	090174	198424	100450
16405-34W00	RT2201	5000814227	RT2045	2641379	090174	198424	100450
16405-R5500	RT2203	5613680	100549	2641380	090174	198424	100450
16405-R8104	RT2201	7700668711	RT2058	2641381	090174	198424	100450
16405-R8300	RT2201	7700700092	RT2058	2641406	090002	321430650	AS301
16405-RT2201	RT2201	770070092	RT2181	2641469	090005	5414362	RT3121
16405-T6201	RT2201	7701030195	RT2058	2641478	090185	5414362L	RT3121
16405-T9000	RT2201	813560	RT3121	2641704	090010	5414813	100262
16405-V0701	RT2201	813561	AS301	2641706	090010	5468793	100346
16405-Z7000	RT2203	813564	RT2058	2641709	090007	596012	100593
16620-05E25	100407	813565	RT2058	2641713	090007	596019	100593
16620-0F000	100574	813566	RT2181	2641719	090011	596118	100566
16620-16A25	100407	816045	090012	2641720	090011	596139	100511
16620-25000	100345	816071	090012	2641722	090010	596140	100511
16620-37501	100351	818511	RT2139	2641723	090010	596153	100511
16620-43G02	100572	819833	080696	2641725	090007	596154	100511
16620-49W00	100490	821093	081129	2641726	090007	596157	100511

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Peugeot *continued*

596158	100511	7.15252.50	090013	5000788377	100370	516920	AS301
59621P	100530	7.15252.52	090013	5000790570	RT2045	517711	AS301
59621Q	100530	7.15532.00	090155	5000808653	080121	78747	AS301
59622Z	100335	7.15532.50	090155	5000812388	090020	78891	AS301
59623C	100533	7.20546.50	090155	5000813380	090017	78981	AS301
59623E	100533	7.20546.51	090155	5001000957	080024	833544	AS301
59623H	100541	7.20977.50	090012	5001001311	100342	93156634	RT2139
59623J	100541	7.20977.51	090012	5001001587	100511	ABU8550	RT2045
596274	100511	7.21537.00	090337	5100106510	080696	ABU9642	AS301A
59627F	100533			5156173800	080697	ADU9779	RT2058
59627G	100533					ADU9830	100511
5962J2	100511					ERC8450	100511
5962J4	100511					ERR1304	080696
5962J5	100511					ETC7869	090182
5962J6	100511					ETC8847	100307
5962K5	100511						
5962R8	100511						
5962S8	100511						
5962T1	100511						
5962T3	100511						
5962T7	100511						
5962W2	100335						
5962W3	100335						
5962W8	100511						
5962X1	100511						
7563225100	100566	0003008007	080697	7701006410	090016	0703314200	080697
7932564528	100511	0003008008	080697	7701010100	AS301	5000242265	090015
7932565492	100566	0003008010	080696	7701011757	090015	5121017024	090202
7932567717	100511	0003008077	080696	7701015768	100511	855454800	080696
7932567718	100511	0003020500	090227	7701017322	RT2045		
91507718	100511	0003020501	090016	7701026846	080696		
9150771880	100511	0003020504	090015	7701028181	AS301A		
9150861080	100511	0003020510	090075	7701029762	100511	103500	080607
91521849	100511	0008549757	RT3121	7701030199	100453	1123841	090075
91521918	100511	0024571084	090016	7701030546	RT2058	181642	100380
91536646	100511	0024571087	090202	7701033176	RT3121	192820	080696
9153664680	100511	0024866058	090227	7701035566	100451	202023	080608
93501093	100450	0024871073	100340	7701039387	100511	207783	090076
9401906138	AS301	0025835028	090020	7701044913	AS3588	209261	080697
9401906148	AS301A	0025838009	090202	7701045695	080942	210787	090227
95493206	100511	0025838017	090227	7701045786	080994	221665	100386
95534788	100511	0025838028	090020	770102182	100455	221667	100387
95575783	AS301	0025838030	090075	7701024497	RT3123	269342	090075
95583693	AS301A	003052535	AS301A	7701026928	AS3599	303609	080356
95650878	RT2181	003082657	AS301A	7701027545	AS3588	303739	100388
96009783	100511	008548060	AS304K	7701027667	AS3588	319789	090018
9600978380	100303	0122910100	090016	7701349475	100511	319792	090019
96076258	100303	024152004	AS304K	7701349943	100511	347102	090019
96089964	RT3119	0854210800	090227	7701414081	100303	353392	090017
96104689	100511	0854310700	090227	7701414086	100511	367624	090019
9613572480	100541	0854630300	090023	7701414089	100303	367644	080024
96141678	100511	0854672000	090076	7701414162	100511	523260	090018
96165724	100511	0854680300	090023	7701668711	RT2058		
96165734	100335	0854975700	RT3121	7704002224	080390		
96236383	100533	0855454800	080696	8543108001	090227	0003940685	100511
9633214380	100541	0870363800	090016	8548060000	AS301	0004465121	RT2058
96389858	100533	20854975700	RT3121	8549757006	RT3121	6N0127401F	SP7034
MKD00066	100511	22852800	RT2045	8671004018	100511	ND10420201	AS301
MKD00068	100303	24152004	AS308K	870323100	AS308K	SE022119900B	AS301
MKP00064	100511	24866064	AS308K				
MKP00065	100511	4033156710	RT2045				
MKP00067	100511	4033158110	AS304K				
MKP00068	100303	5000242149	080697	18G8577	AS301A		
MKP00069	100511	5000588506	100394	26560125	AS301A	A502983	090005
ND14365	AS301	5000588510	090017	37H1581	AS301	A503515	090005
PD14365A	AS301	5000686589	RT2045	37H576	AS301	A503742	080861
Pierburg	Cargo	5000785858	100370	37H6214	AS301	A504827	090190
7.15252.01	090013	5000786107	RT2045	4070874	RT2058	A512546/2	090190

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SKF	Cargo	SA3405T	090224	19850-54070	100277	VM	Cargo
30204	140803	SA-3742-12	090095	19850-54071	100277	1.518.0015A	090186
6003	140796	SA-3742-24	090099	19850-54090	100291	1.518.0019A	090189
6004	140795	SA-3765-12	090097	19850-54120	100516	1.518.0019F	090189
6204	140874	SA-3765-24	090101	19850-56012	100280	1.518.011	090013
E20	140801	SA-3799-12	090096	19850-56021	100256	1.518.014	090186
L17	140797	SA-3799-24	090100	19850-56022	100256	1.518.015	090186
Sofabex	Cargo	SA-3800-12	090098	19850-58010	100431	VW	Cargo
3861	090007	SA-3800-24	090102	19850-64020	100283	028130211A	100610
3960	090006	SA-3991-12	090334	19850-64031	100430	038198051B	090246
3969	090123	SA-3999-12	090104	19850-64031-B ..	100283	046130219A	080803
8969	090130	SA-3999-24	090106	19850-64033	100283	059963319	100538
PL3960	090006	SA-4014-12	090103	19850-64050	100514	059963319A	100538
Stanadyne	Cargo	SA-4014-24	090105	19850-67020	100429	060130126	090214
20511	080966	SA-4026-12	090107	19850-67030	100429	061198552	AS301
20512	081140	SA-4026-24	090108	19850-68010	100270	062905061	100587
20512S	081140	SA-4180-12	090199	19850-68020	100282	068127177B	RT2058
20803	081141	SA-4182-24	090200	19850-68030	100256	0681274051	080696
20804	081142	SA-4228	090226	19850-68040	100280	068130126	090214
21191	081140	SA-4527	090281	23302-56021	RT2438	0681301411	080697
21192	080966	SA-4562T	090228	23302-56022	RT2438	068130211	100342
21193	081140	SA-4564-12	090206	23302-56031	RT2438	068130211B	100348
21798	081141	SA-4569-T	090216	23303-51010	RT2438	068130211D	100462
22508	090342	SA4646-24	090267	23303-54010	RT2203	068130211F	100463
22808	100571	SA4668-S	090268	23303-54011	RT2203	068130211G	100564
24370A	090242	SA-4744-12	090368	23303-54071	RT2438	068130211H	100471
24370V	090343	SA-4781-24	090312	23303-56021	RT2438	068130219	080390
24371	090341	SA-4817-12	090206	23303-56022	RT2438	068130233	080697
24373	090342	SA-4850	090228	23303-56030	RT2438	068130283	100342
26632	100569	SA-4899-12	090370	23303-56031	RT2438	0681302831	100348
26964	100570	SA-4899-24	090371	23303-64010	RT2140	068908061	100512
26993	100568	SA-4920-12	090206	23303-64020	RT2140	076130743	080121
27333	100567	SA-4934-12	090225	23303-87308	RT2139	191127401	RT2066
27336	100568	SA-5019	090268	23620-54010	100354	191127401A	RT2067
29229	081060	SA-5171	090160	23620-54020	100398	191127401B	RT2067
Talbot	Cargo	34167	090174	23620-54040-95	100401	Unic	Cargo
30675	100617	5039053	090174	23620-54130	100588	191127401C	RT2066
30678	100618	5042232	090183	23620-59045	100575	191127401E	RT2067
30689	100623	5042233	090174	23620-68010	100401	191127401N	RT2066
33405	100617	5043611	090174	23620-69075	100354	191127401P	RT2066
33406	100618	75064077	090007	23654-46010	080458	1HO127401C	RT2067
33408	100623	9150771580	100511	23654-64010	080457	1HO127401G	RT2067
33500	081142	9150771980	100511	90099-18014	080001	6N0127401F	SP7034
33702	090344	9152191880	100511	23620-54040	100401	6N0127401H	SP7034
ST26214	080873	9553478880	100511	23620-54040-95	100401	N01900911	100512
ST26387	080926	D33858	090005	23620-54130	100588	N01901002	100512
Suzuki	Cargo	D34167	090174	23620-59045	100575	Unic	Cargo
1855078E00	100515	D34265	090174	23620-68010	100401	191127401	RT2066
18550-78E11	100577	Toyota	Cargo	23620-69075	100354	Valeo	Cargo
Synchro-Start	Cargo	11176-36010	080414	23620-69075	100354	Valmet	Cargo
150212C3U1B1S1A ..	090160	11176-56010	080415	23654-46010	080458	110180	090016
150212C7U2B2S7 ..	090224	11176-56018	080415	23654-64010	080457	113700	080696
150224C3U1B1S2A ..	090161	11176-56020	080764	236607756V	090016	136760	090076
1502ES12C3U1B2S1 ..	090109	11176-64010	080418	836007756V	090016	177000	080697
1502ES24C3U1B2S2 ..	090110	11176-87301	080677	836007757	090076	N10140101	100436
1503ES12A5SUC9SCC28 ..	090268	11177-54011	080416	836330250	090020	N10140102	100436
.....	090268	11177-56010	080419	836431349	090016	N10140103	100436
1503ES12A5UC5S ..	090216	11178-56010	080236	836659391	090366	N10140105	100436
1503ES12S5UC5S ..	090228	19850-0W01	100590	836659580	090366	N10213001	100512
175112A2U1B1S1A ..	090210	19850-17020	100589			N10213002	100512
175124A2U1BS1A ..	090297	19850-27010	100556			N10579201	100527
200112E3U1B2S2 ..	090168	19850-30010	100556			N10579802	100625
200124E3U1B2S2 ..	090169	19850-54010	100260			N10591601	100624
2001ES12E3U1B2S2 ..	090111	19850-54030	100260			N10591602	100624
2001ES24E3U1B2S2 ..	090113	19850-54050	100258			TC1132473	080696

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Volvo	Cargo		Cargo		Cargo	
11033954	090281	862419	080024	NP-DN0SD193	100342	
11110030	090267	8631607	100622	NP-DN0SD193NP1	100407	
1173650	090191	870240	090015	NP-DN0SD21	100351	
1257141	100512	870255	100345	NP-DN0SD211	100345	
1257147	080390	870280	100345	NP-DN0SD2110	100349	
1257201	RT2058	870680	100583	NP-DN0SDN187	100490	
1257202	RT2058	870846	100583	NP-DN12SD12	100353	
1257889	100511	945408	080605	NP-DN4S1	100340	
131-8906	081004	946470	080605	NP-DN4SD24	100354	
1542303	100342	947620	080697			
1542319	100284					
1542411	100284	WAI	Cargo			
190990	080696	46-1550	100254			
233165	090227	66-2757	191351			
233321	080697	89-210	200652			
233379	080696	89-211	200726			
233384	090227	89-212	200027			
236628	AS301	89-214	200654			
238222	090227	89-216	200726			
238364	090202	89-219	200654			
238896	100382					
239235	090202	Yanmar	Cargo			
240072	090018	129155-77801	100522			
240339	100382					
241380	090016	Zexel	Cargo			
241662	RT2045	104745-4890	090238			
243004	RT2045	104745-7940	090238			
243083	090020	104745-9070	090238			
243132	090227	104780-7250	090237			
243169	100380	105000-0010	100340			
243464	RT2058	105000-0370	100340			
243488	080696	105000-0490	100340			
244002	090020	105000-0520	100340			
244391	090020	105000-1010	100351			
244448	080356	105000-1020	100351			
244825	090315	105000-1030	100341			
25527	AS308K	105000-1080	100345			
30617334	AS3588	105000-1130	100354			
3092030	080356	105000-1600	100353			
32102097	AS301A	105000-1650	100349			
3287815	100294	105000-1740	100342			
3345280	AS301	105015-4130	100389			
33452806	AS301	105015-4190	100390			
434061	RT2058	105141-2240	100585			
466897	RT2045	105148-1160	100586			
466931	100415	145099-0520	090066			
466987	RT2045	146361-3120	090276			
468218	100384	146510-1720	080218			
470114	100382	146600-1120	090065			
484072	090007	146600-2420	090077			
4880294	090190	146600-4400	080972			
6601761	080697	146650-0720	080177			
6616798	090002	146650-0820	080178			
6637508	090174	146650-1220	080177			
7025282	AS304K	146650-1320	080178			
72094	100351	150524-0600	080353			
7243004	RT2045	150623-1900	080460			
7480325	090185	150623-4000	080389			
76648	AS304K	150623-4200	080688			
77988	090227	150623-4400	080736			
77989	090076	150623-4500	080734			
8000250	RT2045	150623-4900	080388			
829857	100511	150623-5200	080689			
829859	100511	9461610261	080218			
8333239	090151	NP-DLLA154S324N413				
837329	100511	100389			
840643	100511	NP-DLLAS334N419	100390			
847994	080697	NP-DN0PDN112	100492			
860949	100564	NP-DN0SD126	100341			

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PART 6

6th Edition



ISO/TS 16949:2002 certified supplier

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160706	Glow Plug Controllers	137	191358	Sealing rings	101	200653	Engineering adhesive	111
160707	Glow Plug Controllers	137	191359	Plastic protecting tubes	107	200654	Engineering adhesive	111
160752	Glow Plug Controllers	Sup	191360	Protecting caps	107	200697	Cyanoacrylate adhesive	111
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			191362	Protecting caps	107	200760	Engineering adhesive	111
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190009	Mini clamps	103	191367	Protecting caps	108	210779	Tools	112
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190632	Cotter pins	103	191369	Protecting caps	108	210781	Tools	112
190633	Cotter pins	103	191370	Protecting caps	108	210782	Tools	112
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190808	Sealing rings	101	191375	Protecting caps	108	210787	Tools	112
190809	Sealing rings	101	191376	Protecting caps	108	210788	Tools	112
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190812	Sealing rings	101	191430	Insulator washers	102	211088	Tools	112
190813	Sealing rings	101	191434	Insulator washers	102			
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190816	Sealing rings	101	191480	Protecting caps	108			
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O.E.M. names and numbers are used for reference purposes only.

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RT2069	Fuel filters	122						
RT2139	Fuel filters	122						
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RT2141	Fuel filters	122						
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RT3296	Fuel filters	123						
RTF3297	Fuel filters	123						
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SP7034	Fuel filters	123						



DIESEL PARTS

NOTES

A large, empty rectangular area with rounded corners, intended for handwritten notes or drawings.



DIESEL PARTS

NOTES

A large, empty rectangular area with rounded corners, intended for handwritten notes or drawings.



**DIESEL
PARTS**

SUPPLEMENT

PART 6



1.2008

ISO/TS 16949:2002 certified supplier

Repl. AC**Feed Pumps**

Page 8 090367>

**090374**

Replacing BCD 2734/2710
Servicing Sisu, Valtra Valmet

**090389**

Replacing BCD 2723
Servicing Case, Cummins, Iveco,
 New Holland

**090383**

Replacing 461-307, 7990350
Servicing Perkins

**090384**

Replacing 461-328, 7990429
Servicing Lucas

**090385**

Replacing 461-309, 7990493
Servicing Massey Ferguson

Repl. CUMMINS**Feed Pumps**

Page 11 090252>

**090386**

Replacing 93151351
Servicing Ford Dover

**090387**

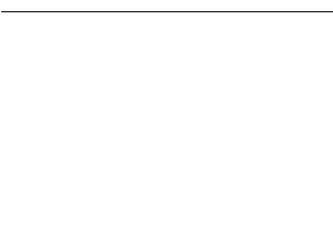
Replacing 93151818
Servicing Cummins 6CT

**090388**

Replacing 93151814
Servicing Cummins C series,
 Major series

Repl. CUMMINS**090390**Replacing 3936320
Servicing Cummins**090391**Replacing 3936316
Servicing Cummins**Repl. BOSCH****Feed Pump Parts**

Page 14

**081194**Replacing 00 1050 000, 002 120 751
Servicing Actros, Mercedes
Repair kit filter**081195**Replacing 2 447 010 032, 2 457 431 001
Servicing Iveco, KHD, MAN, MB,
Perkins, Renault, Volvo
Filter kit MW**Filter Parts**

Page 15 090167>

**090381**Replacing 0450 133 186
M14-1.5 in and outlet
M16-1.5 mm filter tread
Filter top

Page 15 080809>

**081156**

Nippel reduction 16-1.5 mm to 14-1.5 mm

Page 16 081127>

**090426**

Filter top

Page 16 081125>

**081203**Servicing 1 450 206 005
O-Ring

Replacing BOSCH

Page 16 <080944>

**081204**

Fuel heater.
Water sandwich type.
M14-1,5 in and outlet.
Hose coupling 16 mm.

Page 16 081125>

**081206**

Servicing 081125

**081176**

Replacing ST-28800
Servicing Stanadyne
I.D. 8 mm for hoseconnection
Fuelheater 12 V

**081177**

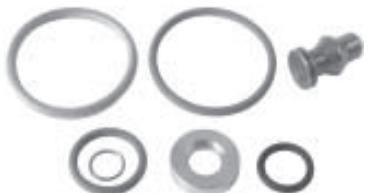
Fuelheater 24 V

PDE

Page 23 090246>

**081178**

Replacing 1417 010 996, 03G 198 051
Servicing Bosch, VW
Pin kit

**090422**

Replacing 1417 010 997, 038 198 051B
Servicing Bosch, VW
Repair kit

Page 23 090330>

**081179** Std Pkg 10

1.5 x 17 mm
Lock pin

**081180** Std Pkg 10

1.8 x 17 mm
Lock pin

**081181** Std Pkg 10

1.5 x 24 mm
Lock pin

Replacing BOSCH**Common Rail**

Page 26 >

**090400**

Replacing Siemens commonrail
Servicing Repair kit

Ball included O.D. XX mm

**090401**

Replacing 292009-0030 Denso HP3
Servicing Toyota D4D engine
Repair kit

**090416**

Replacing F01M100275
Servicing Bosch
Gasket kit CR
For Bosch CR high pressure pump

**090417**

Replacing GK-614-1
Servicing Bosch
Gasket kit CR
For Bosch CR high pressure pump

**090418**

Replacing F01M100276
Servicing Bosch
Gasket kit CR
For Bosch CR high pressure pump

**090419**

Replacing F01M100278
Servicing Bosch
Gasket kit CR
For Bosch CR high pressure pump

Page 27 090092>

**090423**

Replacing 1467 010 059E
Servicing Bosch
20 mm shaft seal
Gasket kit
Special for sulphur free diesel and bio diesel

Page 27 090165>

**090425**

Replacing DGK 121
Servicing Cummins B/C Series
W 31x20x7 mm shaft seal
Gasket kit

VP Pump Parts

Page 28 090354>

**090403**

Replacing 1467 045 046S
Gasket kit VP 44

Repl. BOSCH**VE Throttle Shafts**

Page 32 081132>

**081164****Replacing** 1463 161 878
Servicing Iveco, MAN

A: 51.7, B: 6, C: 30.7, D: 39.2 mm

**081165****Replacing** 1463 162 202
Servicing Citroën, Fiat, Peugeot

A: 53.94, B: 3, C: 26.6, D: 60.9 mm

Page 32 <080420

**081184****Replacing** 1200 101 640
O.D. 15.0 mm, I.D. 10.2 mm, Th. 0.5 mm
Shim
Use on throttle shaft VE pumps**Repl. CAV****VE Solenoid Stops**

Page 35 080994>

**081166****Replacing** 0330 001 040
12 V.**Governor Parts**

Page 39 081103>

**081150 Std Pkg 4****Replacing** 2420 026 006
Servicing RQV
Rubber buffer, big

Page 65 090223>

**081207**

SHIMMS: 23484

Filter Parts

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**090381****Replacing** 9001-142
M14-1.5 in and outlet
M16-1.5 mm filter tread
Filter top

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**090404****Replacing** 5836B100 Perkins
1/2"-20 thread in and outlet
W/ large glass bowl
Complete filter house

Page 44 090352>

**090411****Replacing** Purflux FC 500
Servicing Mitsubishi, Renault
Complete filter house w/ filter**090412****Replacing** Purflux FC 547, CP50DLV, 661 096 911 0, V5F 19 09
Servicing Opel, Saab
Complete filter house w/ filter

Replacing CAV**090413**

Replacing Purflux FC 551, CP90
Servicing Citroën, Peugeot, Renault
Complete filter house w/ filter

**090414**

Replacing Purflux FC 571, CP50
Servicing Opel, Renault
Complete filter house w/ filter

**090415**

Replacing Purflux FC 545, CP50DKV
Servicing Renault
Complete filter house w/ filter

Page 46 080810>

**081156**

Nippel reduction 16-1.5 mm to 14-1.5 mm

Diesel Pump Parts

Page 50 081105>

**081197**

Replacing XXX
Servicing CAV Epic
Oil seal

**081198**

Replacing XXX
Servicing CAV Epic
Oil seal

Diesel Injection Pumps Single

Page 67 >090304

090432

Servicing Yanmar Air Cooled
Single cylinder
Engine Type: YDLL, YPFE-M
Element O.D. 6 mm
Delivery Valve O.D. 4.1 mm

Page 67 >090304

090433

Servicing Yanmar Air Cooled
Single cylinder
Engine Type: YDLL, YPFE-M
Element O.D. 7 mm
Delivery Valve O.D. 4.5 mm

Diesel Pump Parts Head and Rotor

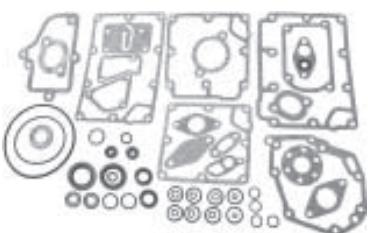
Page 51 081023>

**Replacing** Cylinder**081158** 7139-235S 3

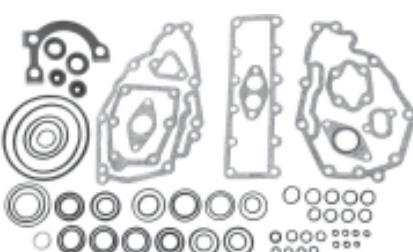
Replacing CATERPILLAR

Diesel Pump Parts

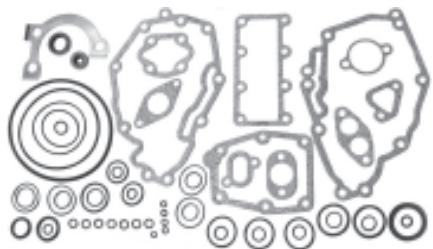
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**090392**

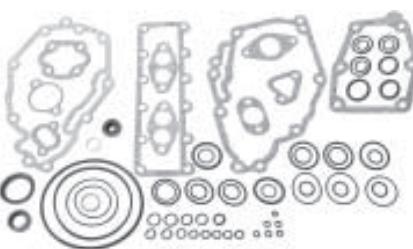
Replacing 6N1133
Servicing Caterpillar
Gasket kit

**090396**

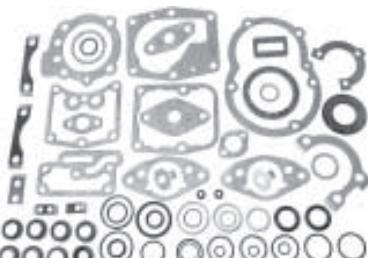
Replacing 6V4707
Servicing Caterpillar
Gasket kit

**090393**

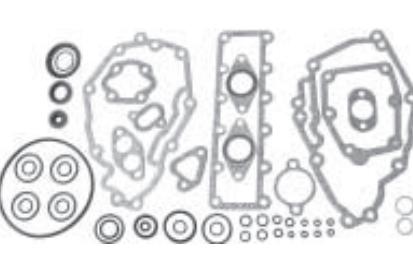
Replacing 6V4780
Servicing Caterpillar
Gasket kit

**090397**

Replacing 6V4788
Servicing Caterpillar
Gasket kit

**090394**

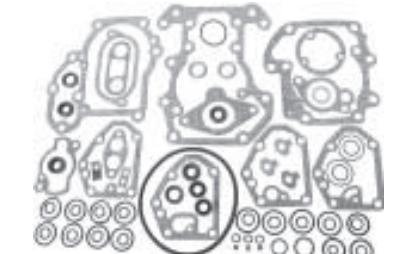
Replacing 6V2414
Servicing Caterpillar
Gasket kit

**090398**

Replacing 8T1653
Servicing Caterpillar
Gasket kit

**090395**

Replacing 6V2909
Servicing Caterpillar
Gasket kit

**090399**

Replacing 6V1167
Servicing Caterpillar
Gasket kit

Repl. SIMMS**Diesel Pump Parts**

Page 65 090223>

**090405****Replacing** Cav 512109**Servicing** Simms Micromex pump

Thickness 0.75 mm

Gasket

Governor Parts

Page 65 080957>

**081155 Std Pkg 10****Replacing** 509025, 515001, 5150101Q

Rubber buffer

Repl. STANADYNE**Diesel Pump Parts**

Page 66 090344>

**090421****Replacing** 33815**Servicing** Stanadyne

Gasket kit

For stanadyne DS type

**Universal - EL.
PUMPS****Electrical Pumps**

Page 73 070076>

Accessories**070199****Servicing** Cargo 070076

Filterbowl

**070200****Servicing** Cargo 070076

Filter

**Universal - EL.
PUMPS****Solid State Pumps**

Page 73 070057>

Special fuel pump w/ bigger inlet and outlet
 Very usefull for ECO Fuel
 4.5-9 Psi. (0.31-0.62 kg)
 Fuel delivery capacity: **113 Litre/h.**
 Inlet / outlet 3/8"-18 int.

**070201**

12 V.

070202

24 V.

Hose Nipples

Page 74 080955>

**081154** Std Pkg 101/8"-27
 For 10 mm. hose I.D.

Page 75

**081170****Servicing** Cargo 070201, 070202
 3/8" thread
 For 8 mm. hose I.D.**Universal****Solenoid Shutdown**

Page 81 >090224

090428

Page 81 >090224

090431**Replacing** SA 5213, 1503ES-1255 SUCIIS
 24V

Page 82 090228>

090430**Replacing** 2370-24E2UIB2SIA
 24V

Page 82 090268>

**090402****Replacing** SA 4567T, 1503ES 24A5UC5S
Servicing Kubota super 5 series
 24 V.
 Syncro-start solenoid

Page 82 090334>

**090373****Replacing** SA 4561T
 12 V.
 Syncro-start solenoid

Page 82 090334>

**090406****Replacing** SA 4863, 0175 12A5C9S
Servicing Kubota super 5 serie
 12 V.
 Stop solenoid-Linear proportional actuator

Nozzles

Page 84

**Std pkg 10**

Type	Cargo
6801135	100632
DLL150S393	100629
DLLA143P471	100630
DLLB150S821	100631
DN0PDN114	100635
DN0SD299/A	100638
L062PBA	100633

Repl. BOSCH**Nozzle Holder Parts**

Page 87 080348>

**081151**

Replacing 2430 136 221
Servicing DAF, KHD. Renault
Injector spacer

**081152**

Replacing 2430 136 133
Servicing DAF, KHD. Renault, Volvo
Injector spacer

**081153**

Replacing 2430 136 212
Servicing Mercedes, Scania
Injector spacer

**081160**

Replacing 2430 134 023
Servicing Ford, Mack, Stanadyne
Injector spacer

Page 87 080670>

**192773**

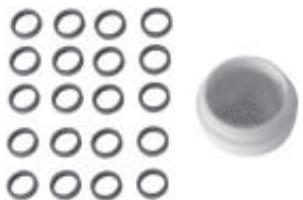
Servicing DSLA-P
Plug for nozzles

**192774**

Replacing 06099900202
Servicing Mercedes
Plug for nozzles

COMMON RAIL**Nozzle Holder Parts****081169**

Commonrail spool (special series)
Repair kit
Ball included O.D. 1.34 mm

**081174**

Commonrail injectors
Repair kit
Consist of 50 balls O.D. 1.34 mm and 20 fiber rings

Repl. CAV**Nozzle Holder Parts**

> Page 91 081122

**081182** Std Pkg 6

Servicing IHC
Dust protection

>Page 91

**081202**

Injector dust protection

Repl. STANADYNE**Nozzle Holder Parts**

> Page 93

**081159**

Replacing NT 780117
Servicing Cummins, Navistar,
Stanadyne IHC
Injector spacer

**081161**

Replacing 32972
Servicing Cummins, Isotta Fraschini,
Lombardini, Navistar, Perkins
Injector spacer

**081162**

Replacing 780936
Servicing Cummins, Lister Petter,
Navistar
Injector spacer

Replacing AMERICAN appl.**Universal****Nozzle Holder Parts**

> Page 94



081186 Std Pkg 10
Servicing 081200
Overflow cap



081187 Std Pkg 10
Servicing 081200
Overflow cap



081188 Std Pkg 10
Servicing 081200
Overflow cap



081191 Std Pkg 10
Servicing 081193
Overflow cap



081192 Std Pkg 10
Servicing 081193
Overflow cap



081146 Std Pkg 25
Replacing 1981-38
Servicing Citroën, Peugeot
13.5 / 5.1 x 1.2 mm
Steel



081147 Std Pkg 25
Servicing Citroën, Lada,
Opel, Peugeot
13.5 / 14 x 7 x 1.3 mm
Steel



081148 Std Pkg 25
Replacing 2430 190 010, 1981-35
Servicing Citroën, Nissan, Peugeot
13.8 / 5.5 x 1.5 mm
Steel



081149 Std Pkg 25
Replacing 1981-49
Servicing Fiat, Peugeot 206
12.2 / 3.85 x 1.3 mm
Steel

Universal**Thermal Washers**

Page 99 081115>

**081167**

Servicing Sisu
20 x 10 x 3 mm
Copper

**081171**

Replacing 2430 105 048, 504080076
Servicing Cummins (Mid-Range Engines),
Dodge, Iveco
Common rail
15 x 7.4 x 0.5 mm, Copper

**081172**

Replacing 2430 105 042, 8094757
Servicing Cummins (Mid-Range Engines),
Dodge, Iveco
Common rail
15 x 7.4 x 2.55 mm, Copper

**081173**

Replacing F00R J01 086, 97327722
Servicing GM Light & Medium duty trucks
Common rail
15.1 x 7.75 / 7 x 2 mm
Copper

Accessories**Hose for Biodiesel**

Page 104



Special for Biodiesel and Rapsoil
Oil or Gasoline hose type FPM/ECO
Temperature range -35°C to +80°C.

Supply 1 mtr.

I.D. mm

090377*	3.2
090378	6.0
090379	8.0
090380	10.0

* Overflow hose

Accessories**Drain Caps**

Page 106 080258>

**081175**M14 x 1.5 mm
To close a hollowscrew**Tube Benders**

Page 112 090117>

**090410**Tube bender jig for bending and shaping
high pressure pipes**Injector Tester**

Page 113 090133>

**090420**Calibration fluid, 25 Ltr
For use in testbench and injectortester

Page 113 090259>

**090408**Servicing Cargo 090133
Manometer 0-400 Bar**Tools**

Page 113 090153>

**090427**Servicing 090153
DIAL GAUGE O.D. 41 mm -0.01-5 mm

Page 115 090322>

**090375**Servicing Cargo 090296
Support nut**090376**Servicing Cargo 090296
Handle

Page 119 090326>

**090409**

Kit for measuring back lift on CR nozzles

Accessories**Common rail Tool Kit****090407**

Lapping tool for Common rail injectors
To repair the seat in the injectors

3 Side Wrench Tool

Page 117 090274>

**090424**

Replacing 0986 611 750
Servicing VE pumps
Triangular wrench

Injection Pipes

Page 119 090256>

**090382**

8 x 3 x 800 mm
14 x 14 mm
Speciel use for tractor pulling

Page 119 090382>

**081157**

Servicing Injection Pipes
Nippel reduction 14 mm to 12 mm
For 12 mm pipe to 14 mm injector

**081163**

Servicing Injection Pipes
Nippel reduction 12 mm to 14 mm
For 14 mm pipe to 12 mm injector



Glow Plugs

CARGO	Plug V.	Battery	Amp.	Thread	L1	L2	L3	Sec.
100627	11	12	13	M8x1	119	28	8	XX
100628	11	12	9	M10-1.00	85.75	17.75	12	9-13
100634	10.5	12		M10-1.25	85	22.5	12	XX
100636	XX	XX	XX	XX	XX	XX	XX	XX
100637	11	12	7	M10-1.00	150.5	24.3	10	3-9
100639	11	XX	16	M12-1,25	76	21	12	7
100640	XX	24	XX	XX	XX	XX	XX	XX

Glow Plugs

Glow Plugs

Page 126 >100625

**100641**

Servicing BMW
5 V
Beru: GE102
Beru: 010026002

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**100642**

Servicing Alfa - Fiat - Opel
12 V
Bosch: 0 250 203 001
Beru: GN059
Beru: 0100276015
Magneti Marelli: 026900030304
Champion: CH224/002
Denso: DG-170

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**100643**

Servicing Fiat Dutato 2,3 JTD motor
FIAE0481C
11 V
Beru: GN037
Beru: 0100267003

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**100644**

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**100645**

Replacing GX 103
Beru: GN041
Bosch: 0 250 202 036

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100646

Replacing

Beru: GN026
Beru: 0100226351
NGK: Y-517-J (3319)
Bosch: 0 250 202 128
Renault: 7 700 103 674, 8 200 012 099,
8 200 517 313

Glow Plug Controllers

Page 139 160469>

**160752**

Replacing 1281 003 010, 60813733,
7763532
Servicing Alfa Romeo, Fiat, Lancia
12 V
11 terminals
W/ postheating

Page 140 160462>

160795

Replacing 77 000 115 078
Servicing Renault Megane, Clio, Scenic,
Laguna

Assortment Box and Inserts**Adjustment shims**

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**806033**

Sortiment for PDE 80
thickness 1,20mm - 1,70mm
O.D. 5,30, I.D. 3,50

**806032**

Sortiment for PDE 80
thickness 1,20mm - 1,30mm
O.D. 15,70, I.D. 10,50
